

Bayswater Exploration & Production, LLC

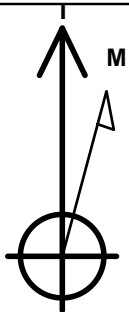
Well Name: **G & D Hanks N-27-28HC**

Surface Location: G & D Hanks 27-N Pad Sec.27-T7N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4874.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1441227.48 3205703.78 40.542213 -104.759853
RKB - 25' WELL @ 4899.0ft (RKB - 25')

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1273'FSL, 1574'FEL, SEC.27	1.0	0.0	0.0	Point
LPL 2305'FSL, 470'FEL, SEC.27	7364.0	1044.5	1097.2	Point
BHL 2305'FSL, 5'FWL, SEC.28	7374.0	931.8	-9204.0	Point

G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks N-27-28HC
Plan #1 (8-02-17)
14:52, August 03 2017

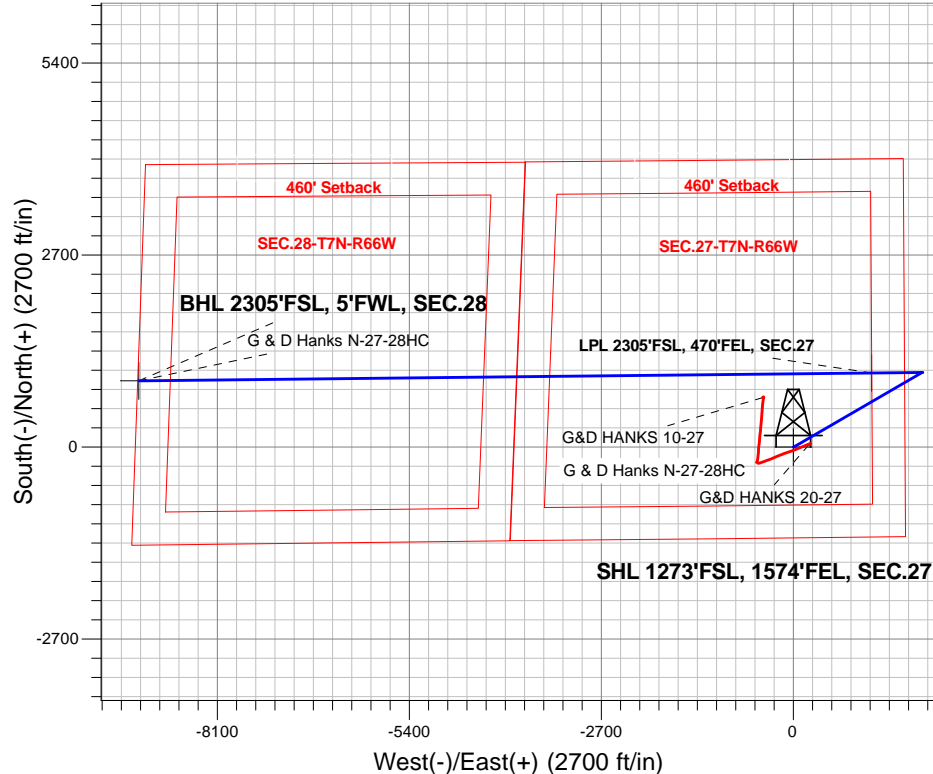


Azimuths to True North
Magnetic North: 8.04°

Magnetic Field
Strength: 52559.5nT
Dip Angle: 66.95°
Date: 8/3/2017
Model: IGRF2010

ANNOTATIONS

TVD	MD	Annotation
400.0	400.0	KOP - Start Build 1.50
5326.8	5697.4	Start Drop -2.00
6648.2	7054.5	Start Build 8.00
7364.0	8178.1	Start DLS 0.50 TFO 32.84
7364.0	8179.2	Start 10300.8 hold at 8179.2 MD
7374.0	18480.0	TD at 18480.0



ENSIGN
Directional

SECTION DETAILS

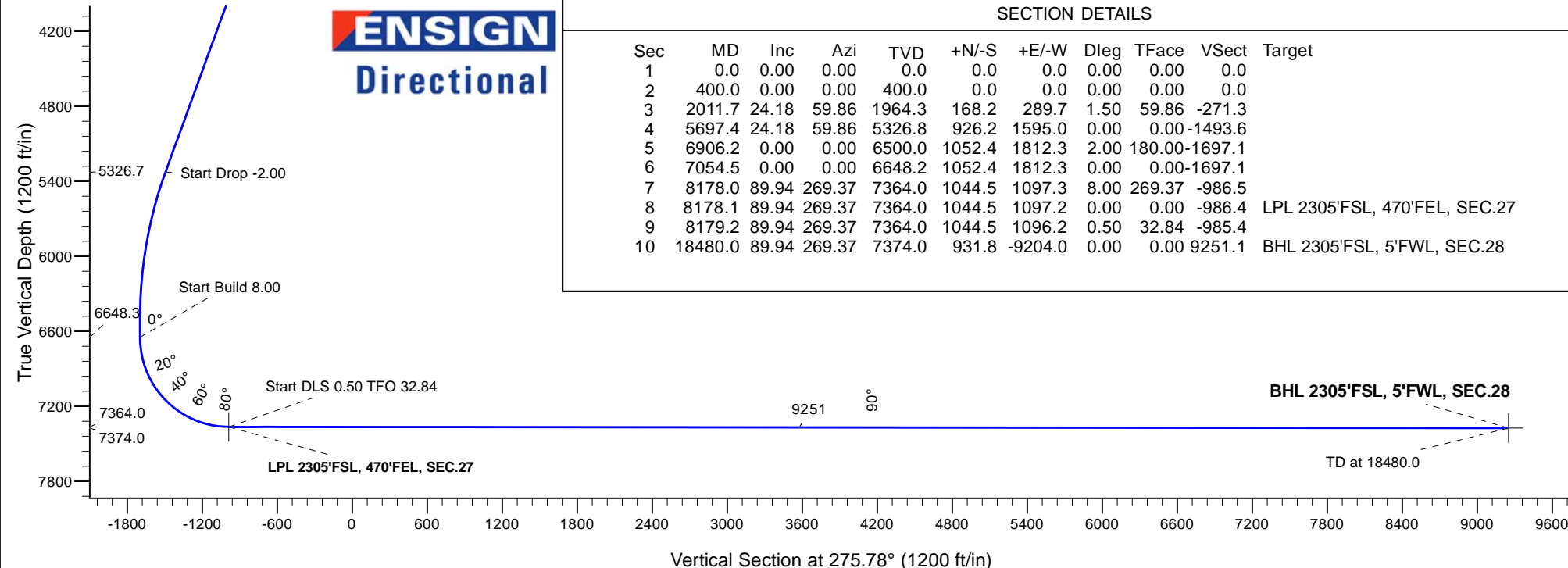
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	2011.7	24.18	59.86	1964.3	168.2	289.7	1.50	59.86	-271.3	
4	5697.4	24.18	59.86	5326.8	926.2	1595.0	0.00	0.00	-1493.6	
5	6906.2	0.00	0.00	6500.0	1052.4	1812.3	2.00	180.00	-1697.1	
6	7054.5	0.00	0.00	6648.2	1052.4	1812.3	0.00	0.00	-1697.1	
7	8178.0	89.94	269.37	7364.0	1044.5	1097.3	8.00	269.37	-986.5	
8	8178.1	89.94	269.37	7364.0	1044.5	1097.2	0.00	0.00	-986.4	LPL 2305'FSL, 470'FEL, SEC.27
9	8179.2	89.94	269.37	7364.0	1044.5	1096.2	0.50	32.84	-985.4	
10	18480.0	89.94	269.37	7374.0	931.8	-9204.0	0.00	0.00	9251.1	BHL 2305'FSL, 5'FWL, SEC.28

BHL 2305'FSL, 5'FWL, SEC.28

TD at 18480.0

LPL 2305'FSL, 470'FEL, SEC.27

Vertical Section at 275.78° (1200 ft/in)





Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks N-27-28HC

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 N-27-28HC
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 N-27-28HC	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 N-27-28HC					
Well Position	+N/-S	-14.9 ft	Northing:	1,441,227.48 usft	Latitude:	40.542213
	+E/-W	0.0 ft	Easting:	3,205,703.78 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)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	275.78

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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,011.7	24.18	59.86	1,964.3	168.2	289.7	1.50	1.50	0.00	59.86	
5,697.4	24.18	59.86	5,326.8	926.2	1,595.0	0.00	0.00	0.00	0.00	
6,906.2	0.00	0.00	6,500.0	1,052.4	1,812.3	2.00	-2.00	0.00	180.00	
7,054.5	0.00	0.00	6,648.2	1,052.4	1,812.3	0.00	0.00	0.00	0.00	
8,178.0	89.94	269.37	7,364.0	1,044.5	1,097.3	8.00	8.00	0.00	269.37	
8,178.1	89.94	269.37	7,364.0	1,044.5	1,097.2	0.00	0.00	0.00	0.00	LPL 2305'FSL, 470'FE
8,179.2	89.94	269.37	7,364.0	1,044.5	1,096.2	0.50	0.42	0.27	32.84	
18,480.0	89.94	269.37	7,374.0	931.8	-9,204.0	0.00	0.00	0.00	0.00	BHL 2305'FSL, 5'FWL

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	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
KOP - Start Build 1.50									
500.0	1.50	59.86	500.0	0.7	1.1	-1.1	1.50	1.50	0.00
600.0	3.00	59.86	599.9	2.6	4.5	-4.2	1.50	1.50	0.00
700.0	4.50	59.86	699.7	5.9	10.2	-9.5	1.50	1.50	0.00
800.0	6.00	59.86	799.3	10.5	18.1	-16.9	1.50	1.50	0.00
900.0	7.50	59.86	898.6	16.4	28.3	-26.5	1.50	1.50	0.00
1,000.0	9.00	59.86	997.5	23.6	40.7	-38.1	1.50	1.50	0.00
1,100.0	10.50	59.86	1,096.1	32.1	55.3	-51.8	1.50	1.50	0.00
1,200.0	12.00	59.86	1,194.2	41.9	72.2	-67.6	1.50	1.50	0.00
1,300.0	13.50	59.86	1,291.7	53.0	91.3	-85.5	1.50	1.50	0.00
1,400.0	15.00	59.86	1,388.6	65.4	112.6	-105.4	1.50	1.50	0.00
1,500.0	16.50	59.86	1,484.9	79.0	136.0	-127.4	1.50	1.50	0.00
1,600.0	18.00	59.86	1,580.4	93.9	161.7	-151.4	1.50	1.50	0.00
1,700.0	19.50	59.86	1,675.0	110.0	189.5	-177.4	1.50	1.50	0.00
1,800.0	21.00	59.86	1,768.9	127.4	219.4	-205.4	1.50	1.50	0.00
1,900.0	22.50	59.86	1,861.7	146.0	251.4	-235.5	1.50	1.50	0.00
2,000.0	24.00	59.86	1,953.6	165.8	285.6	-267.4	1.50	1.50	0.00
2,011.7	24.18	59.86	1,964.3	168.2	289.7	-271.3	1.50	1.50	0.00
2,100.0	24.18	59.86	2,044.9	186.4	321.0	-300.6	0.00	0.00	0.00
2,200.0	24.18	59.86	2,136.1	207.0	356.4	-333.7	0.00	0.00	0.00
2,300.0	24.18	59.86	2,227.3	227.5	391.8	-366.9	0.00	0.00	0.00
2,400.0	24.18	59.86	2,318.5	248.1	427.2	-400.1	0.00	0.00	0.00
2,500.0	24.18	59.86	2,409.8	268.7	462.6	-433.2	0.00	0.00	0.00
2,600.0	24.18	59.86	2,501.0	289.2	498.1	-466.4	0.00	0.00	0.00
2,700.0	24.18	59.86	2,592.2	309.8	533.5	-499.6	0.00	0.00	0.00
2,800.0	24.18	59.86	2,683.5	330.3	568.9	-532.7	0.00	0.00	0.00
2,900.0	24.18	59.86	2,774.7	350.9	604.3	-565.9	0.00	0.00	0.00
3,000.0	24.18	59.86	2,865.9	371.5	639.7	-599.0	0.00	0.00	0.00
3,100.0	24.18	59.86	2,957.2	392.0	675.1	-632.2	0.00	0.00	0.00
3,200.0	24.18	59.86	3,048.4	412.6	710.5	-665.4	0.00	0.00	0.00
3,300.0	24.18	59.86	3,139.6	433.2	746.0	-698.5	0.00	0.00	0.00
3,400.0	24.18	59.86	3,230.8	453.7	781.4	-731.7	0.00	0.00	0.00
3,500.0	24.18	59.86	3,322.1	474.3	816.8	-764.9	0.00	0.00	0.00
3,600.0	24.18	59.86	3,413.3	494.9	852.2	-798.0	0.00	0.00	0.00
3,700.0	24.18	59.86	3,504.5	515.4	887.6	-831.2	0.00	0.00	0.00
3,800.0	24.18	59.86	3,595.8	536.0	923.0	-864.4	0.00	0.00	0.00
3,900.0	24.18	59.86	3,687.0	556.6	958.5	-897.5	0.00	0.00	0.00
4,000.0	24.18	59.86	3,778.2	577.1	993.9	-930.7	0.00	0.00	0.00
4,100.0	24.18	59.86	3,869.4	597.7	1,029.3	-963.8	0.00	0.00	0.00
4,200.0	24.18	59.86	3,960.7	618.3	1,064.7	-997.0	0.00	0.00	0.00
4,300.0	24.18	59.86	4,051.9	638.8	1,100.1	-1,030.2	0.00	0.00	0.00
4,400.0	24.18	59.86	4,143.1	659.4	1,135.5	-1,063.3	0.00	0.00	0.00
4,500.0	24.18	59.86	4,234.4	680.0	1,170.9	-1,096.5	0.00	0.00	0.00
4,600.0	24.18	59.86	4,325.6	700.5	1,206.4	-1,129.7	0.00	0.00	0.00
4,700.0	24.18	59.86	4,416.8	721.1	1,241.8	-1,162.8	0.00	0.00	0.00
4,800.0	24.18	59.86	4,508.0	741.7	1,277.2	-1,196.0	0.00	0.00	0.00
4,900.0	24.18	59.86	4,599.3	762.2	1,312.6	-1,229.2	0.00	0.00	0.00
5,000.0	24.18	59.86	4,690.5	782.8	1,348.0	-1,262.3	0.00	0.00	0.00
5,100.0	24.18	59.86	4,781.7	803.4	1,383.4	-1,295.5	0.00	0.00	0.00

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

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.0	24.18	59.86	4,873.0	823.9	1,418.9	-1,328.6	0.00	0.00	0.00
5,300.0	24.18	59.86	4,964.2	844.5	1,454.3	-1,361.8	0.00	0.00	0.00
5,400.0	24.18	59.86	5,055.4	865.1	1,489.7	-1,395.0	0.00	0.00	0.00
5,500.0	24.18	59.86	5,146.7	885.6	1,525.1	-1,428.1	0.00	0.00	0.00
5,600.0	24.18	59.86	5,237.9	906.2	1,560.5	-1,461.3	0.00	0.00	0.00
5,697.4	24.18	59.86	5,326.7	926.2	1,595.0	-1,493.6	0.00	0.00	0.00
Start Drop -2.00									
5,700.0	24.12	59.86	5,329.1	926.8	1,595.9	-1,494.5	1.98	-1.98	0.00
5,800.0	22.12	59.86	5,421.1	946.5	1,629.9	-1,526.3	2.00	-2.00	0.00
5,900.0	20.12	59.86	5,514.4	964.6	1,661.1	-1,555.4	2.00	-2.00	0.00
6,000.0	18.12	59.86	5,608.8	981.0	1,689.4	-1,582.0	2.00	-2.00	0.00
6,100.0	16.12	59.86	5,704.4	995.8	1,714.8	-1,605.8	2.00	-2.00	0.00
6,200.0	14.12	59.86	5,800.9	1,008.9	1,737.4	-1,626.9	2.00	-2.00	0.00
6,300.0	12.12	59.86	5,898.3	1,020.3	1,757.0	-1,645.3	2.00	-2.00	0.00
6,400.0	10.12	59.86	5,996.4	1,030.0	1,773.7	-1,661.0	2.00	-2.00	0.00
6,500.0	8.12	59.86	6,095.1	1,038.0	1,787.4	-1,673.8	2.00	-2.00	0.00
6,600.0	6.12	59.86	6,194.4	1,044.2	1,798.2	-1,683.8	2.00	-2.00	0.00
6,700.0	4.12	59.86	6,294.0	1,048.7	1,805.9	-1,691.1	2.00	-2.00	0.00
6,800.0	2.12	59.86	6,393.8	1,051.4	1,810.6	-1,695.5	2.00	-2.00	0.00
6,900.0	0.12	59.86	6,493.8	1,052.4	1,812.3	-1,697.1	2.00	-2.00	0.00
6,906.2	0.00	0.00	6,500.0	1,052.4	1,812.3	-1,697.1	2.00	-2.00	0.00
7,000.0	0.00	0.00	6,593.8	1,052.4	1,812.3	-1,697.1	0.00	0.00	0.00
7,054.5	0.00	0.00	6,648.3	1,052.4	1,812.3	-1,697.1	0.00	0.00	0.00
Start Build 8.00									
7,100.0	3.65	269.37	6,693.8	1,052.4	1,810.9	-1,695.6	8.01	8.01	0.00
7,200.0	11.65	269.37	6,792.8	1,052.2	1,797.6	-1,682.4	8.00	8.00	0.00
7,300.0	19.66	269.37	6,889.0	1,051.9	1,770.6	-1,655.6	8.00	8.00	0.00
7,400.0	27.66	269.37	6,980.5	1,051.5	1,730.5	-1,615.8	8.00	8.00	0.00
7,500.0	35.67	269.37	7,065.6	1,050.9	1,678.1	-1,563.7	8.00	8.00	0.00
7,600.0	43.67	269.37	7,142.5	1,050.2	1,614.3	-1,500.3	8.00	8.00	0.00
7,700.0	51.68	269.37	7,209.8	1,049.4	1,540.4	-1,426.9	8.00	8.00	0.00
7,800.0	59.68	269.37	7,266.1	1,048.5	1,457.9	-1,344.9	8.00	8.00	0.00
7,900.0	67.69	269.37	7,310.4	1,047.5	1,368.3	-1,255.9	8.00	8.00	0.00
8,000.0	75.69	269.37	7,341.8	1,046.5	1,273.5	-1,161.6	8.00	8.00	0.00
8,100.0	83.70	269.37	7,359.7	1,045.4	1,175.2	-1,063.9	8.00	8.00	0.00
8,178.0	89.94	269.37	7,364.0	1,044.5	1,097.3	-986.5	8.00	8.00	0.00
8,178.1	89.94	269.37	7,364.0	1,044.5	1,097.3	-986.5	0.00	0.00	0.00
Start DLS 0.50 TFO 32.84									
8,179.2	89.94	269.37	7,364.0	1,044.5	1,096.2	-985.4	0.47	0.40	0.26
Start 10300.8 hold at 8179.2 MD									
8,200.0	89.94	269.37	7,364.0	1,044.3	1,075.4	-964.7	0.00	0.00	0.00
8,300.0	89.94	269.37	7,364.1	1,043.2	975.4	-865.3	0.00	0.00	0.00
8,400.0	89.94	269.37	7,364.2	1,042.1	875.4	-765.9	0.00	0.00	0.00
8,500.0	89.94	269.37	7,364.3	1,041.0	775.4	-666.6	0.00	0.00	0.00
8,600.0	89.94	269.37	7,364.4	1,039.9	675.4	-567.2	0.00	0.00	0.00
8,700.0	89.94	269.37	7,364.5	1,038.8	575.4	-467.8	0.00	0.00	0.00
8,800.0	89.94	269.37	7,364.6	1,037.7	475.4	-368.4	0.00	0.00	0.00
8,900.0	89.94	269.37	7,364.7	1,036.6	375.4	-269.1	0.00	0.00	0.00
9,000.0	89.94	269.37	7,364.8	1,035.5	275.4	-169.7	0.00	0.00	0.00
9,100.0	89.94	269.37	7,364.9	1,034.5	175.4	-70.3	0.00	0.00	0.00
9,200.0	89.94	269.37	7,365.0	1,033.4	75.4	29.1	0.00	0.00	0.00
9,300.0	89.94	269.37	7,365.1	1,032.3	-24.6	128.4	0.00	0.00	0.00
9,400.0	89.94	269.37	7,365.2	1,031.2	-124.6	227.8	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	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	89.94	269.37	7,365.3	1,030.1	-224.6	327.2	0.00	0.00	0.00
9,600.0	89.94	269.37	7,365.4	1,029.0	-324.6	426.6	0.00	0.00	0.00
9,700.0	89.94	269.37	7,365.5	1,027.9	-424.6	525.9	0.00	0.00	0.00
9,800.0	89.94	269.37	7,365.6	1,026.8	-524.6	625.3	0.00	0.00	0.00
9,900.0	89.94	269.37	7,365.7	1,025.7	-624.5	724.7	0.00	0.00	0.00
10,000.0	89.94	269.37	7,365.8	1,024.6	-724.5	824.1	0.00	0.00	0.00
10,100.0	89.94	269.37	7,365.9	1,023.5	-824.5	923.4	0.00	0.00	0.00
10,200.0	89.94	269.37	7,366.0	1,022.4	-924.5	1,022.8	0.00	0.00	0.00
10,300.0	89.94	269.37	7,366.1	1,021.3	-1,024.5	1,122.2	0.00	0.00	0.00
10,400.0	89.94	269.37	7,366.2	1,020.2	-1,124.5	1,221.6	0.00	0.00	0.00
10,500.0	89.94	269.37	7,366.3	1,019.1	-1,224.5	1,320.9	0.00	0.00	0.00
10,600.0	89.94	269.37	7,366.4	1,018.0	-1,324.5	1,420.3	0.00	0.00	0.00
10,700.0	89.94	269.37	7,366.4	1,017.0	-1,424.5	1,519.7	0.00	0.00	0.00
10,800.0	89.94	269.37	7,366.5	1,015.9	-1,524.5	1,619.1	0.00	0.00	0.00
10,900.0	89.94	269.37	7,366.6	1,014.8	-1,624.5	1,718.4	0.00	0.00	0.00
11,000.0	89.94	269.37	7,366.7	1,013.7	-1,724.5	1,817.8	0.00	0.00	0.00
11,100.0	89.94	269.37	7,366.8	1,012.6	-1,824.5	1,917.2	0.00	0.00	0.00
11,200.0	89.94	269.37	7,366.9	1,011.5	-1,924.5	2,016.6	0.00	0.00	0.00
11,300.0	89.94	269.37	7,367.0	1,010.4	-2,024.5	2,115.9	0.00	0.00	0.00
11,400.0	89.94	269.37	7,367.1	1,009.3	-2,124.5	2,215.3	0.00	0.00	0.00
11,500.0	89.94	269.37	7,367.2	1,008.2	-2,224.4	2,314.7	0.00	0.00	0.00
11,600.0	89.94	269.37	7,367.3	1,007.1	-2,324.4	2,414.1	0.00	0.00	0.00
11,700.0	89.94	269.37	7,367.4	1,006.0	-2,424.4	2,513.4	0.00	0.00	0.00
11,800.0	89.94	269.37	7,367.5	1,004.9	-2,524.4	2,612.8	0.00	0.00	0.00
11,900.0	89.94	269.37	7,367.6	1,003.8	-2,624.4	2,712.2	0.00	0.00	0.00
12,000.0	89.94	269.37	7,367.7	1,002.7	-2,724.4	2,811.6	0.00	0.00	0.00
12,100.0	89.94	269.37	7,367.8	1,001.6	-2,824.4	2,910.9	0.00	0.00	0.00
12,200.0	89.94	269.37	7,367.9	1,000.5	-2,924.4	3,010.3	0.00	0.00	0.00
12,300.0	89.94	269.37	7,368.0	999.4	-3,024.4	3,109.7	0.00	0.00	0.00
12,400.0	89.94	269.37	7,368.1	998.4	-3,124.4	3,209.1	0.00	0.00	0.00
12,500.0	89.94	269.37	7,368.2	997.3	-3,224.4	3,308.4	0.00	0.00	0.00
12,600.0	89.94	269.37	7,368.3	996.2	-3,324.4	3,407.8	0.00	0.00	0.00
12,700.0	89.94	269.37	7,368.4	995.1	-3,424.4	3,507.2	0.00	0.00	0.00
12,800.0	89.94	269.37	7,368.5	994.0	-3,524.4	3,606.6	0.00	0.00	0.00
12,900.0	89.94	269.37	7,368.6	992.9	-3,624.4	3,705.9	0.00	0.00	0.00
13,000.0	89.94	269.37	7,368.7	991.8	-3,724.4	3,805.3	0.00	0.00	0.00
13,100.0	89.94	269.37	7,368.8	990.7	-3,824.4	3,904.7	0.00	0.00	0.00
13,200.0	89.94	269.37	7,368.9	989.6	-3,924.3	4,004.1	0.00	0.00	0.00
13,300.0	89.94	269.37	7,369.0	988.5	-4,024.3	4,103.4	0.00	0.00	0.00
13,400.0	89.94	269.37	7,369.1	987.4	-4,124.3	4,202.8	0.00	0.00	0.00
13,500.0	89.94	269.37	7,369.2	986.3	-4,224.3	4,302.2	0.00	0.00	0.00
13,600.0	89.94	269.37	7,369.3	985.2	-4,324.3	4,401.6	0.00	0.00	0.00
13,700.0	89.94	269.37	7,369.4	984.1	-4,424.3	4,500.9	0.00	0.00	0.00
13,800.0	89.94	269.37	7,369.5	983.0	-4,524.3	4,600.3	0.00	0.00	0.00
13,900.0	89.94	269.37	7,369.6	981.9	-4,624.3	4,699.7	0.00	0.00	0.00
14,000.0	89.94	269.37	7,369.7	980.8	-4,724.3	4,799.1	0.00	0.00	0.00
14,100.0	89.94	269.37	7,369.7	979.8	-4,824.3	4,898.4	0.00	0.00	0.00
14,200.0	89.94	269.37	7,369.8	978.7	-4,924.3	4,997.8	0.00	0.00	0.00
14,300.0	89.94	269.37	7,369.9	977.6	-5,024.3	5,097.2	0.00	0.00	0.00
14,400.0	89.94	269.37	7,370.0	976.5	-5,124.3	5,196.6	0.00	0.00	0.00
14,500.0	89.94	269.37	7,370.1	975.4	-5,224.3	5,295.9	0.00	0.00	0.00
14,600.0	89.94	269.37	7,370.2	974.3	-5,324.3	5,395.3	0.00	0.00	0.00
14,700.0	89.94	269.37	7,370.3	973.2	-5,424.3	5,494.7	0.00	0.00	0.00
14,800.0	89.94	269.37	7,370.4	972.1	-5,524.2	5,594.1	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	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	89.94	269.37	7,370.5	971.0	-5,624.2	5,693.4	0.00	0.00	0.00
15,000.0	89.94	269.37	7,370.6	969.9	-5,724.2	5,792.8	0.00	0.00	0.00
15,100.0	89.94	269.37	7,370.7	968.8	-5,824.2	5,892.2	0.00	0.00	0.00
15,200.0	89.94	269.37	7,370.8	967.7	-5,924.2	5,991.6	0.00	0.00	0.00
15,300.0	89.94	269.37	7,370.9	966.6	-6,024.2	6,090.9	0.00	0.00	0.00
15,400.0	89.94	269.37	7,371.0	965.5	-6,124.2	6,190.3	0.00	0.00	0.00
15,500.0	89.94	269.37	7,371.1	964.4	-6,224.2	6,289.7	0.00	0.00	0.00
15,600.0	89.94	269.37	7,371.2	963.3	-6,324.2	6,389.1	0.00	0.00	0.00
15,700.0	89.94	269.37	7,371.3	962.3	-6,424.2	6,488.4	0.00	0.00	0.00
15,800.0	89.94	269.37	7,371.4	961.2	-6,524.2	6,587.8	0.00	0.00	0.00
15,900.0	89.94	269.37	7,371.5	960.1	-6,624.2	6,687.2	0.00	0.00	0.00
16,000.0	89.94	269.37	7,371.6	959.0	-6,724.2	6,786.6	0.00	0.00	0.00
16,100.0	89.94	269.37	7,371.7	957.9	-6,824.2	6,885.9	0.00	0.00	0.00
16,200.0	89.94	269.37	7,371.8	956.8	-6,924.2	6,985.3	0.00	0.00	0.00
16,300.0	89.94	269.37	7,371.9	955.7	-7,024.2	7,084.7	0.00	0.00	0.00
16,400.0	89.94	269.37	7,372.0	954.6	-7,124.2	7,184.1	0.00	0.00	0.00
16,500.0	89.94	269.37	7,372.1	953.5	-7,224.1	7,283.4	0.00	0.00	0.00
16,600.0	89.94	269.37	7,372.2	952.4	-7,324.1	7,382.8	0.00	0.00	0.00
16,700.0	89.94	269.37	7,372.3	951.3	-7,424.1	7,482.2	0.00	0.00	0.00
16,800.0	89.94	269.37	7,372.4	950.2	-7,524.1	7,581.6	0.00	0.00	0.00
16,900.0	89.94	269.37	7,372.5	949.1	-7,624.1	7,681.0	0.00	0.00	0.00
17,000.0	89.94	269.37	7,372.6	948.0	-7,724.1	7,780.3	0.00	0.00	0.00
17,100.0	89.94	269.37	7,372.7	946.9	-7,824.1	7,879.7	0.00	0.00	0.00
17,200.0	89.94	269.37	7,372.8	945.8	-7,924.1	7,979.1	0.00	0.00	0.00
17,300.0	89.94	269.37	7,372.9	944.7	-8,024.1	8,078.5	0.00	0.00	0.00
17,400.0	89.94	269.37	7,373.0	943.7	-8,124.1	8,177.8	0.00	0.00	0.00
17,500.0	89.94	269.37	7,373.0	942.6	-8,224.1	8,277.2	0.00	0.00	0.00
17,600.0	89.94	269.37	7,373.1	941.5	-8,324.1	8,376.6	0.00	0.00	0.00
17,700.0	89.94	269.37	7,373.2	940.4	-8,424.1	8,476.0	0.00	0.00	0.00
17,800.0	89.94	269.37	7,373.3	939.3	-8,524.1	8,575.3	0.00	0.00	0.00
17,900.0	89.94	269.37	7,373.4	938.2	-8,624.1	8,674.7	0.00	0.00	0.00
18,000.0	89.94	269.37	7,373.5	937.1	-8,724.1	8,774.1	0.00	0.00	0.00
18,100.0	89.94	269.37	7,373.6	936.0	-8,824.1	8,873.5	0.00	0.00	0.00
18,200.0	89.94	269.37	7,373.7	934.9	-8,924.0	8,972.8	0.00	0.00	0.00
18,300.0	89.94	269.37	7,373.8	933.8	-9,024.0	9,072.2	0.00	0.00	0.00
18,400.0	89.94	269.37	7,373.9	932.7	-9,124.0	9,171.6	0.00	0.00	0.00
18,480.0	89.94	269.37	7,374.0	931.8	-9,204.0	9,251.1	0.00	0.00	0.00
TD at 18480.0									

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

Design Targets										
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)			
- Shape										
SHL 1273'FSL, 1574'FEI - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,227.49	3,205,703.78	40.542213	-104.759853	
LPL 2305'FSL, 470'FEL, - plan hits target center - Point	0.00	0.00	7,364.0	1,044.5	1,097.2	1,442,281.11	3,206,792.23	40.545080	-104.755905	
BHL 2305'FSL, 5'FWL, 5 - plan hits target center - Point	0.00	0.00	7,374.0	931.8	-9,204.0	1,442,082.44	3,196,492.60	40.544766	-104.792970	

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S	+E/-W	Comment	
(ft)	(ft)	(ft)	(ft)		
400.0	400.0	0.0	0.0	KOP - Start Build 1.50	
5,697.4	5,326.8	168.2	289.7	Start Drop -2.00	
7,054.5	6,648.2	926.2	1,595.0	Start Build 8.00	
8,178.1	7,364.0	1,052.4	1,812.3	Start DLS 0.50 TFO 32.84	
8,179.2	7,364.0	1,052.4	1,812.3	Start 10300.8 hold at 8179.2 MD	
18,480.0	7,374.0	1,044.5	1,097.2	TD at 18480.0	



Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks N-27-28HC

Wellbore #1

Plan #1 (8-02-17)

Anticollision Report

03 August, 2017



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	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	18,480.0	Plan #1 (8-02-17) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
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	14.9	14.3	22.146	CC
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,480.0	18,427.8	169.9	-412.6	0.292	Level 1, ES, SF
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	14.9	13.4	9.496	CC
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,480.0	18,318.8	195.6	-313.9	0.384	Level 1, ES, SF
G & D Hanks P-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	30.2	28.7	19.223	CC
G & D Hanks P-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,480.0	18,371.1	466.7	-128.9	0.784	Level 1, ES, SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	45.2	43.6	28.713	CC, ES
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,480.0	18,404.0	659.8	62.2	1.104	Level 2, SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	428.0	428.3	59.4	57.8	35.212	CC, ES
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	5,400.0	5,343.4	680.8	610.8	9.721	SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	75.0	73.5	47.698	CC, ES
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	4,600.0	4,524.3	794.1	740.6	14.845	SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	90.0	88.4	57.192	CC, ES
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	4,100.0	4,026.4	785.4	741.0	17.684	SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	104.9	104.2	155.600	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	300.0	299.5	105.2	104.0	94.712	ES
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	3,700.0	3,590.9	795.7	755.2	19.660	SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	120.2	118.6	76.411	CC, ES
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	3,200.0	3,077.2	777.8	746.4	24.765	SF
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	135.2	133.6	85.908	CC, ES
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	3,100.0	2,966.8	794.0	765.6	27.997	SF
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	150.1	149.4	222.604	CC, ES
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	2,700.0	2,537.5	768.8	744.4	31.491	SF
G & D HANKS PAD Sec.27-T7N-R66W						
G&D HANKS 10-27 - Wellbore #1 - Wellbore #1	9,708.3	7,455.7	326.0	248.0	4.178	CC, ES, SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	405.2	399.9	544.4	543.1	435.827	CC, ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	2,300.0	2,416.0	795.7	785.5	78.228	SF

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		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	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	66.439		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	14.9	0.0	14.9	14.3	0.67	22.146 CC		
300.0	300.0	299.8	299.8	0.6	0.6	3.96	15.7	1.1	15.7	14.6	1.12	14.032		
400.0	400.0	399.4	399.3	0.8	0.8	13.67	17.8	4.3	18.3	16.8	1.57	11.717		
500.0	500.0	498.8	498.5	1.0	1.0	-37.29	21.4	9.7	22.5	20.5	2.02	11.141		
600.0	599.9	598.1	597.4	1.2	1.3	-31.57	26.4	17.3	27.1	24.6	2.48	10.939		
700.0	699.7	697.3	695.9	1.5	1.6	-27.80	32.8	26.9	31.9	29.0	2.95	10.839		
800.0	799.3	796.4	793.9	1.7	1.9	-25.26	40.7	38.7	36.9	33.5	3.43	10.771		
900.0	898.6	895.3	891.4	2.0	2.2	-23.54	49.9	52.6	42.0	38.0	3.92	10.706		
1,000.0	997.5	994.1	988.3	2.3	2.6	-22.37	60.5	68.5	47.1	42.6	4.43	10.631		
1,100.0	1,096.1	1,092.7	1,084.6	2.6	3.0	-21.60	72.4	86.5	52.2	47.3	4.95	10.541		
1,200.0	1,194.2	1,191.2	1,180.1	3.0	3.5	-21.12	85.7	106.5	57.4	51.9	5.50	10.433		
1,300.0	1,291.7	1,289.6	1,274.9	3.4	4.0	-20.86	100.4	128.6	62.6	56.5	6.07	10.305		
1,400.0	1,388.6	1,387.9	1,368.8	3.9	4.6	-20.77	116.4	152.6	67.8	61.1	6.67	10.164		
1,500.0	1,484.9	1,486.0	1,461.9	4.4	5.2	-20.80	133.6	178.6	73.0	65.7	7.30	9.998		
1,600.0	1,580.4	1,584.0	1,553.9	4.9	5.8	-20.95	152.2	206.5	78.2	70.2	7.97	9.817		
1,700.0	1,675.0	1,681.9	1,645.0	5.5	6.5	-21.18	172.1	236.4	83.4	74.7	8.67	9.621		
1,800.0	1,768.9	1,779.7	1,735.0	6.2	7.3	-21.48	193.2	268.2	88.6	79.2	9.42	9.412		
1,900.0	1,861.7	1,877.3	1,824.0	6.9	8.1	-21.83	215.6	301.8	93.8	83.6	10.21	9.191		
2,000.0	1,953.6	1,977.1	1,914.1	7.7	8.9	-22.46	239.1	337.3	98.0	86.9	11.08	8.846		
2,011.7	1,964.3	1,988.8	1,924.7	7.8	9.0	-22.57	241.9	341.4	98.3	87.1	11.18	8.790		
2,100.0	2,044.9	2,077.0	2,004.5	8.5	9.8	-23.42	262.7	372.8	100.7	88.7	12.05	8.358		
2,200.0	2,136.1	2,177.0	2,094.9	9.3	10.6	-24.33	286.4	408.3	103.4	90.4	13.06	7.919		
2,300.0	2,227.3	2,276.9	2,185.3	10.1	11.5	-25.19	310.0	443.9	106.2	92.1	14.11	7.527		
2,400.0	2,318.5	2,376.9	2,275.7	11.0	12.4	-26.00	333.6	479.4	109.0	93.8	15.18	7.177		
2,500.0	2,409.8	2,476.8	2,366.1	11.8	13.3	-26.78	357.2	514.9	111.7	95.5	16.28	6.862		
2,600.0	2,501.0	2,576.8	2,456.5	12.6	14.1	-27.52	380.8	550.5	114.6	97.2	17.41	6.580		
2,700.0	2,592.2	2,676.7	2,546.8	13.5	15.0	-28.22	404.5	586.0	117.4	98.8	18.56	6.324		
2,800.0	2,683.5	2,776.7	2,637.2	14.3	15.9	-28.89	428.1	621.5	120.2	100.5	19.73	6.094		
2,900.0	2,774.7	2,876.6	2,727.6	15.1	16.8	-29.53	451.7	657.1	123.1	102.2	20.92	5.884		
3,000.0	2,865.9	2,976.6	2,818.0	16.0	17.6	-30.14	475.3	692.6	126.0	103.9	22.13	5.693		
3,100.0	2,957.2	3,076.5	2,908.4	16.8	18.5	-30.73	498.9	728.1	128.9	105.5	23.36	5.519		
3,200.0	3,048.4	3,176.5	2,998.8	17.7	19.4	-31.28	522.6	763.7	131.8	107.2	24.59	5.359		
3,300.0	3,139.6	3,276.4	3,089.2	18.5	20.3	-31.82	546.2	799.2	134.7	108.9	25.85	5.212		
3,400.0	3,230.8	3,376.4	3,179.5	19.4	21.2	-32.33	569.8	834.7	137.6	110.5	27.11	5.077		
3,500.0	3,322.1	3,476.3	3,269.9	20.2	22.1	-32.82	593.4	870.3	140.6	112.2	28.39	4.953		
3,600.0	3,413.3	3,576.3	3,360.3	21.1	22.9	-33.28	617.0	905.8	143.5	113.9	29.67	4.837		
3,700.0	3,504.5	3,676.2	3,450.7	21.9	23.8	-33.73	640.7	941.3	146.5	115.5	30.97	4.730		
3,800.0	3,595.8	3,776.2	3,541.1	22.8	24.7	-34.17	664.3	976.9	149.5	117.2	32.28	4.631		
3,900.0	3,687.0	3,876.1	3,631.5	23.6	25.6	-34.58	687.9	1,012.4	152.4	118.9	33.59	4.538		
4,000.0	3,778.2	3,976.1	3,721.8	24.5	26.5	-34.98	711.5	1,047.9	155.4	120.5	34.91	4.452		
4,100.0	3,869.4	4,076.0	3,812.2	25.3	27.4	-35.37	735.1	1,083.5	158.4	122.2	36.24	4.371		
4,200.0	3,960.7	4,176.0	3,902.6	26.2	28.2	-35.74	758.8	1,119.0	161.4	123.8	37.58	4.295		
4,300.0	4,051.9	4,275.9	3,993.0	27.0	29.1	-36.09	782.4	1,154.5	164.4	125.5	38.92	4.224		
4,400.0	4,143.1	4,375.9	4,083.4	27.9	30.0	-36.44	806.0	1,190.1	167.4	127.2	40.27	4.158		
4,500.0	4,234.4	4,475.8	4,173.8	28.7	30.9	-36.77	829.6	1,225.6	170.4	128.8	41.63	4.095		
4,600.0	4,325.6	4,575.8	4,264.2	29.6	31.8	-37.09	853.2	1,261.1	173.5	130.5	42.99	4.035		
4,700.0	4,416.8	4,675.7	4,354.5	30.4	32.7	-37.40	876.9	1,296.7	176.5	132.1	44.35	3.979		
4,800.0	4,508.0	4,775.7	4,444.9	31.3	33.6	-37.69	900.5	1,332.2	179.5	133.8	45.72	3.927		
4,900.0	4,599.3	4,875.6	4,535.3	32.1	34.4	-37.98	924.1	1,367.7	182.6	135.5	47.10	3.876		
5,000.0	4,690.5	4,975.6	4,625.7	33.0	35.3	-38.26	947.7	1,403.3	185.6	137.1	48.47	3.829		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,781.7	5,075.5	4,716.1	33.8	36.2	-38.53	971.3	1,438.8	188.7	138.8	49.86	3.784		
5,200.0	4,873.0	5,175.5	4,806.5	34.7	37.1	-38.79	995.0	1,474.3	191.7	140.5	51.24	3.741		
5,300.0	4,964.2	5,275.4	4,896.9	35.6	38.0	-39.05	1,018.6	1,509.8	194.8	142.1	52.63	3.700		
5,400.0	5,055.4	5,375.4	4,987.2	36.4	38.9	-39.29	1,042.2	1,545.4	197.8	143.8	54.02	3.662		
5,500.0	5,146.7	5,475.4	5,077.7	37.3	39.8	-39.53	1,065.8	1,580.9	200.9	145.5	55.42	3.625		
5,600.0	5,237.9	5,581.3	5,174.3	38.1	40.5	-40.11	1,089.9	1,617.1	202.4	145.5	56.98	3.553		
5,697.4	5,326.8	5,684.4	5,269.8	38.9	41.1	-41.32	1,111.3	1,649.4	201.2	142.2	58.94	3.413		
5,700.0	5,329.1	5,687.1	5,272.4	39.0	41.2	-41.36	1,111.9	1,650.2	201.1	142.1	59.00	3.409		
5,800.0	5,421.1	5,792.7	5,371.6	39.6	41.8	-42.92	1,131.8	1,680.2	198.4	137.3	61.08	3.247		
5,900.0	5,514.4	5,898.0	5,471.8	40.2	42.3	-44.51	1,149.7	1,707.1	195.5	132.4	63.11	3.097		
6,000.0	5,608.8	6,003.1	5,573.0	40.8	42.8	-46.13	1,165.5	1,730.9	192.5	127.4	65.08	2.957		
6,100.0	5,704.4	6,108.0	5,674.9	41.3	43.2	-47.80	1,179.2	1,751.5	189.4	122.4	67.00	2.826		
6,200.0	5,800.9	6,212.6	5,777.4	41.7	43.6	-49.50	1,190.8	1,769.0	186.1	117.3	68.85	2.703		
6,300.0	5,898.3	6,317.0	5,880.3	42.1	43.9	-51.26	1,200.3	1,783.3	182.8	112.2	70.63	2.588		
6,400.0	5,996.4	6,421.1	5,983.6	42.4	44.1	-53.07	1,207.7	1,794.4	179.4	107.0	72.34	2.480		
6,500.0	6,095.1	6,525.0	6,087.0	42.7	44.3	-54.94	1,213.0	1,802.4	175.9	101.9	73.98	2.378		
6,600.0	6,194.4	6,628.6	6,190.4	43.0	44.5	-56.86	1,216.3	1,807.3	172.4	96.8	75.54	2.282		
6,700.0	6,294.0	6,732.0	6,293.8	43.1	44.6	-58.86	1,217.4	1,809.0	168.8	91.8	77.02	2.191		
6,800.0	6,393.8	6,832.0	6,393.8	43.3	44.6	-60.42	1,217.4	1,809.0	166.0	87.9	78.12	2.125		
6,906.2	6,500.0	6,938.2	6,500.0	43.4	44.7	-1.15	1,217.4	1,809.0	165.1	108.6	56.42	2.926		
6,960.8	6,554.6	6,992.8	6,554.6	43.4	44.7	-1.15	1,217.4	1,809.0	165.1	108.5	56.52	2.920		
7,000.0	6,593.8	7,031.9	6,593.7	43.4	44.8	-1.25	1,217.4	1,808.7	165.1	108.6	56.51	2.921		
7,054.5	6,648.2	7,086.0	6,647.7	43.5	44.7	-2.50	1,217.4	1,805.1	165.1	109.6	55.56	2.973		
7,100.0	6,693.8	7,130.8	6,692.1	43.5	44.7	86.50	1,217.3	1,799.0	165.4	84.9	80.44	2.056		
7,150.0	6,743.5	7,179.7	6,739.9	43.5	44.6	84.74	1,217.2	1,789.3	165.8	84.5	81.27	2.040		
7,200.0	6,792.8	7,228.2	6,786.7	43.4	44.6	83.02	1,217.1	1,776.4	166.3	84.4	81.94	2.030		
7,250.0	6,841.4	7,276.5	6,832.2	43.3	44.4	81.35	1,216.9	1,760.4	167.0	84.5	82.43	2.026		
7,300.0	6,889.0	7,324.4	6,876.3	43.2	44.3	79.74	1,216.7	1,741.6	167.8	85.0	82.73	2.028		
7,350.0	6,935.5	7,372.0	6,918.7	43.1	44.2	78.20	1,216.5	1,720.0	168.7	85.8	82.85	2.036		
7,400.0	6,980.5	7,419.4	6,959.4	42.9	44.0	76.73	1,216.2	1,695.8	169.6	86.8	82.78	2.049		
7,450.0	7,024.0	7,466.5	6,998.2	42.8	43.8	75.33	1,215.9	1,669.1	170.7	88.1	82.54	2.067		
7,500.0	7,065.6	7,513.4	7,035.0	42.6	43.7	74.03	1,215.6	1,640.0	171.7	89.6	82.14	2.091		
7,550.0	7,105.1	7,560.0	7,069.6	42.4	43.5	72.81	1,215.2	1,608.8	172.8	91.2	81.58	2.118		
7,600.0	7,142.5	7,606.4	7,102.0	42.3	43.4	71.68	1,214.9	1,575.5	173.9	93.0	80.91	2.150		
7,650.0	7,177.4	7,652.7	7,132.0	42.1	43.2	70.64	1,214.5	1,540.4	175.0	94.9	80.12	2.184		
7,700.0	7,209.8	7,700.0	7,160.4	41.9	43.1	69.67	1,214.1	1,502.5	176.0	96.8	79.26	2.221		
7,750.0	7,239.4	7,744.7	7,184.7	41.8	42.9	68.85	1,213.6	1,465.1	177.0	98.6	78.36	2.259		
7,800.0	7,266.1	7,790.4	7,207.3	41.7	42.8	68.10	1,213.2	1,425.3	177.9	100.5	77.43	2.298		
7,850.0	7,289.8	7,836.1	7,227.1	41.5	42.7	67.45	1,212.8	1,384.2	178.7	102.2	76.52	2.336		
7,900.0	7,310.4	7,881.6	7,244.3	41.5	42.6	66.89	1,212.3	1,342.0	179.5	103.8	75.63	2.373		
7,950.0	7,327.8	7,927.1	7,258.8	41.4	42.6	66.43	1,211.8	1,298.9	180.1	105.3	74.81	2.407		
8,000.0	7,341.8	7,972.4	7,270.4	41.4	42.5	66.07	1,211.3	1,255.1	180.6	106.5	74.07	2.438		
8,050.0	7,352.4	8,017.8	7,279.3	41.4	42.5	65.80	1,210.8	1,210.6	180.9	107.5	73.44	2.464		
8,100.0	7,359.7	8,063.0	7,285.3	41.4	42.5	65.63	1,210.3	1,165.8	181.2	108.2	72.94	2.484		
8,150.0	7,363.4	8,108.3	7,288.5	41.5	42.6	65.56	1,209.8	1,120.6	181.3	108.7	72.56	2.498		
8,178.0	7,364.0	8,133.7	7,289.0	41.5	42.6	65.56	1,209.6	1,095.2	181.3	108.9	72.42	2.503		
8,178.1	7,364.0	8,133.8	7,289.0	41.5	42.6	65.56	1,209.6	1,095.1	181.3	108.9	72.42	2.503		
8,179.2	7,364.0	8,134.9	7,289.0	41.5	42.6	65.56	1,209.6	1,094.1	181.3	108.9	72.43	2.503		
8,200.0	7,364.0	8,155.7	7,289.1	41.6	42.6	65.58	1,209.3	1,073.2	181.2	108.6	72.67	2.494		
8,300.0	7,364.1	8,255.7	7,289.5	41.9	42.8	65.68	1,208.2	973.2	181.1	107.1	74.01	2.447		
8,400.0	7,364.2	8,355.7	7,290.0	42.3	43.2	65.78	1,207.1	873.2	181.0	105.3	75.66	2.392		
8,500.0	7,364.3	8,455.7	7,290.4	43.0	43.7	65.88	1,206.0	773.2	180.8	103.2	77.63	2.329		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.0	7,364.4	8,555.7	7,290.8	43.8	44.4	65.98	1,204.9	673.2	180.7	100.8	79.88	2.262		
8,700.0	7,364.5	8,655.7	7,291.3	44.8	45.3	66.07	1,203.9	573.3	180.5	98.1	82.41	2.191		
8,800.0	7,364.6	8,755.7	7,291.7	45.9	46.4	66.17	1,202.8	473.3	180.4	95.2	85.18	2.118		
8,900.0	7,364.7	8,855.7	7,292.2	47.3	47.6	66.27	1,201.7	373.3	180.3	92.1	88.17	2.045		
9,000.0	7,364.8	8,955.7	7,292.6	48.8	49.0	66.37	1,200.6	273.3	180.1	88.8	91.36	1.972		
9,100.0	7,364.9	9,055.7	7,293.0	50.4	50.5	66.47	1,199.5	173.3	180.0	85.3	94.74	1.900		
9,200.0	7,365.0	9,155.7	7,293.5	52.1	52.2	66.57	1,198.4	73.3	179.9	81.6	98.28	1.830		
9,300.0	7,365.1	9,255.7	7,293.9	54.0	54.0	66.67	1,197.3	-26.7	179.7	77.8	101.98	1.762		
9,400.0	7,365.2	9,355.7	7,294.3	55.9	55.9	66.77	1,196.2	-126.7	179.6	73.8	105.81	1.697		
9,500.0	7,365.3	9,455.7	7,294.8	57.9	57.9	66.87	1,195.1	-226.7	179.5	69.7	109.75	1.635		
9,600.0	7,365.4	9,555.7	7,295.2	60.0	60.0	66.97	1,194.0	-326.7	179.3	65.5	113.81	1.576		
9,700.0	7,365.5	9,655.7	7,295.7	62.2	62.1	67.07	1,192.9	-426.7	179.2	61.2	117.97	1.519		
9,800.0	7,365.6	9,755.7	7,296.1	64.4	64.3	67.17	1,191.8	-526.7	179.1	56.8	122.22	1.465 Level 3		
9,900.0	7,365.7	9,855.7	7,296.5	66.7	66.6	67.27	1,190.7	-626.7	178.9	52.4	126.55	1.414 Level 3		
10,000.0	7,365.8	9,955.7	7,297.0	69.0	68.9	67.37	1,189.6	-726.6	178.8	47.8	130.96	1.365 Level 3		
10,100.0	7,365.9	10,055.7	7,297.4	71.3	71.2	67.47	1,188.5	-826.6	178.7	43.2	135.43	1.319 Level 3		
10,200.0	7,366.0	10,155.7	7,297.8	73.7	73.6	67.57	1,187.4	-926.6	178.5	38.6	139.97	1.276 Level 3		
10,300.0	7,366.1	10,255.7	7,298.3	76.2	76.0	67.67	1,186.3	-1,026.6	178.4	33.8	144.56	1.234 Level 2		
10,400.0	7,366.2	10,355.7	7,298.7	78.6	78.5	67.77	1,185.2	-1,126.6	178.3	29.1	149.20	1.195 Level 2		
10,500.0	7,366.3	10,455.7	7,299.2	81.1	81.0	67.87	1,184.1	-1,226.6	178.1	24.2	153.90	1.158 Level 2		
10,600.0	7,366.4	10,555.7	7,299.6	83.6	83.4	67.97	1,183.1	-1,326.6	178.0	19.4	158.64	1.122 Level 2		
10,700.0	7,366.4	10,655.7	7,300.0	86.1	86.0	68.08	1,182.0	-1,426.6	177.9	14.5	163.42	1.089 Level 2		
10,800.0	7,366.5	10,755.7	7,300.5	88.6	88.5	68.18	1,180.9	-1,526.6	177.8	9.5	168.24	1.057 Level 2		
10,900.0	7,366.6	10,855.7	7,300.9	91.2	91.0	68.28	1,179.8	-1,626.6	177.6	4.5	173.09	1.026 Level 2		
11,000.0	7,366.7	10,955.7	7,301.3	93.7	93.6	68.38	1,178.7	-1,726.6	177.5	-0.5	177.98	0.997 Level 1		
11,100.0	7,366.8	11,055.7	7,301.8	96.3	96.2	68.48	1,177.6	-1,826.6	177.4	-5.5	182.90	0.970 Level 1		
11,200.0	7,366.9	11,155.7	7,302.2	98.9	98.8	68.58	1,176.5	-1,926.6	177.3	-10.6	187.85	0.944 Level 1		
11,300.0	7,367.0	11,255.7	7,302.7	101.5	101.4	68.69	1,175.4	-2,026.5	177.1	-15.7	192.82	0.919 Level 1		
11,400.0	7,367.1	11,355.7	7,303.1	104.1	104.0	68.79	1,174.3	-2,126.5	177.0	-20.8	197.83	0.895 Level 1		
11,500.0	7,367.2	11,455.7	7,303.5	106.8	106.6	68.89	1,173.2	-2,226.5	176.9	-26.0	202.85	0.872 Level 1		
11,600.0	7,367.3	11,555.7	7,304.0	109.4	109.3	68.99	1,172.1	-2,326.5	176.8	-31.1	207.91	0.850 Level 1		
11,700.0	7,367.4	11,655.7	7,304.4	112.0	111.9	69.10	1,171.0	-2,426.5	176.6	-36.3	212.98	0.829 Level 1		
11,800.0	7,367.5	11,755.7	7,304.8	114.7	114.6	69.20	1,169.9	-2,526.5	176.5	-41.6	218.07	0.809 Level 1		
11,900.0	7,367.6	11,855.7	7,305.3	117.4	117.2	69.30	1,168.8	-2,626.5	176.4	-46.8	223.19	0.790 Level 1		
12,000.0	7,367.7	11,955.7	7,305.7	120.0	119.9	69.41	1,167.7	-2,726.5	176.3	-52.0	228.32	0.772 Level 1		
12,100.0	7,367.8	12,055.7	7,306.1	122.7	122.6	69.51	1,166.6	-2,826.5	176.2	-57.3	233.47	0.755 Level 1		
12,200.0	7,367.9	12,155.7	7,306.6	125.4	125.3	69.61	1,165.5	-2,926.5	176.0	-62.6	238.64	0.738 Level 1		
12,300.0	7,368.0	12,255.7	7,307.0	128.1	127.9	69.72	1,164.4	-3,026.5	175.9	-67.9	243.82	0.721 Level 1		
12,400.0	7,368.1	12,355.7	7,307.5	130.8	130.6	69.82	1,163.3	-3,126.5	175.8	-73.2	249.02	0.706 Level 1		
12,500.0	7,368.2	12,455.7	7,307.9	133.4	133.3	69.93	1,162.3	-3,226.5	175.7	-78.6	254.24	0.691 Level 1		
12,600.0	7,368.3	12,555.7	7,308.3	136.1	136.0	70.03	1,161.2	-3,326.5	175.6	-83.9	259.47	0.677 Level 1		
12,700.0	7,368.4	12,655.7	7,308.8	138.9	138.7	70.13	1,160.1	-3,426.4	175.4	-89.3	264.72	0.663 Level 1		
12,800.0	7,368.5	12,755.7	7,309.2	141.6	141.4	70.24	1,159.0	-3,526.4	175.3	-94.6	269.97	0.649 Level 1		
12,900.0	7,368.6	12,855.7	7,309.6	144.3	144.2	70.34	1,157.9	-3,626.4	175.2	-100.0	275.25	0.637 Level 1		
13,000.0	7,368.7	12,955.7	7,310.1	147.0	146.9	70.45	1,156.8	-3,726.4	175.1	-105.4	280.53	0.624 Level 1		
13,100.0	7,368.8	13,055.7	7,310.5	149.7	149.6	70.55	1,155.7	-3,826.4	175.0	-110.8	285.83	0.612 Level 1		
13,200.0	7,368.9	13,155.7	7,311.0	152.4	152.3	70.66	1,154.6	-3,926.4	174.9	-116.3	291.14	0.601 Level 1		
13,300.0	7,369.0	13,255.7	7,311.4	155.2	155.0	70.76	1,153.5	-4,026.4	174.8	-121.7	296.46	0.589 Level 1		
13,400.0	7,369.1	13,355.7	7,311.8	157.9	157.8	70.87	1,152.4	-4,126.4	174.6	-127.1	301.79	0.579 Level 1		
13,500.0	7,369.2	13,455.7	7,312.3	160.6	160.5	70.97	1,151.3	-4,226.4	174.5	-132.6	307.13	0.568 Level 1		
13,600.0	7,369.3	13,555.7	7,312.7	163.3	163.2	71.08	1,150.2	-4,326.4	174.4	-138.1	312.49	0.558 Level 1		
13,700.0	7,369.4	13,655.7	7,313.1	166.1	166.0	71.18	1,149.1	-4,426.4	174.3	-143.5	317.85	0.548 Level 1		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.0	7,369.5	13,755.7	7,313.6	168.8	168.7	71.29	1,148.0	-4,526.4	174.2	-149.0	323.22	0.539	Level 1	
13,900.0	7,369.6	13,855.7	7,314.0	171.6	171.4	71.40	1,146.9	-4,626.4	174.1	-154.5	328.61	0.530	Level 1	
14,000.0	7,369.7	13,955.7	7,314.5	174.3	174.2	71.50	1,145.8	-4,726.3	174.0	-160.0	334.00	0.521	Level 1	
14,100.0	7,369.7	14,055.7	7,314.9	177.1	176.9	71.61	1,144.7	-4,826.3	173.9	-165.5	339.40	0.512	Level 1	
14,200.0	7,369.8	14,155.7	7,315.3	179.8	179.7	71.71	1,143.6	-4,926.3	173.8	-171.0	344.82	0.504	Level 1	
14,300.0	7,369.9	14,255.7	7,315.8	182.6	182.4	71.82	1,142.5	-5,026.3	173.7	-176.6	350.24	0.496	Level 1	
14,400.0	7,370.0	14,355.7	7,316.2	185.3	185.2	71.93	1,141.5	-5,126.3	173.6	-182.1	355.67	0.488	Level 1	
14,500.0	7,370.1	14,455.7	7,316.6	188.1	187.9	72.03	1,140.4	-5,226.3	173.4	-187.7	361.10	0.480	Level 1	
14,600.0	7,370.2	14,555.7	7,317.1	190.8	190.7	72.14	1,139.3	-5,326.3	173.3	-193.2	366.55	0.473	Level 1	
14,700.0	7,370.3	14,655.7	7,317.5	193.6	193.4	72.25	1,138.2	-5,426.3	173.2	-198.8	372.00	0.466	Level 1	
14,800.0	7,370.4	14,755.7	7,317.9	196.3	196.2	72.36	1,137.1	-5,526.3	173.1	-204.3	377.46	0.459	Level 1	
14,900.0	7,370.5	14,855.7	7,318.4	199.1	199.0	72.46	1,136.0	-5,626.3	173.0	-209.9	382.93	0.452	Level 1	
15,000.0	7,370.6	14,955.7	7,318.8	201.8	201.7	72.57	1,134.9	-5,726.3	172.9	-215.5	388.41	0.445	Level 1	
15,100.0	7,370.7	15,055.7	7,319.3	204.6	204.5	72.68	1,133.8	-5,826.3	172.8	-221.1	393.90	0.439	Level 1	
15,200.0	7,370.8	15,155.7	7,319.7	207.4	207.3	72.79	1,132.7	-5,926.3	172.7	-226.7	399.39	0.432	Level 1	
15,300.0	7,370.9	15,255.7	7,320.1	210.1	210.0	72.89	1,131.6	-6,026.2	172.6	-232.3	404.89	0.426	Level 1	
15,400.0	7,371.0	15,355.7	7,320.6	212.9	212.8	73.00	1,130.5	-6,126.2	172.5	-237.9	410.39	0.420	Level 1	
15,500.0	7,371.1	15,455.7	7,321.0	215.7	215.5	73.11	1,129.4	-6,226.2	172.4	-243.5	415.91	0.415	Level 1	
15,600.0	7,371.2	15,555.7	7,321.4	218.4	218.3	73.22	1,128.3	-6,326.2	172.3	-249.1	421.42	0.409	Level 1	
15,700.0	7,371.3	15,655.7	7,321.9	221.2	221.1	73.32	1,127.2	-6,426.2	172.2	-254.7	426.95	0.403	Level 1	
15,800.0	7,371.4	15,755.7	7,322.3	224.0	223.9	73.43	1,126.1	-6,526.2	172.1	-260.4	432.48	0.398	Level 1	
15,900.0	7,371.5	15,855.7	7,322.8	226.7	226.6	73.54	1,125.0	-6,626.2	172.0	-266.0	438.02	0.393	Level 1	
16,000.0	7,371.6	15,955.7	7,323.2	229.5	229.4	73.65	1,123.9	-6,726.2	171.9	-271.6	443.57	0.388	Level 1	
16,100.0	7,371.7	16,055.7	7,323.6	232.3	232.2	73.76	1,122.8	-6,826.2	171.8	-277.3	449.12	0.383	Level 1	
16,200.0	7,371.8	16,155.7	7,324.1	235.1	234.9	73.87	1,121.7	-6,926.2	171.7	-282.9	454.68	0.378	Level 1	
16,300.0	7,371.9	16,255.7	7,324.5	237.8	237.7	73.98	1,120.7	-7,026.2	171.6	-288.6	460.24	0.373	Level 1	
16,400.0	7,372.0	16,355.7	7,324.9	240.6	240.5	74.09	1,119.6	-7,126.2	171.6	-294.3	465.81	0.368	Level 1	
16,500.0	7,372.1	16,455.7	7,325.4	243.4	243.3	74.20	1,118.5	-7,226.2	171.5	-299.9	471.38	0.364	Level 1	
16,600.0	7,372.2	16,555.7	7,325.8	246.2	246.0	74.30	1,117.4	-7,326.1	171.4	-305.6	476.96	0.359	Level 1	
16,700.0	7,372.3	16,655.7	7,326.3	248.9	248.8	74.41	1,116.3	-7,426.1	171.3	-311.3	482.55	0.355	Level 1	
16,800.0	7,372.4	16,755.7	7,326.7	251.7	251.6	74.52	1,115.2	-7,526.1	171.2	-317.0	488.14	0.351	Level 1	
16,900.0	7,372.5	16,855.7	7,327.1	254.5	254.4	74.63	1,114.1	-7,626.1	171.1	-322.6	493.74	0.347	Level 1	
17,000.0	7,372.6	16,955.7	7,327.6	257.3	257.2	74.74	1,113.0	-7,726.1	171.0	-328.3	499.34	0.342	Level 1	
17,100.0	7,372.7	17,055.7	7,328.0	260.1	259.9	74.85	1,111.9	-7,826.1	170.9	-334.0	504.94	0.338	Level 1	
17,200.0	7,372.8	17,155.7	7,328.4	262.8	262.7	74.96	1,110.8	-7,926.1	170.8	-339.7	510.56	0.335	Level 1	
17,300.0	7,372.9	17,255.7	7,328.9	265.6	265.5	75.07	1,109.7	-8,026.1	170.7	-345.4	516.17	0.331	Level 1	
17,400.0	7,373.0	17,355.7	7,329.3	268.4	268.3	75.18	1,108.6	-8,126.1	170.6	-351.1	521.79	0.327	Level 1	
17,500.0	7,373.0	17,455.7	7,329.8	271.2	271.1	75.29	1,107.5	-8,226.1	170.6	-356.9	527.42	0.323	Level 1	
17,600.0	7,373.1	17,555.7	7,330.2	274.0	273.8	75.40	1,106.4	-8,326.1	170.5	-362.6	533.05	0.320	Level 1	
17,700.0	7,373.2	17,655.7	7,330.6	276.7	276.6	75.51	1,105.3	-8,426.1	170.4	-368.3	538.68	0.316	Level 1	
17,800.0	7,373.3	17,755.7	7,331.1	279.5	279.4	75.63	1,104.2	-8,526.1	170.3	-374.0	544.32	0.313	Level 1	
17,900.0	7,373.4	17,855.7	7,331.5	282.3	282.2	75.74	1,103.1	-8,626.1	170.2	-379.8	549.97	0.309	Level 1	
18,000.0	7,373.5	17,955.7	7,331.9	285.1	285.0	75.85	1,102.0	-8,726.0	170.1	-385.5	555.62	0.306	Level 1	
18,100.0	7,373.6	18,055.7	7,332.4	287.9	287.8	75.96	1,100.9	-8,826.0	170.0	-391.2	561.27	0.303	Level 1	
18,200.0	7,373.7	18,155.7	7,332.8	290.7	290.6	76.07	1,099.9	-8,926.0	170.0	-397.0	566.92	0.300	Level 1	
18,300.0	7,373.8	18,255.7	7,333.2	293.5	293.3	76.18	1,098.8	-9,026.0	169.9	-402.7	572.59	0.297	Level 1	
18,400.0	7,373.9	18,355.7	7,333.7	296.2	296.1	76.29	1,097.7	-9,126.0	169.8	-408.5	578.25	0.294	Level 1	
18,456.3	7,374.0	18,412.0	7,333.9	297.8	297.7	76.35	1,097.0	-9,182.3	169.8	-411.7	581.44	0.292	Level 1	
18,480.0	7,374.0	18,427.8	7,334.0	298.5	298.1	76.37	1,096.9	-9,198.1	169.9	-412.6	582.55	0.292	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-14.9	0.0	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-14.9	0.0	14.9	14.7	0.22	66.474		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-14.9	0.0	14.9	14.3	0.67	22.158		
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-14.9	0.0	14.9	13.8	1.12	13.295		
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-14.9	0.0	14.9	13.4	1.57	9.496 CC		
500.0	500.0	500.0	500.0	1.0	1.0	124.28	-14.9	0.0	15.6	13.6	2.02	7.747		
600.0	599.9	599.9	599.9	1.2	1.2	134.55	-14.9	0.0	18.1	15.7	2.47	7.353		
700.0	699.7	700.2	700.1	1.5	1.5	144.07	-14.4	1.2	22.2	19.3	2.92	7.604		
800.0	799.3	800.5	800.4	1.7	1.7	150.23	-12.6	4.7	26.7	23.4	3.37	7.934		
900.0	898.6	901.1	900.7	2.0	1.9	154.28	-9.7	10.6	31.5	27.7	3.83	8.241		
1,000.0	997.5	1,001.7	1,001.0	2.3	2.1	156.99	-5.5	18.9	36.5	32.2	4.30	8.502		
1,100.0	1,096.1	1,102.5	1,101.0	2.6	2.4	158.83	-0.2	29.5	41.6	36.9	4.78	8.713		
1,200.0	1,194.2	1,203.4	1,200.9	3.0	2.7	160.06	6.3	42.6	46.8	41.6	5.28	8.875		
1,300.0	1,291.7	1,304.5	1,300.5	3.4	3.0	160.86	14.0	58.0	52.1	46.3	5.79	8.991		
1,400.0	1,388.6	1,405.7	1,399.7	3.9	3.4	161.34	22.8	75.8	57.3	51.0	6.32	9.063		
1,500.0	1,484.9	1,507.0	1,498.5	4.4	3.8	161.59	32.9	95.9	62.6	55.7	6.88	9.095		
1,600.0	1,580.4	1,608.5	1,596.8	4.9	4.3	161.66	44.1	118.5	67.9	60.5	7.47	9.091		
1,700.0	1,675.0	1,710.1	1,694.5	5.5	4.8	161.58	56.5	143.4	73.3	65.2	8.09	9.053		
1,800.0	1,768.9	1,811.8	1,791.6	6.2	5.3	161.39	70.1	170.6	78.6	69.9	8.75	8.982		
1,900.0	1,861.7	1,913.7	1,887.9	6.9	5.9	161.10	84.8	200.2	84.0	74.5	9.46	8.882		
2,000.0	1,953.6	2,015.7	1,983.5	7.7	6.6	160.74	100.8	232.1	89.4	79.2	10.21	8.756		
2,011.7	1,964.3	2,027.6	1,994.6	7.8	6.7	160.69	102.7	236.0	90.0	79.7	10.30	8.738		
2,100.0	2,044.9	2,117.8	2,078.2	8.5	7.3	160.12	117.8	266.4	93.8	82.7	11.06	8.481		
2,200.0	2,136.1	2,220.1	2,172.0	9.3	8.1	158.91	136.0	302.9	95.8	83.8	12.02	7.966		
2,300.0	2,227.3	2,321.4	2,263.8	10.1	9.0	157.13	155.1	341.1	95.7	82.5	13.12	7.289		
2,400.0	2,318.5	2,421.3	2,354.3	11.0	9.8	155.25	174.0	379.1	95.3	81.0	14.31	6.657		
2,500.0	2,409.8	2,521.3	2,444.8	11.8	10.6	153.36	193.0	417.1	95.0	79.4	15.59	6.096		
2,600.0	2,501.0	2,621.2	2,535.2	12.6	11.5	151.47	211.9	455.1	94.8	77.9	16.94	5.598		
2,700.0	2,592.2	2,721.2	2,625.7	13.5	12.4	149.56	230.8	493.1	94.8	76.4	18.37	5.157		
2,719.1	2,609.6	2,740.2	2,643.0	13.6	12.5	149.20	234.5	500.4	94.8	76.1	18.66	5.079		
2,800.0	2,683.5	2,821.1	2,716.2	14.3	13.2	147.66	249.8	531.1	94.8	74.9	19.88	4.767		
2,900.0	2,774.7	2,921.1	2,806.7	15.1	14.1	145.76	268.7	569.1	94.9	73.5	21.47	4.422		
3,000.0	2,865.9	3,021.0	2,897.1	16.0	15.0	143.87	287.7	607.2	95.2	72.1	23.12	4.117		
3,100.0	2,957.2	3,121.0	2,987.6	16.8	15.9	141.99	306.6	645.2	95.5	70.7	24.83	3.846		
3,200.0	3,048.4	3,220.9	3,078.1	17.7	16.7	140.12	325.6	683.2	96.0	69.4	26.61	3.607		
3,300.0	3,139.6	3,320.9	3,168.6	18.5	17.6	138.28	344.5	721.2	96.5	68.1	28.43	3.394		
3,400.0	3,230.8	3,420.8	3,259.1	19.4	18.5	136.45	363.5	759.2	97.2	66.9	30.30	3.206		
3,500.0	3,322.1	3,520.8	3,349.5	20.2	19.4	134.65	382.4	797.2	97.9	65.7	32.22	3.039		
3,600.0	3,413.3	3,620.7	3,440.0	21.1	20.3	132.89	401.4	835.2	98.7	64.6	34.17	2.890		
3,700.0	3,504.5	3,720.7	3,530.5	21.9	21.1	131.15	420.3	873.2	99.7	63.5	36.14	2.757		
3,800.0	3,595.8	3,820.6	3,621.0	22.8	22.0	129.44	439.2	911.2	100.7	62.5	38.15	2.639		
3,900.0	3,687.0	3,920.6	3,711.5	23.6	22.9	127.78	458.2	949.2	101.8	61.6	40.17	2.534		
4,000.0	3,778.2	4,020.5	3,801.9	24.5	23.8	126.15	477.1	987.3	103.0	60.8	42.21	2.440		
4,100.0	3,869.4	4,120.5	3,892.4	25.3	24.7	124.55	496.1	1,025.3	104.3	60.0	44.26	2.356		
4,200.0	3,960.7	4,220.4	3,982.9	26.2	25.6	123.00	515.0	1,063.3	105.6	59.3	46.32	2.280		
4,300.0	4,051.9	4,320.4	4,073.4	27.0	26.5	121.49	534.0	1,101.3	107.0	58.7	48.39	2.212		
4,400.0	4,143.1	4,420.3	4,163.8	27.9	27.4	120.02	552.9	1,139.3	108.5	58.1	50.45	2.152		
4,500.0	4,234.4	4,520.3	4,254.3	28.7	28.2	118.59	571.9	1,177.3	110.1	57.6	52.51	2.097		
4,600.0	4,325.6	4,620.2	4,344.8	29.6	29.1	117.20	590.8	1,215.3	111.8	57.2	54.57	2.048		
4,700.0	4,416.8	4,720.2	4,435.3	30.4	30.0	115.85	609.7	1,253.3	113.5	56.8	56.62	2.004		
4,800.0	4,508.0	4,820.1	4,525.8	31.3	30.9	114.54	628.7	1,291.3	115.2	56.6	58.66	1.964		
4,900.0	4,599.3	4,920.1	4,616.2	32.1	31.8	113.27	647.6	1,329.3	117.0	56.3	60.70	1.928		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,690.5	5,020.0	4,706.7	33.0	32.7	112.04	666.6	1,367.4	118.9	56.2	62.72	1.896		
5,100.0	4,781.7	5,120.0	4,797.2	33.8	33.6	110.85	685.5	1,405.4	120.8	56.1	64.73	1.867		
5,200.0	4,873.0	5,219.9	4,887.7	34.7	34.5	109.70	704.5	1,443.4	122.8	56.1	66.73	1.841		
5,300.0	4,964.2	5,319.9	4,978.2	35.6	35.4	108.59	723.4	1,481.4	124.9	56.1	68.72	1.817		
5,400.0	5,055.4	5,419.8	5,068.6	36.4	36.3	107.51	742.4	1,519.4	126.9	56.2	70.69	1.795		
5,500.0	5,146.7	5,519.8	5,159.1	37.3	37.2	106.46	761.3	1,557.4	129.0	56.4	72.65	1.776		
5,600.0	5,237.9	5,619.0	5,249.3	38.1	37.9	105.86	779.7	1,594.4	131.4	57.0	74.40	1.766		
5,697.4	5,326.8	5,715.4	5,338.2	38.9	38.6	106.62	796.3	1,627.7	134.4	58.8	75.63	1.777		
5,700.0	5,329.1	5,717.9	5,340.6	39.0	38.6	106.65	796.8	1,628.5	134.5	58.9	75.65	1.778		
5,800.0	5,421.1	5,816.7	5,432.9	39.6	39.2	108.13	812.3	1,659.8	137.9	61.5	76.46	1.804		
5,900.0	5,514.4	5,915.3	5,526.3	40.2	39.7	109.54	826.5	1,688.2	141.2	64.1	77.14	1.831		
6,000.0	5,608.8	6,013.7	5,620.6	40.8	40.2	110.90	839.2	1,713.6	144.4	66.7	77.69	1.859		
6,100.0	5,704.4	6,112.1	5,715.7	41.3	40.6	112.19	850.4	1,736.1	147.4	69.3	78.11	1.887		
6,200.0	5,800.9	6,210.3	5,811.4	41.7	41.0	113.45	860.1	1,755.6	150.3	71.9	78.40	1.917		
6,300.0	5,898.3	6,308.4	5,907.8	42.1	41.3	114.66	868.4	1,772.2	153.0	74.4	78.57	1.947		
6,400.0	5,996.4	6,406.4	6,004.5	42.4	41.6	115.83	875.1	1,785.8	155.6	76.9	78.63	1.978		
6,500.0	6,095.1	6,504.2	6,101.7	42.7	41.8	116.97	880.4	1,796.4	157.9	79.4	78.56	2.010		
6,600.0	6,194.4	6,602.0	6,199.0	43.0	42.0	118.08	884.2	1,804.0	160.2	81.8	78.39	2.043		
6,700.0	6,294.0	6,700.0	6,296.9	43.1	42.2	119.17	886.5	1,808.6	162.2	84.1	78.10	2.077		
6,800.0	6,393.8	6,797.1	6,394.0	43.3	42.2	120.23	887.4	1,810.3	164.1	86.4	77.70	2.111		
6,906.2	6,500.0	6,903.1	6,500.0	43.4	42.3	-179.29	887.4	1,810.3	165.1	111.4	53.65	3.076		
7,000.0	6,593.8	6,995.7	6,592.3	43.4	42.3	-176.91	887.3	1,803.4	165.4	109.6	55.75	2.966		
7,054.5	6,648.2	7,048.2	6,644.0	43.5	42.2	-173.75	887.2	1,794.2	166.3	107.9	58.39	2.848		
7,100.0	6,693.8	7,091.2	6,685.7	43.5	42.2	-79.95	887.1	1,783.9	167.7	95.7	72.01	2.329		
7,150.0	6,743.5	7,137.9	6,730.2	43.5	42.1	-76.60	886.9	1,769.9	169.8	100.4	69.47	2.444		
7,200.0	6,792.8	7,183.9	6,773.2	43.4	41.9	-73.41	886.7	1,753.2	172.5	105.6	66.87	2.579		
7,250.0	6,841.4	7,229.5	6,814.5	43.3	41.8	-70.39	886.5	1,734.1	175.5	111.3	64.27	2.731		
7,300.0	6,889.0	7,274.5	6,854.1	43.2	41.7	-67.58	886.3	1,712.6	179.0	117.2	61.72	2.900		
7,350.0	6,935.5	7,319.1	6,891.8	43.1	41.5	-64.96	886.0	1,688.9	182.7	123.4	59.26	3.082		
7,400.0	6,980.5	7,363.3	6,927.7	42.9	41.4	-62.55	885.7	1,663.2	186.5	129.6	56.93	3.276		
7,450.0	7,024.0	7,407.0	6,961.6	42.8	41.2	-60.34	885.4	1,635.6	190.5	135.8	54.75	3.479		
7,500.0	7,065.6	7,450.0	6,993.3	42.6	41.1	-58.34	885.1	1,606.5	194.5	141.7	52.77	3.686		
7,550.0	7,105.1	7,493.5	7,023.4	42.4	40.9	-56.51	884.8	1,575.2	198.5	147.5	50.97	3.894		
7,600.0	7,142.5	7,536.2	7,051.2	42.3	40.8	-54.87	884.4	1,542.7	202.4	152.9	49.42	4.094		
7,650.0	7,177.4	7,578.7	7,076.8	42.1	40.7	-53.41	884.0	1,508.9	206.1	157.9	48.13	4.282		
7,700.0	7,209.8	7,620.9	7,100.2	41.9	40.6	-52.11	883.6	1,473.8	209.6	162.5	47.13	4.447		
7,750.0	7,239.4	7,662.9	7,121.4	41.8	40.6	-50.97	883.2	1,437.5	212.9	166.4	46.43	4.584		
7,800.0	7,266.1	7,704.7	7,140.3	41.7	40.5	-49.98	882.8	1,400.3	215.8	169.8	46.07	4.685		
7,850.0	7,289.8	7,750.0	7,158.4	41.5	40.5	-49.08	882.4	1,358.7	218.5	172.5	46.00	4.750		
7,900.0	7,310.4	7,787.8	7,171.4	41.5	40.5	-48.43	882.0	1,323.3	220.8	174.4	46.40	4.758		
7,950.0	7,327.8	7,829.1	7,183.5	41.4	40.5	-47.85	881.5	1,283.7	222.7	175.6	47.09	4.730		
8,000.0	7,341.8	7,870.4	7,193.3	41.4	40.5	-47.40	881.1	1,243.6	224.3	176.2	48.10	4.662		
8,050.0	7,352.4	7,911.6	7,200.7	41.4	40.5	-47.08	880.7	1,203.1	225.4	176.0	49.42	4.561		
8,100.0	7,359.7	7,950.0	7,205.5	41.4	40.6	-46.88	880.2	1,165.0	226.2	175.2	50.99	4.435		
8,150.0	7,363.4	7,993.8	7,208.5	41.5	40.7	-46.79	879.8	1,121.3	226.4	173.6	52.82	4.287		
8,178.0	7,364.0	8,016.9	7,209.0	41.5	40.8	-46.80	879.5	1,098.3	226.4	172.5	53.92	4.199		
8,178.1	7,364.0	8,017.0	7,209.0	41.5	40.8	-46.80	879.5	1,098.2	226.4	172.5	53.92	4.199		
8,179.2	7,364.0	8,018.0	7,209.0	41.5	40.8	-46.80	879.5	1,097.1	226.4	172.5	53.93	4.198		
8,200.0	7,364.0	8,038.9	7,209.1	41.6	40.9	-46.82	879.3	1,076.3	226.3	172.2	54.14	4.181		
8,300.0	7,364.1	8,138.9	7,209.7	41.9	41.3	-46.91	878.2	976.3	226.0	170.7	55.27	4.089		
8,400.0	7,364.2	8,238.9	7,210.3	42.3	41.9	-47.00	877.1	876.3	225.7	169.0	56.69	3.981		
8,500.0	7,364.3	8,338.9	7,210.9	43.0	42.7	-47.09	876.0	776.3	225.3	167.0	58.40	3.859		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design				G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-17)										Offset Site Error:		0.0 ft
Survey Program: 0-MWD														Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
8,600.0	7,364.4	8,438.9	7,211.5	43.8	43.6	-47.18	874.9	676.3	225.0	164.7	60.35	3.728				
8,700.0	7,364.5	8,538.9	7,212.0	44.8	44.7	-47.27	873.8	576.3	224.7	162.1	62.55	3.592				
8,800.0	7,364.6	8,638.9	7,212.6	45.9	46.0	-47.36	872.7	476.3	224.4	159.4	64.95	3.454				
8,900.0	7,364.7	8,738.9	7,213.2	47.3	47.4	-47.45	871.6	376.3	224.0	156.5	67.55	3.316				
9,000.0	7,364.8	8,838.9	7,213.8	48.8	49.0	-47.54	870.5	276.3	223.7	153.4	70.33	3.181				
9,100.0	7,364.9	8,938.9	7,214.4	50.4	50.7	-47.63	869.4	176.3	223.4	150.1	73.25	3.049				
9,200.0	7,365.0	9,038.9	7,214.9	52.1	52.4	-47.72	868.3	76.3	223.0	146.7	76.32	2.923				
9,300.0	7,365.1	9,138.9	7,215.5	54.0	54.3	-47.82	867.2	-23.6	222.7	143.2	79.51	2.801				
9,400.0	7,365.2	9,238.9	7,216.1	55.9	56.3	-47.91	866.1	-123.6	222.4	139.6	82.82	2.685				
9,500.0	7,365.3	9,338.9	7,216.7	57.9	58.4	-48.00	865.1	-223.6	222.1	135.8	86.22	2.576				
9,600.0	7,365.4	9,438.9	7,217.3	60.0	60.5	-48.09	864.0	-323.6	221.7	132.0	89.72	2.472				
9,700.0	7,365.5	9,538.9	7,217.9	62.2	62.7	-48.19	862.9	-423.6	221.4	128.1	93.30	2.373				
9,800.0	7,365.6	9,638.9	7,218.4	64.4	64.9	-48.28	861.8	-523.6	221.1	124.1	96.95	2.280				
9,900.0	7,365.7	9,738.9	7,219.0	66.7	67.2	-48.37	860.7	-623.6	220.8	120.1	100.68	2.193				
10,000.0	7,365.8	9,838.9	7,219.6	69.0	69.5	-48.47	859.6	-723.6	220.4	116.0	104.46	2.110				
10,100.0	7,365.9	9,938.9	7,220.2	71.3	71.9	-48.56	858.5	-823.6	220.1	111.8	108.31	2.032				
10,200.0	7,366.0	10,038.9	7,220.8	73.7	74.3	-48.66	857.4	-923.6	219.8	107.6	112.20	1.959				
10,300.0	7,366.1	10,138.8	7,221.4	76.2	76.7	-48.75	856.3	-1,023.6	219.5	103.3	116.15	1.890				
10,400.0	7,366.2	10,238.8	7,221.9	78.6	79.2	-48.85	855.2	-1,123.6	219.2	99.0	120.14	1.824				
10,500.0	7,366.3	10,338.8	7,222.5	81.1	81.6	-48.94	854.1	-1,223.5	218.8	94.7	124.17	1.762				
10,600.0	7,366.4	10,438.8	7,223.1	83.6	84.1	-49.04	853.0	-1,323.5	218.5	90.3	128.24	1.704				
10,700.0	7,366.4	10,538.8	7,223.7	86.1	86.7	-49.13	851.9	-1,423.5	218.2	85.9	132.35	1.649				
10,800.0	7,366.5	10,638.8	7,224.3	88.6	89.2	-49.23	850.8	-1,523.5	217.9	81.4	136.49	1.596				
10,900.0	7,366.6	10,738.8	7,224.8	91.2	91.8	-49.33	849.7	-1,623.5	217.6	76.9	140.67	1.547				
11,000.0	7,366.7	10,838.8	7,225.4	93.7	94.3	-49.42	848.7	-1,723.5	217.3	72.4	144.88	1.500 Level 3				
11,100.0	7,366.8	10,938.8	7,226.0	96.3	96.9	-49.52	847.6	-1,823.5	216.9	67.8	149.11	1.455 Level 3				
11,200.0	7,366.9	11,038.8	7,226.6	98.9	99.5	-49.62	846.5	-1,923.5	216.6	63.3	153.38	1.412 Level 3				
11,300.0	7,367.0	11,138.8	7,227.2	101.5	102.1	-49.72	845.4	-2,023.5	216.3	58.6	157.67	1.372 Level 3				
11,400.0	7,367.1	11,238.8	7,227.8	104.1	104.7	-49.81	844.3	-2,123.5	216.0	54.0	161.99	1.333 Level 3				
11,500.0	7,367.2	11,338.8	7,228.3	106.8	107.4	-49.91	843.2	-2,223.5	215.7	49.4	166.33	1.297 Level 3				
11,600.0	7,367.3	11,438.8	7,228.9	109.4	110.0	-50.01	842.1	-2,323.4	215.4	44.7	170.69	1.262 Level 3				
11,700.0	7,367.4	11,538.8	7,229.5	112.0	112.6	-50.11	841.0	-2,423.4	215.1	40.0	175.08	1.228 Level 2				
11,800.0	7,367.5	11,638.8	7,230.1	114.7	115.3	-50.21	839.9	-2,523.4	214.8	35.3	179.49	1.196 Level 2				
11,900.0	7,367.6	11,738.8	7,230.7	117.4	117.9	-50.31	838.8	-2,623.4	214.4	30.5	183.92	1.166 Level 2				
12,000.0	7,367.7	11,838.8	7,231.2	120.0	120.6	-50.41	837.7	-2,723.4	214.1	25.8	188.37	1.137 Level 2				
12,100.0	7,367.8	11,938.8	7,231.8	122.7	123.3	-50.51	836.6	-2,823.4	213.8	21.0	192.85	1.109 Level 2				
12,200.0	7,367.9	12,038.8	7,232.4	125.4	126.0	-50.61	835.5	-2,923.4	213.5	16.2	197.34	1.082 Level 2				
12,300.0	7,368.0	12,138.8	7,233.0	128.1	128.7	-50.71	834.4	-3,023.4	213.2	11.4	201.85	1.056 Level 2				
12,400.0	7,368.1	12,238.8	7,233.6	130.8	131.3	-50.81	833.3	-3,123.4	212.9	6.5	206.38	1.032 Level 2				
12,500.0	7,368.2	12,338.8	7,234.2	133.4	134.0	-50.91	832.3	-3,223.4	212.6	1.7	210.93	1.008 Level 2				
12,600.0	7,368.3	12,438.8	7,234.7	136.1	136.7	-51.01	831.2	-3,323.4	212.3	-3.2	215.49	0.985 Level 1				
12,700.0	7,368.4	12,538.8	7,235.3	138.9	139.4	-51.11	830.1	-3,423.3	212.0	-8.1	220.08	0.963 Level 1				
12,800.0	7,368.5	12,638.8	7,235.9	141.6	142.2	-51.22	829.0	-3,523.3	211.7	-13.0	224.68	0.942 Level 1				
12,900.0	7,368.6	12,738.8	7,236.5	144.3	144.9	-51.32	827.9	-3,623.3	211.4	-17.9	229.30	0.922 Level 1				
13,000.0	7,368.7	12,838.8	7,237.1	147.0	147.6	-51.42	826.8	-3,723.3	211.1	-22.9	233.93	0.902 Level 1				
13,100.0	7,368.8	12,938.8	7,237.6	149.7	150.3	-51.52	825.7	-3,823.3	210.8	-27.8	238.58	0.883 Level 1				
13,200.0	7,368.9	13,038.8	7,238.2	152.4	153.0	-51.63	824.6	-3,923.3	210.5	-32.8	243.25	0.865 Level 1				
13,300.0	7,369.0	13,138.8	7,238.8	155.2	155.7	-51.73	823.5	-4,023.3	210.2	-37.8	247.93	0.848 Level 1				
13,400.0	7,369.1	13,238.8	7,239.4	157.9	158.5	-51.84	822.4	-4,123.3	209.9	-42.8	252.63	0.831 Level 1				
13,500.0	7,369.2	13,338.8	7,240.0	160.6	161.2	-51.94	821.3	-4,223.3	209.6	-47.8	257.34	0.814 Level 1				
13,600.0	7,369.3	13,438.8	7,240.6	163.3	163.9	-52.04	820.2	-4,323.3	209.3	-52.8	262.07	0.798 Level 1				
13,700.0	7,369.4	13,538.8	7,241.1	166.1	166.7	-52.15	819.1	-4,423.3	209.0	-57.9	266.82	0.783 Level 1				

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.0	7,369.5	13,638.8	7,241.7	168.8	169.4	-52.25	818.0	-4,523.2	208.7	-62.9	271.58	0.768	Level 1	
13,900.0	7,369.6	13,738.8	7,242.3	171.6	172.2	-52.36	816.9	-4,623.2	208.4	-68.0	276.35	0.754	Level 1	
14,000.0	7,369.7	13,838.8	7,242.9	174.3	174.9	-52.46	815.9	-4,723.2	208.1	-73.1	281.14	0.740	Level 1	
14,100.0	7,369.7	13,938.8	7,243.5	177.1	177.6	-52.57	814.8	-4,823.2	207.8	-78.2	285.94	0.727	Level 1	
14,200.0	7,369.8	14,038.8	7,244.0	179.8	180.4	-52.68	813.7	-4,923.2	207.5	-83.3	290.76	0.714	Level 1	
14,300.0	7,369.9	14,138.8	7,244.6	182.6	183.1	-52.78	812.6	-5,023.2	207.2	-88.4	295.59	0.701	Level 1	
14,400.0	7,370.0	14,238.8	7,245.2	185.3	185.9	-52.89	811.5	-5,123.2	206.9	-93.5	300.44	0.689	Level 1	
14,500.0	7,370.1	14,338.8	7,245.8	188.1	188.6	-53.00	810.4	-5,223.2	206.6	-98.7	305.30	0.677	Level 1	
14,600.0	7,370.2	14,438.8	7,246.4	190.8	191.4	-53.10	809.3	-5,323.2	206.3	-103.9	310.18	0.665	Level 1	
14,700.0	7,370.3	14,538.8	7,247.0	193.6	194.2	-53.21	808.2	-5,423.2	206.0	-109.0	315.07	0.654	Level 1	
14,800.0	7,370.4	14,638.8	7,247.5	196.3	196.9	-53.32	807.1	-5,523.2	205.7	-114.2	319.97	0.643	Level 1	
14,900.0	7,370.5	14,738.8	7,248.1	199.1	199.7	-53.43	806.0	-5,623.2	205.4	-119.4	324.88	0.632	Level 1	
15,000.0	7,370.6	14,838.8	7,248.7	201.8	202.4	-53.54	804.9	-5,723.1	205.1	-124.7	329.81	0.622	Level 1	
15,100.0	7,370.7	14,938.8	7,249.3	204.6	205.2	-53.65	803.8	-5,823.1	204.9	-129.9	334.76	0.612	Level 1	
15,200.0	7,370.8	15,038.8	7,249.9	207.4	208.0	-53.76	802.7	-5,923.1	204.6	-135.1	339.72	0.602	Level 1	
15,300.0	7,370.9	15,138.8	7,250.5	210.1	210.7	-53.87	801.6	-6,023.1	204.3	-140.4	344.69	0.593	Level 1	
15,400.0	7,371.0	15,238.8	7,251.0	212.9	213.5	-53.98	800.6	-6,123.1	204.0	-145.7	349.67	0.583	Level 1	
15,500.0	7,371.1	15,338.8	7,251.6	215.7	216.3	-54.09	799.5	-6,223.1	203.7	-151.0	354.67	0.574	Level 1	
15,600.0	7,371.2	15,438.8	7,252.2	218.4	219.0	-54.20	798.4	-6,323.1	203.4	-156.3	359.68	0.566	Level 1	
15,700.0	7,371.3	15,538.8	7,252.8	221.2	221.8	-54.31	797.3	-6,423.1	203.1	-161.6	364.70	0.557	Level 1	
15,800.0	7,371.4	15,638.8	7,253.4	224.0	224.6	-54.42	796.2	-6,523.1	202.9	-166.9	369.74	0.549	Level 1	
15,900.0	7,371.5	15,738.8	7,253.9	226.7	227.3	-54.53	795.1	-6,623.1	202.6	-172.2	374.79	0.541	Level 1	
16,000.0	7,371.6	15,838.8	7,254.5	229.5	230.1	-54.64	794.0	-6,723.1	202.3	-177.6	379.85	0.533	Level 1	
16,100.0	7,371.7	15,938.8	7,255.1	232.3	232.9	-54.75	792.9	-6,823.0	202.0	-182.9	384.93	0.525	Level 1	
16,200.0	7,371.8	16,038.8	7,255.7	235.1	235.7	-54.87	791.8	-6,923.0	201.7	-188.3	390.02	0.517	Level 1	
16,300.0	7,371.9	16,138.8	7,256.3	237.8	238.4	-54.98	790.7	-7,023.0	201.5	-193.7	395.12	0.510	Level 1	
16,400.0	7,372.0	16,238.8	7,256.9	240.6	241.2	-55.09	789.6	-7,123.0	201.2	-199.1	400.24	0.503	Level 1	
16,500.0	7,372.1	16,338.8	7,257.4	243.4	244.0	-55.20	788.5	-7,223.0	200.9	-204.5	405.36	0.496	Level 1	
16,600.0	7,372.2	16,438.8	7,258.0	246.2	246.8	-55.32	787.4	-7,323.0	200.6	-209.9	410.51	0.489	Level 1	
16,700.0	7,372.3	16,538.8	7,258.6	248.9	249.5	-55.43	786.3	-7,423.0	200.3	-215.3	415.66	0.482	Level 1	
16,800.0	7,372.4	16,638.8	7,259.2	251.7	252.3	-55.55	785.2	-7,523.0	200.1	-220.8	420.82	0.475	Level 1	
16,900.0	7,372.5	16,738.8	7,259.8	254.5	255.1	-55.66	784.2	-7,623.0	199.8	-226.2	426.00	0.469	Level 1	
17,000.0	7,372.6	16,838.8	7,260.3	257.3	257.9	-55.78	783.1	-7,723.0	199.5	-231.7	431.19	0.463	Level 1	
17,100.0	7,372.7	16,938.8	7,260.9	260.1	260.6	-55.89	782.0	-7,823.0	199.2	-237.1	436.40	0.457	Level 1	
17,200.0	7,372.8	17,038.8	7,261.5	262.8	263.4	-56.01	780.9	-7,922.9	199.0	-242.6	441.61	0.451	Level 1	
17,300.0	7,372.9	17,138.8	7,262.1	265.6	266.2	-56.12	779.8	-8,022.9	198.7	-248.1	446.84	0.445	Level 1	
17,400.0	7,373.0	17,238.8	7,262.7	268.4	269.0	-56.24	778.7	-8,122.9	198.4	-253.6	452.08	0.439	Level 1	
17,500.0	7,373.0	17,338.8	7,263.3	271.2	271.8	-56.35	777.6	-8,222.9	198.2	-259.2	457.34	0.433	Level 1	
17,600.0	7,373.1	17,438.8	7,263.8	274.0	274.6	-56.47	776.5	-8,322.9	197.9	-264.7	462.60	0.428	Level 1	
17,700.0	7,373.2	17,538.8	7,264.4	276.7	277.3	-56.59	775.4	-8,422.9	197.6	-270.3	467.88	0.422	Level 1	
17,800.0	7,373.3	17,638.8	7,265.0	279.5	280.1	-56.71	774.3	-8,522.9	197.4	-275.8	473.17	0.417	Level 1	
17,900.0	7,373.4	17,738.8	7,265.6	282.3	282.9	-56.82	773.2	-8,622.9	197.1	-281.4	478.48	0.412	Level 1	
18,000.0	7,373.5	17,838.8	7,266.2	285.1	285.7	-56.94	772.1	-8,722.9	196.8	-287.0	483.79	0.407	Level 1	
18,100.0	7,373.6	17,938.8	7,266.7	287.9	288.5	-57.06	771.0	-8,822.9	196.6	-292.6	489.12	0.402	Level 1	
18,200.0	7,373.7	18,038.8	7,267.3	290.7	291.3	-57.18	769.9	-8,922.9	196.3	-298.2	494.46	0.397	Level 1	
18,300.0	7,373.8	18,138.8	7,267.9	293.5	294.1	-57.30	768.8	-9,022.9	196.0	-303.8	499.81	0.392	Level 1	
18,400.0	7,373.9	18,238.8	7,268.5	296.2	296.8	-57.42	767.8	-9,122.8	195.8	-309.4	505.17	0.388	Level 1	
18,480.0	7,374.0	18,318.8	7,269.0	298.5	299.1	-57.51	766.9	-9,202.8	195.6	-313.9	509.47	0.384	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.47	-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	134.558		
200.0	200.0	200.0	200.0	0.3	0.3	-179.47	-30.2	-0.3	30.2	29.6	0.67	44.853		
300.0	300.0	300.0	300.0	0.6	0.6	-179.47	-30.2	-0.3	30.2	29.1	1.12	26.912		
400.0	400.0	400.0	400.0	0.8	0.8	-179.47	-30.2	-0.3	30.2	28.7	1.57	19.223 CC		
500.0	500.0	500.0	500.0	1.0	1.0	122.75	-30.2	-0.3	30.9	28.9	2.02	15.324		
600.0	599.9	599.9	599.9	1.2	1.2	128.42	-30.2	-0.3	33.2	30.8	2.47	13.470		
700.0	699.7	699.7	699.7	1.5	1.5	136.19	-30.2	-0.3	37.6	34.7	2.92	12.872		
800.0	799.3	799.3	799.3	1.7	1.7	144.26	-30.2	-0.3	44.7	41.3	3.39	13.190		
900.0	898.6	898.6	898.6	2.0	1.9	150.57	-29.8	1.0	53.7	49.9	3.85	13.957		
1,000.0	997.5	1,000.3	1,000.2	2.3	2.1	154.62	-28.5	4.7	63.4	59.1	4.30	14.742		
1,100.0	1,096.1	1,101.2	1,100.9	2.6	2.3	157.22	-26.4	11.0	73.6	68.8	4.77	15.440		
1,200.0	1,194.2	1,202.4	1,201.6	3.0	2.6	158.85	-23.4	19.8	84.1	78.8	5.24	16.034		
1,300.0	1,291.7	1,303.8	1,302.4	3.4	2.8	159.81	-19.5	31.1	94.8	89.1	5.74	16.523		
1,400.0	1,388.6	1,405.5	1,403.0	3.9	3.1	160.31	-14.8	45.1	105.8	99.5	6.26	16.908		
1,500.0	1,484.9	1,507.4	1,503.4	4.4	3.4	160.46	-9.2	61.6	116.9	110.1	6.80	17.193		
1,600.0	1,580.4	1,609.6	1,603.6	4.9	3.8	160.36	-2.7	80.6	128.2	120.8	7.37	17.380		
1,700.0	1,675.0	1,712.0	1,703.4	5.5	4.2	160.06	4.7	102.3	139.6	131.6	7.99	17.475		
1,800.0	1,768.9	1,814.7	1,802.8	6.2	4.7	159.61	13.0	126.6	151.2	142.6	8.65	17.487		
1,900.0	1,861.7	1,917.6	1,901.7	6.9	5.2	159.04	22.1	153.4	163.0	153.6	9.36	17.410		
2,000.0	1,953.6	2,020.8	2,000.1	7.7	5.7	158.37	32.1	182.8	174.9	164.8	10.14	17.256		
2,011.7	1,964.3	2,032.9	2,011.6	7.8	5.8	158.29	33.4	186.4	176.3	166.1	10.23	17.232		
2,100.0	2,044.9	2,124.2	2,097.9	8.5	6.3	157.56	43.0	214.8	186.1	175.1	11.02	16.887		
2,200.0	2,136.1	2,228.1	2,195.0	9.3	7.0	156.40	54.9	249.5	195.0	183.0	12.00	16.247		
2,300.0	2,227.3	2,322.1	2,291.4	10.1	7.8	154.87	67.5	286.7	201.9	188.7	13.11	15.400		
2,400.0	2,318.5	2,436.3	2,386.7	11.0	8.6	152.98	81.1	326.4	206.6	192.3	14.35	14.399		
2,500.0	2,409.8	2,537.0	2,478.1	11.8	9.4	150.90	94.7	366.5	210.1	194.4	15.71	13.377		
2,600.0	2,501.0	2,636.7	2,568.5	12.6	10.2	148.89	108.3	406.3	213.8	196.7	17.13	12.478		
2,700.0	2,592.2	2,736.3	2,658.9	13.5	11.1	146.96	121.8	446.0	217.7	199.1	18.63	11.689		
2,800.0	2,683.5	2,836.0	2,749.2	14.3	11.9	145.09	135.4	485.8	221.9	201.7	20.18	10.996		
2,900.0	2,774.7	2,935.7	2,839.6	15.1	12.8	143.30	148.9	525.5	226.3	204.5	21.79	10.387		
3,000.0	2,865.9	3,035.3	2,930.0	16.0	13.6	141.57	162.5	565.3	231.0	207.5	23.44	9.852		
3,100.0	2,957.2	3,135.0	3,020.4	16.8	14.5	139.92	176.0	605.0	235.8	210.6	25.13	9.381		
3,200.0	3,048.4	3,234.6	3,110.7	17.7	15.4	138.33	189.5	644.8	240.8	213.9	26.86	8.965		
3,300.0	3,139.6	3,334.3	3,201.1	18.5	16.2	136.81	203.1	684.5	246.0	217.4	28.61	8.597		
3,400.0	3,230.8	3,433.9	3,291.5	19.4	17.1	135.35	216.6	724.2	251.3	220.9	30.39	8.270		
3,500.0	3,322.1	3,533.6	3,381.9	20.2	18.0	133.95	230.2	764.0	256.8	224.7	32.19	7.979		
3,600.0	3,413.3	3,633.2	3,472.2	21.1	18.9	132.62	243.7	803.7	262.5	228.5	34.01	7.720		
3,700.0	3,504.5	3,732.9	3,562.6	21.9	19.7	131.33	257.2	843.5	268.3	232.5	35.83	7.487		
3,800.0	3,595.8	3,832.5	3,653.0	22.8	20.6	130.11	270.8	883.2	274.2	236.6	37.67	7.279		
3,900.0	3,687.0	3,932.2	3,743.4	23.6	21.5	128.93	284.3	923.0	280.3	240.7	39.52	7.091		
4,000.0	3,778.2	4,031.9	3,833.8	24.5	22.4	127.81	297.9	962.7	286.4	245.1	41.38	6.922		
4,100.0	3,869.4	4,131.5	3,924.1	25.3	23.3	126.73	311.4	1,002.5	292.7	249.5	43.24	6.769		
4,200.0	3,960.7	4,231.2	4,014.5	26.2	24.2	125.70	325.0	1,042.2	299.1	254.0	45.10	6.630		
4,300.0	4,051.9	4,330.8	4,104.9	27.0	25.0	124.71	338.5	1,082.0	305.5	258.5	46.97	6.504		
4,400.0	4,143.1	4,430.5	4,195.3	27.9	25.9	123.77	352.0	1,121.7	312.1	263.2	48.84	6.389		
4,500.0	4,234.4	4,530.1	4,285.6	28.7	26.8	122.86	365.6	1,161.5	318.7	268.0	50.71	6.284		
4,600.0	4,325.6	4,629.8	4,376.0	29.6	27.7	121.99	379.1	1,201.2	325.4	272.8	52.58	6.188		
4,700.0	4,416.8	4,729.4	4,466.4	30.4	28.6	121.15	392.7	1,240.9	332.1	277.7	54.45	6.100		
4,800.0	4,508.0	4,829.1	4,556.8	31.3	29.5	120.35	406.2	1,280.7	339.0	282.7	56.32	6.019		
4,900.0	4,599.3	4,928.8	4,647.2	32.1	30.4	119.58	419.8	1,320.4	345.9	287.7	58.19	5.945		
5,000.0	4,690.5	5,028.4	4,737.5	33.0	31.3	118.84	433.3	1,360.2	352.9	292.8	60.05	5.876		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,781.7	5,128.1	4,827.9	33.8	32.2	118.13	446.8	1,399.9	359.9	298.0	61.92	5.812		
5,200.0	4,873.0	5,227.7	4,918.3	34.7	33.0	117.44	460.4	1,439.7	366.9	303.2	63.78	5.754		
5,300.0	4,964.2	5,327.4	5,008.7	35.6	33.9	116.78	473.9	1,479.4	374.1	308.4	65.63	5.699		
5,400.0	5,055.4	5,427.0	5,099.0	36.4	34.8	116.15	487.5	1,519.2	381.2	313.8	67.49	5.649		
5,500.0	5,146.7	5,526.7	5,189.4	37.3	35.7	115.54	501.0	1,558.9	388.5	319.1	69.34	5.602		
5,600.0	5,237.9	5,623.1	5,277.5	38.1	36.5	115.18	513.7	1,596.1	396.1	325.1	70.96	5.582		
5,697.4	5,326.8	5,716.8	5,364.3	38.9	37.1	115.27	525.1	1,629.5	404.4	332.1	72.29	5.594		
5,700.0	5,329.1	5,719.3	5,366.6	39.0	37.1	115.28	525.3	1,630.3	404.6	332.3	72.32	5.595		
5,800.0	5,421.1	5,815.3	5,456.7	39.6	37.6	115.75	536.0	1,661.7	413.2	339.9	73.36	5.633		
5,900.0	5,514.4	5,911.3	5,547.8	40.2	38.2	116.19	545.7	1,690.2	421.2	346.9	74.29	5.670		
6,000.0	5,608.8	6,007.2	5,639.8	40.8	38.6	116.63	554.4	1,715.7	428.5	353.4	75.12	5.705		
6,100.0	5,704.4	6,102.9	5,732.6	41.3	39.0	117.05	562.1	1,738.3	435.2	359.4	75.84	5.739		
6,200.0	5,800.9	6,200.0	5,827.3	41.7	39.4	117.47	568.9	1,758.2	441.3	364.8	76.46	5.772		
6,300.0	5,898.3	6,294.2	5,919.9	42.1	39.7	117.88	574.5	1,774.6	446.7	369.7	76.96	5.804		
6,400.0	5,996.4	6,389.7	6,014.3	42.4	40.0	118.28	579.1	1,788.2	451.4	374.1	77.37	5.835		
6,500.0	6,095.1	6,485.1	6,109.0	42.7	40.2	118.68	582.8	1,798.9	455.5	377.9	77.67	5.865		
6,600.0	6,194.4	6,580.4	6,204.0	43.0	40.4	119.07	585.4	1,806.6	459.0	381.1	77.87	5.894		
6,700.0	6,294.0	6,675.6	6,299.0	43.1	40.5	119.46	587.0	1,811.2	461.8	383.8	77.97	5.922		
6,800.0	6,393.8	6,770.7	6,394.1	43.3	40.6	119.84	587.6	1,812.9	463.9	385.9	77.98	5.949		
6,906.2	6,500.0	6,876.5	6,500.0	43.4	40.7	119.92	587.6	1,812.9	464.8	415.3	49.50	9.390		
6,960.2	6,554.0	6,930.6	6,554.0	43.4	40.7	119.92	587.6	1,812.9	464.8	415.2	49.62	9.367		
7,000.0	6,593.8	6,970.2	6,593.7	43.4	40.7	119.96	587.6	1,812.6	464.8	415.1	49.74	9.346		
7,054.5	6,648.2	7,024.1	6,647.4	43.5	40.7	-179.60	587.5	1,809.1	464.9	414.7	50.16	9.268		
7,100.0	6,693.8	7,068.7	6,691.6	43.5	40.7	-88.39	587.4	1,803.0	465.0	387.4	77.65	5.988		
7,150.0	6,743.5	7,117.4	6,739.3	43.5	40.6	-87.77	587.3	1,793.4	465.2	387.9	77.25	6.021		
7,200.0	6,792.8	7,165.7	6,785.9	43.4	40.5	-87.16	587.2	1,780.6	465.4	388.6	76.80	6.060		
7,250.0	6,841.4	7,213.8	6,831.3	43.3	40.4	-86.57	587.0	1,764.7	465.7	389.4	76.30	6.103		
7,300.0	6,889.0	7,261.5	6,875.2	43.2	40.3	-85.99	586.8	1,746.1	466.0	390.2	75.77	6.150		
7,350.0	6,935.5	7,309.0	6,917.5	43.1	40.1	-85.44	586.6	1,724.6	466.3	391.1	75.22	6.199		
7,400.0	6,980.5	7,356.2	6,958.1	42.9	40.0	-84.90	586.3	1,700.6	466.7	392.0	74.68	6.249		
7,450.0	7,024.0	7,403.1	6,996.9	42.8	39.8	-84.40	586.0	1,674.0	467.1	392.9	74.15	6.299		
7,500.0	7,065.6	7,450.0	7,033.7	42.6	39.7	-83.92	585.7	1,645.1	467.5	393.8	73.65	6.347		
7,550.0	7,105.1	7,496.4	7,068.2	42.4	39.6	-83.47	585.4	1,614.1	467.9	394.7	73.20	6.392		
7,600.0	7,142.5	7,542.7	7,100.6	42.3	39.4	-83.05	585.0	1,581.0	468.3	395.5	72.80	6.432		
7,650.0	7,177.4	7,588.8	7,130.7	42.1	39.3	-82.66	584.6	1,546.0	468.7	396.2	72.48	6.467		
7,700.0	7,209.8	7,634.8	7,158.3	41.9	39.2	-82.31	584.2	1,509.3	469.1	396.8	72.24	6.494		
7,750.0	7,239.4	7,680.6	7,183.5	41.8	39.2	-81.99	583.8	1,471.1	469.4	397.4	72.09	6.512		
7,800.0	7,266.1	7,726.3	7,206.1	41.7	39.1	-81.71	583.3	1,431.4	469.8	397.7	72.04	6.521		
7,850.0	7,289.8	7,771.9	7,226.1	41.5	39.1	-81.46	582.9	1,390.4	470.1	398.0	72.10	6.520		
7,900.0	7,310.4	7,817.4	7,243.4	41.5	39.1	-81.26	582.4	1,348.4	470.3	398.1	72.27	6.508		
7,950.0	7,327.8	7,862.8	7,258.0	41.4	39.2	-81.09	581.9	1,305.4	470.5	398.0	72.55	6.486		
8,000.0	7,341.8	7,908.1	7,269.8	41.4	39.3	-80.96	581.5	1,261.6	470.7	397.8	72.94	6.453		
8,050.0	7,352.4	7,953.4	7,278.8	41.4	39.4	-80.88	581.0	1,217.3	470.8	397.4	73.44	6.411		
8,100.0	7,359.7	8,000.0	7,285.2	41.4	39.5	-80.83	580.5	1,171.1	470.9	396.9	74.03	6.360		
8,107.4	7,360.4	8,005.3	7,285.7	41.4	39.6	-80.82	580.4	1,165.8	470.9	396.8	74.13	6.353		
8,150.0	7,363.4	8,043.9	7,288.4	41.5	39.7	-80.82	580.0	1,127.3	470.9	396.2	74.71	6.303		
8,178.0	7,364.0	8,069.3	7,289.0	41.5	39.8	-80.83	579.7	1,102.0	470.9	395.8	75.12	6.268		
8,178.1	7,364.0	8,069.4	7,289.0	41.5	39.8	-80.83	579.7	1,101.9	470.9	395.8	75.12	6.268		
8,179.2	7,364.0	8,071.1	7,289.0	41.5	39.8	-80.83	579.7	1,100.1	470.9	395.8	75.14	6.267		
8,183.3	7,364.0	8,074.4	7,289.0	41.5	39.9	-80.84	579.6	1,096.8	470.9	395.7	75.18	6.264		
8,200.0	7,364.0	8,091.1	7,289.1	41.6	39.9	-80.84	579.4	1,080.1	470.9	395.5	75.36	6.248		
8,300.0	7,364.1	8,191.1	7,289.5	41.9	40.5	-80.88	578.4	980.1	470.8	394.1	76.68	6.140		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	7,364.2	8,291.1	7,290.0	42.3	41.3	-80.92	577.3	880.1	470.8	392.4	78.37	6.007		
8,500.0	7,364.3	8,391.1	7,290.4	43.0	42.2	-80.97	576.2	780.1	470.7	390.3	80.41	5.854		
8,600.0	7,364.4	8,491.1	7,290.8	43.8	43.3	-81.01	575.1	680.1	470.7	387.9	82.77	5.686		
8,700.0	7,364.5	8,591.1	7,291.3	44.8	44.6	-81.05	574.0	580.2	470.6	385.2	85.43	5.509		
8,800.0	7,364.6	8,691.1	7,291.7	45.9	46.0	-81.09	572.9	480.2	470.6	382.2	88.36	5.325		
8,900.0	7,364.7	8,791.1	7,292.1	47.3	47.6	-81.13	571.8	380.2	470.5	379.0	91.54	5.140		
9,000.0	7,364.8	8,891.1	7,292.6	48.8	49.2	-81.17	570.7	280.2	470.5	375.5	94.93	4.956		
9,100.0	7,364.9	8,991.1	7,293.0	50.4	51.0	-81.21	569.6	180.2	470.4	371.9	98.53	4.774		
9,200.0	7,365.0	9,091.1	7,293.4	52.1	52.9	-81.25	568.5	80.2	470.4	368.1	102.30	4.598		
9,300.0	7,365.1	9,191.1	7,293.9	54.0	54.8	-81.29	567.4	-19.8	470.3	364.1	106.23	4.427		
9,400.0	7,365.2	9,291.1	7,294.3	55.9	56.8	-81.33	566.3	-119.8	470.3	360.0	110.30	4.263		
9,500.0	7,365.3	9,391.1	7,294.8	57.9	58.9	-81.37	565.2	-219.8	470.2	355.7	114.50	4.107		
9,600.0	7,365.4	9,491.1	7,295.2	60.0	61.1	-81.41	564.1	-319.8	470.2	351.4	118.81	3.957		
9,700.0	7,365.5	9,591.1	7,295.6	62.2	63.3	-81.46	563.0	-419.8	470.1	346.9	123.22	3.815		
9,800.0	7,365.6	9,691.1	7,296.1	64.4	65.5	-81.50	561.9	-519.8	470.1	342.3	127.73	3.680		
9,900.0	7,365.7	9,791.1	7,296.5	66.7	67.8	-81.54	560.8	-619.8	470.0	337.7	132.32	3.552		
10,000.0	7,365.8	9,891.1	7,296.9	69.0	70.2	-81.58	559.7	-719.7	470.0	333.0	136.98	3.431		
10,100.0	7,365.9	9,991.1	7,297.4	71.3	72.5	-81.62	558.6	-819.7	469.9	328.2	141.71	3.316		
10,200.0	7,366.0	10,091.1	7,297.8	73.7	74.9	-81.66	557.5	-919.7	469.9	323.4	146.49	3.207		
10,300.0	7,366.1	10,191.1	7,298.2	76.2	77.4	-81.70	556.4	-1,019.7	469.8	318.5	151.34	3.104		
10,400.0	7,366.2	10,291.1	7,298.7	78.6	79.8	-81.74	555.4	-1,119.7	469.8	313.5	156.23	3.007		
10,500.0	7,366.3	10,391.1	7,299.1	81.1	82.3	-81.78	554.3	-1,219.7	469.7	308.6	161.17	2.915		
10,600.0	7,366.4	10,491.1	7,299.6	83.6	84.8	-81.82	553.2	-1,319.7	469.7	303.5	166.15	2.827		
10,700.0	7,366.4	10,591.1	7,300.0	86.1	87.3	-81.86	552.1	-1,419.7	469.6	298.5	171.17	2.744		
10,800.0	7,366.5	10,691.1	7,300.4	88.6	89.9	-81.91	551.0	-1,519.7	469.6	293.4	176.22	2.665		
10,900.0	7,366.6	10,791.1	7,300.9	91.2	92.4	-81.95	549.9	-1,619.7	469.5	288.2	181.31	2.590		
11,000.0	7,366.7	10,891.1	7,301.3	93.7	95.0	-81.99	548.8	-1,719.7	469.5	283.1	186.42	2.519		
11,100.0	7,366.8	10,991.1	7,301.7	96.3	97.6	-82.03	547.7	-1,819.7	469.5	277.9	191.56	2.451		
11,200.0	7,366.9	11,091.1	7,302.2	98.9	100.2	-82.07	546.6	-1,919.7	469.4	272.7	196.73	2.386		
11,300.0	7,367.0	11,191.1	7,302.6	101.5	102.8	-82.11	545.5	-2,019.6	469.4	267.4	201.92	2.325		
11,400.0	7,367.1	11,291.1	7,303.0	104.1	105.4	-82.15	544.4	-2,119.6	469.3	262.2	207.13	2.266		
11,500.0	7,367.2	11,391.1	7,303.5	106.8	108.0	-82.19	543.3	-2,219.6	469.3	256.9	212.36	2.210		
11,600.0	7,367.3	11,491.1	7,303.9	109.4	110.7	-82.23	542.2	-2,319.6	469.2	251.6	217.61	2.156		
11,700.0	7,367.4	11,591.1	7,304.3	112.0	113.3	-82.27	541.1	-2,419.6	469.2	246.3	222.88	2.105		
11,800.0	7,367.5	11,691.1	7,304.8	114.7	116.0	-82.32	540.0	-2,519.6	469.1	241.0	228.16	2.056		
11,900.0	7,367.6	11,791.1	7,305.2	117.4	118.6	-82.36	538.9	-2,619.6	469.1	235.6	233.46	2.009		
12,000.0	7,367.7	11,891.1	7,305.7	120.0	121.3	-82.40	537.8	-2,719.6	469.1	230.3	238.77	1.964		
12,100.0	7,367.8	11,991.1	7,306.1	122.7	124.0	-82.44	536.7	-2,819.6	469.0	224.9	244.10	1.921		
12,200.0	7,367.9	12,091.1	7,306.5	125.4	126.6	-82.48	535.6	-2,919.6	469.0	219.5	249.44	1.880		
12,300.0	7,368.0	12,191.1	7,307.0	128.1	129.3	-82.52	534.5	-3,019.6	468.9	214.1	254.79	1.840		
12,400.0	7,368.1	12,291.1	7,307.4	130.8	132.0	-82.56	533.4	-3,119.6	468.9	208.7	260.15	1.802		
12,500.0	7,368.2	12,391.1	7,307.8	133.4	134.7	-82.60	532.3	-3,219.6	468.8	203.3	265.52	1.766		
12,600.0	7,368.3	12,491.1	7,308.3	136.1	137.4	-82.64	531.3	-3,319.6	468.8	197.9	270.90	1.730		
12,700.0	7,368.4	12,591.1	7,308.7	138.9	140.1	-82.68	530.2	-3,419.5	468.8	192.5	276.30	1.697		
12,800.0	7,368.5	12,691.1	7,309.1	141.6	142.8	-82.73	529.1	-3,519.5	468.7	187.0	281.70	1.664		
12,900.0	7,368.6	12,791.1	7,309.6	144.3	145.5	-82.77	528.0	-3,619.5	468.7	181.6	287.11	1.632		
13,000.0	7,368.7	12,891.1	7,310.0	147.0	148.2	-82.81	526.9	-3,719.5	468.6	176.1	292.52	1.602		
13,100.0	7,368.8	12,991.1	7,310.4	149.7	151.0	-82.85	525.8	-3,819.5	468.6	170.6	297.95	1.573		
13,200.0	7,368.9	13,091.1	7,310.9	152.4	153.7	-82.89	524.7	-3,919.5	468.5	165.2	303.38	1.544		
13,300.0	7,369.0	13,191.1	7,311.3	155.2	156.4	-82.93	523.6	-4,019.5	468.5	159.7	308.82	1.517		
13,400.0	7,369.1	13,291.1	7,311.8	157.9	159.1	-82.97	522.5	-4,119.5	468.5	154.2	314.27	1.491 Level 3		
13,500.0	7,369.2	13,391.1	7,312.2	160.6	161.9	-83.01	521.4	-4,219.5	468.4	148.7	319.72	1.465 Level 3		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.0	7,369.3	13,491.1	7,312.6	163.3	164.6	-83.06	520.3	-4,319.5	468.4	143.2	325.18	1.440	Level 3	
13,700.0	7,369.4	13,591.1	7,313.1	166.1	167.3	-83.10	519.2	-4,419.5	468.3	137.7	330.64	1.416	Level 3	
13,800.0	7,369.5	13,691.1	7,313.5	168.8	170.1	-83.14	518.1	-4,519.5	468.3	132.2	336.11	1.393	Level 3	
13,900.0	7,369.6	13,791.1	7,313.9	171.6	172.8	-83.18	517.0	-4,619.5	468.3	126.7	341.58	1.371	Level 3	
14,000.0	7,369.7	13,891.1	7,314.4	174.3	175.5	-83.22	515.9	-4,719.4	468.2	121.2	347.06	1.349	Level 3	
14,100.0	7,369.7	13,991.1	7,314.8	177.1	178.3	-83.26	514.8	-4,819.4	468.2	115.6	352.55	1.328	Level 3	
14,200.0	7,369.8	14,091.1	7,315.2	179.8	181.0	-83.30	513.7	-4,919.4	468.2	110.1	358.04	1.308	Level 3	
14,300.0	7,369.9	14,191.1	7,315.7	182.6	183.8	-83.34	512.6	-5,019.4	468.1	104.6	363.53	1.288	Level 3	
14,400.0	7,370.0	14,291.1	7,316.1	185.3	186.5	-83.38	511.5	-5,119.4	468.1	99.1	369.03	1.268	Level 3	
14,500.0	7,370.1	14,391.1	7,316.6	188.1	189.3	-83.43	510.4	-5,219.4	468.0	93.5	374.53	1.250	Level 2	
14,600.0	7,370.2	14,491.1	7,317.0	190.8	192.0	-83.47	509.3	-5,319.4	468.0	88.0	380.04	1.231	Level 2	
14,700.0	7,370.3	14,591.1	7,317.4	193.6	194.8	-83.51	508.3	-5,419.4	468.0	82.4	385.55	1.214	Level 2	
14,800.0	7,370.4	14,691.1	7,317.9	196.3	197.6	-83.55	507.2	-5,519.4	467.9	76.9	391.06	1.197	Level 2	
14,900.0	7,370.5	14,791.1	7,318.3	199.1	200.3	-83.59	506.1	-5,619.4	467.9	71.3	396.58	1.180	Level 2	
15,000.0	7,370.6	14,891.1	7,318.7	201.8	203.1	-83.63	505.0	-5,719.4	467.9	65.8	402.10	1.164	Level 2	
15,100.0	7,370.7	14,991.1	7,319.2	204.6	205.8	-83.67	503.9	-5,819.4	467.8	60.2	407.62	1.148	Level 2	
15,200.0	7,370.8	15,091.1	7,319.6	207.4	208.6	-83.71	502.8	-5,919.4	467.8	54.6	413.15	1.132	Level 2	
15,300.0	7,370.9	15,191.1	7,320.0	210.1	211.4	-83.76	501.7	-6,019.3	467.8	49.1	418.68	1.117	Level 2	
15,400.0	7,371.0	15,291.1	7,320.5	212.9	214.1	-83.80	500.6	-6,119.3	467.7	43.5	424.21	1.103	Level 2	
15,500.0	7,371.1	15,391.1	7,320.9	215.7	216.9	-83.84	499.5	-6,219.3	467.7	37.9	429.74	1.088	Level 2	
15,600.0	7,371.2	15,491.1	7,321.3	218.4	219.7	-83.88	498.4	-6,319.3	467.6	32.4	435.28	1.074	Level 2	
15,700.0	7,371.3	15,591.1	7,321.8	221.2	222.4	-83.92	497.3	-6,419.3	467.6	26.8	440.82	1.061	Level 2	
15,800.0	7,371.4	15,691.1	7,322.2	224.0	225.2	-83.96	496.2	-6,519.3	467.6	21.2	446.37	1.048	Level 2	
15,900.0	7,371.5	15,791.1	7,322.7	226.7	228.0	-84.00	495.1	-6,619.3	467.5	15.6	451.91	1.035	Level 2	
16,000.0	7,371.6	15,891.1	7,323.1	229.5	230.7	-84.05	494.0	-6,719.3	467.5	10.0	457.46	1.022	Level 2	
16,100.0	7,371.7	15,991.1	7,323.5	232.3	233.5	-84.09	492.9	-6,819.3	467.5	4.5	463.01	1.010	Level 2	
16,200.0	7,371.8	16,091.1	7,324.0	235.1	236.3	-84.13	491.8	-6,919.3	467.4	-1.1	468.57	0.998	Level 1	
16,300.0	7,371.9	16,191.1	7,324.4	237.8	239.1	-84.17	490.7	-7,019.3	467.4	-6.7	474.12	0.986	Level 1	
16,400.0	7,372.0	16,291.1	7,324.8	240.6	241.8	-84.21	489.6	-7,119.3	467.4	-12.3	479.68	0.974	Level 1	
16,500.0	7,372.1	16,391.1	7,325.3	243.4	244.6	-84.25	488.5	-7,219.3	467.3	-17.9	485.24	0.963	Level 1	
16,600.0	7,372.2	16,491.1	7,325.7	246.2	247.4	-84.29	487.4	-7,319.3	467.3	-23.5	490.80	0.952	Level 1	
16,700.0	7,372.3	16,591.1	7,326.1	248.9	250.2	-84.33	486.3	-7,419.2	467.3	-29.1	496.37	0.941	Level 1	
16,800.0	7,372.4	16,691.1	7,326.6	251.7	252.9	-84.38	485.2	-7,519.2	467.2	-34.7	501.93	0.931	Level 1	
16,900.0	7,372.5	16,791.1	7,327.0	254.5	255.7	-84.42	484.2	-7,619.2	467.2	-40.3	507.50	0.921	Level 1	
17,000.0	7,372.6	16,891.1	7,327.5	257.3	258.5	-84.46	483.1	-7,719.2	467.2	-45.9	513.07	0.911	Level 1	
17,100.0	7,372.7	16,991.1	7,327.9	260.1	261.3	-84.50	482.0	-7,819.2	467.2	-51.5	518.64	0.901	Level 1	
17,200.0	7,372.8	17,091.1	7,328.3	262.8	264.1	-84.54	480.9	-7,919.2	467.1	-57.1	524.22	0.891	Level 1	
17,300.0	7,372.9	17,191.1	7,328.8	265.6	266.8	-84.58	479.8	-8,019.2	467.1	-62.7	529.79	0.882	Level 1	
17,400.0	7,373.0	17,291.1	7,329.2	268.4	269.6	-84.62	478.7	-8,119.2	467.1	-68.3	535.37	0.872	Level 1	
17,500.0	7,373.0	17,391.1	7,329.6	271.2	272.4	-84.67	477.6	-8,219.2	467.0	-73.9	540.95	0.863	Level 1	
17,600.0	7,373.1	17,491.1	7,330.1	274.0	275.2	-84.71	476.5	-8,319.2	467.0	-79.5	546.53	0.854	Level 1	
17,700.0	7,373.2	17,591.1	7,330.5	276.7	278.0	-84.75	475.4	-8,419.2	467.0	-85.1	552.11	0.846	Level 1	
17,800.0	7,373.3	17,691.1	7,330.9	279.5	280.7	-84.79	474.3	-8,519.2	466.9	-90.8	557.69	0.837	Level 1	
17,900.0	7,373.4	17,791.1	7,331.4	282.3	283.5	-84.83	473.2	-8,619.2	466.9	-96.4	563.27	0.829	Level 1	
18,000.0	7,373.5	17,891.1	7,331.8	285.1	286.3	-84.87	472.1	-8,719.1	466.9	-102.0	568.86	0.821	Level 1	
18,100.0	7,373.6	17,991.1	7,332.2	287.9	289.1	-84.91	471.0	-8,819.1	466.9	-107.6	574.45	0.813	Level 1	
18,200.0	7,373.7	18,091.1	7,332.7	290.7	291.9	-84.96	469.9	-8,919.1	466.8	-113.2	580.03	0.805	Level 1	
18,300.0	7,373.8	18,191.1	7,333.1	293.5	294.7	-85.00	468.8	-9,019.1	466.8	-118.8	585.62	0.797	Level 1	
18,400.0	7,373.9	18,291.1	7,333.6	296.2	297.5	-85.04	467.7	-9,119.1	466.8	-124.4	591.21	0.790	Level 1	
18,480.0	7,374.0	18,371.1	7,333.9	298.5	299.7	-85.07	466.8	-9,199.1	466.7	-128.9	595.69	0.784	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.65	-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	300.0	300.0	0.6	0.6	-179.65	-45.2	-0.3	45.2	44.1	1.12	40.199		
400.0	400.0	400.0	400.0	0.8	0.8	-179.65	-45.2	-0.3	45.2	43.6	1.57	28.713 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	121.90	-45.2	-0.3	45.9	43.8	2.02	22.717		
600.0	599.9	600.3	600.3	1.2	1.2	124.37	-44.9	1.0	47.6	45.2	2.46	19.389		
700.0	699.7	700.7	700.6	1.5	1.4	126.23	-43.9	4.8	50.1	47.2	2.90	17.280		
800.0	799.3	801.1	800.8	1.7	1.7	127.50	-42.4	11.3	53.4	50.0	3.37	15.826		
900.0	898.6	901.5	900.8	2.0	1.9	128.21	-40.2	20.2	57.3	53.4	3.87	14.780		
1,000.0	997.5	1,002.0	1,000.6	2.3	2.2	128.45	-37.5	31.7	61.8	57.4	4.42	13.992		
1,100.0	1,096.1	1,102.5	1,100.0	2.6	2.5	128.32	-34.1	45.8	67.0	62.0	5.01	13.368		
1,200.0	1,194.2	1,203.0	1,199.1	3.0	2.8	127.88	-30.1	62.4	72.8	67.1	5.67	12.849		
1,300.0	1,291.7	1,303.5	1,297.6	3.4	3.2	127.22	-25.5	81.6	79.3	72.9	6.39	12.399		
1,400.0	1,388.6	1,404.1	1,395.6	3.9	3.6	126.39	-20.2	103.2	86.4	79.2	7.20	11.995		
1,500.0	1,484.9	1,504.5	1,493.0	4.4	4.1	125.46	-14.4	127.4	94.2	86.1	8.10	11.625		
1,600.0	1,580.4	1,605.0	1,589.7	4.9	4.6	124.45	-8.0	154.0	102.6	93.5	9.09	11.281		
1,700.0	1,675.0	1,705.5	1,685.6	5.5	5.1	123.41	-1.0	183.1	111.7	101.5	10.19	10.961		
1,800.0	1,768.9	1,805.9	1,780.6	6.2	5.8	122.36	6.6	214.6	121.5	110.1	11.39	10.662		
1,900.0	1,861.7	1,906.2	1,874.7	6.9	6.4	121.31	14.8	248.5	131.9	119.2	12.70	10.384		
2,000.0	1,953.6	2,006.3	1,967.6	7.7	7.2	120.33	23.5	284.6	143.0	128.9	14.12	10.132		
2,011.7	1,964.3	2,017.9	1,978.3	7.8	7.3	120.25	24.5	288.9	144.4	130.1	14.29	10.108		
2,100.0	2,044.9	2,105.6	2,059.5	8.5	7.9	119.88	32.2	321.0	154.8	139.3	15.58	9.940		
2,200.0	2,136.1	2,204.9	2,151.5	9.3	8.7	119.52	41.0	357.4	166.7	149.6	17.06	9.770		
2,300.0	2,227.3	2,304.1	2,243.5	10.1	9.4	119.20	49.8	393.8	178.5	159.9	18.56	9.619		
2,400.0	2,318.5	2,403.4	2,335.4	11.0	10.2	118.93	58.5	430.2	190.3	170.3	20.07	9.484		
2,500.0	2,409.8	2,502.7	2,427.4	11.8	11.0	118.68	67.3	466.6	202.1	180.6	21.59	9.365		
2,600.0	2,501.0	2,602.0	2,519.4	12.6	11.7	118.47	76.1	503.0	214.0	190.9	23.11	9.258		
2,700.0	2,592.2	2,701.3	2,611.3	13.5	12.5	118.27	84.9	539.4	225.8	201.2	24.65	9.162		
2,800.0	2,683.5	2,800.6	2,703.3	14.3	13.3	118.10	93.6	575.8	237.7	211.5	26.19	9.076		
2,900.0	2,774.7	2,899.9	2,795.3	15.1	14.1	117.94	102.4	612.2	249.5	221.8	27.73	8.998		
3,000.0	2,865.9	2,999.2	2,887.2	16.0	14.8	117.80	111.2	648.6	261.3	232.1	29.28	8.927		
3,100.0	2,957.2	3,098.5	2,979.2	16.8	15.6	117.67	119.9	684.9	273.2	242.4	30.83	8.862		
3,200.0	3,048.4	3,197.8	3,071.2	17.7	16.4	117.55	128.7	721.3	285.0	252.7	32.38	8.802		
3,300.0	3,139.6	3,297.1	3,163.1	18.5	17.2	117.44	137.5	757.7	296.9	262.9	33.94	8.748		
3,400.0	3,230.8	3,396.4	3,255.1	19.4	18.0	117.33	146.2	794.1	308.7	273.2	35.50	8.698		
3,500.0	3,322.1	3,495.7	3,347.1	20.2	18.8	117.24	155.0	830.5	320.6	283.5	37.06	8.651		
3,600.0	3,413.3	3,595.0	3,439.0	21.1	19.6	117.15	163.8	866.9	332.4	293.8	38.62	8.609		
3,700.0	3,504.5	3,694.3	3,531.0	21.9	20.4	117.07	172.5	903.3	344.3	304.1	40.18	8.569		
3,800.0	3,595.8	3,793.6	3,623.0	22.8	21.2	116.99	181.3	939.7	356.1	314.4	41.74	8.531		
3,900.0	3,687.0	3,892.9	3,715.0	23.6	21.9	116.92	190.1	976.1	368.0	324.7	43.31	8.497		
4,000.0	3,778.2	3,992.1	3,806.9	24.5	22.7	116.86	198.8	1,012.5	379.8	335.0	44.87	8.464		
4,100.0	3,869.4	4,091.4	3,898.9	25.3	23.5	116.79	207.6	1,048.9	391.7	345.2	46.44	8.434		
4,200.0	3,960.7	4,190.7	3,990.9	26.2	24.3	116.73	216.4	1,085.3	403.5	355.5	48.01	8.405		
4,300.0	4,051.9	4,290.0	4,082.8	27.0	25.1	116.68	225.2	1,121.7	415.4	365.8	49.58	8.379		
4,400.0	4,143.1	4,389.3	4,174.8	27.9	25.9	116.62	233.9	1,158.1	427.3	376.1	51.15	8.353		
4,500.0	4,234.4	4,488.6	4,266.8	28.7	26.7	116.57	242.7	1,194.4	439.1	386.4	52.72	8.329		
4,600.0	4,325.6	4,587.9	4,358.7	29.6	27.5	116.53	251.5	1,230.8	451.0	396.7	54.29	8.307		
4,700.0	4,416.8	4,687.2	4,450.7	30.4	28.3	116.48	260.2	1,267.2	462.8	407.0	55.86	8.285		
4,800.0	4,508.0	4,786.5	4,542.7	31.3	29.1	116.44	269.0	1,303.6	474.7	417.2	57.43	8.265		
4,900.0	4,599.3	4,885.8	4,634.6	32.1	29.9	116.40	277.8	1,340.0	486.5	427.5	59.00	8.246		
5,000.0	4,690.5	4,985.1	4,726.6	33.0	30.7	116.36	286.5	1,376.4	498.4	437.8	60.58	8.227		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,781.7	5,084.4	4,818.6	33.8	31.5	116.32	295.3	1,412.8	510.2	448.1	62.15	8.210		
5,200.0	4,873.0	5,183.7	4,910.5	34.7	32.2	116.29	304.1	1,449.2	522.1	458.4	63.72	8.193		
5,300.0	4,964.2	5,283.0	5,002.5	35.6	33.0	116.26	312.8	1,485.6	534.0	468.7	65.30	8.177		
5,400.0	5,055.4	5,382.3	5,094.5	36.4	33.8	116.22	321.6	1,522.0	545.8	478.9	66.87	8.162		
5,500.0	5,146.7	5,481.6	5,186.4	37.3	34.6	116.19	330.4	1,558.4	557.7	489.2	68.44	8.148		
5,600.0	5,237.9	5,580.9	5,278.4	38.1	35.4	116.16	339.1	1,594.8	569.5	499.5	70.02	8.134		
5,697.4	5,326.8	5,675.7	5,366.4	38.9	36.1	116.18	347.4	1,629.1	581.2	509.7	71.47	8.131		
5,700.0	5,329.1	5,678.1	5,368.7	39.0	36.2	116.19	347.6	1,630.0	581.5	510.0	71.51	8.132		
5,800.0	5,421.1	5,773.7	5,458.4	39.6	36.7	116.54	355.3	1,662.0	593.2	520.6	72.62	8.168		
5,900.0	5,514.4	5,869.3	5,549.2	40.2	37.2	116.88	362.3	1,691.1	604.0	530.4	73.62	8.204		
6,000.0	5,608.8	5,964.8	5,640.8	40.8	37.7	117.21	368.6	1,717.2	613.9	539.3	74.51	8.239		
6,100.0	5,704.4	6,060.3	5,733.3	41.3	38.1	117.53	374.2	1,740.3	622.8	547.5	75.30	8.271		
6,200.0	5,800.9	6,155.8	5,826.5	41.7	38.5	117.84	379.0	1,760.3	630.8	554.8	75.98	8.302		
6,300.0	5,898.3	6,251.2	5,920.3	42.1	38.8	118.15	383.1	1,777.4	637.9	561.3	76.56	8.332		
6,400.0	5,996.4	6,346.5	6,014.6	42.4	39.0	118.44	386.5	1,791.4	644.0	566.9	77.03	8.360		
6,500.0	6,095.1	6,441.8	6,109.2	42.7	39.2	118.74	389.2	1,802.3	649.1	571.7	77.41	8.386		
6,600.0	6,194.4	6,537.0	6,204.1	43.0	39.4	119.03	391.1	1,810.2	653.3	575.6	77.68	8.411		
6,700.0	6,294.0	6,632.2	6,299.1	43.1	39.5	119.31	392.2	1,815.0	656.6	578.7	77.85	8.433		
6,800.0	6,393.8	6,727.3	6,394.1	43.3	39.6	119.60	392.6	1,816.7	658.8	580.9	77.93	8.454		
6,906.2	6,500.0	6,833.1	6,500.0	43.4	39.7	179.62	392.6	1,816.7	659.8	612.1	47.67	13.841		
7,000.0	6,593.8	6,926.9	6,593.8	43.4	39.8	179.62	392.6	1,816.7	659.8	611.9	47.89	13.777		
7,036.2	6,630.0	6,963.2	6,630.0	43.5	39.8	179.62	392.6	1,816.7	659.8	611.8	47.98	13.752		
7,054.5	6,648.2	6,981.4	6,648.2	43.5	39.8	179.62	392.6	1,816.7	659.8	611.8	48.02	13.739		
7,100.0	6,693.8	7,026.8	6,693.6	43.5	39.8	-89.75	392.6	1,815.3	659.8	581.5	78.25	8.432		
7,150.0	6,743.5	7,076.6	6,743.1	43.5	39.8	-89.75	392.6	1,810.4	659.8	581.6	78.20	8.437		
7,200.0	6,792.8	7,126.4	6,792.2	43.4	39.8	-89.76	392.5	1,802.1	659.8	581.7	78.09	8.449		
7,250.0	6,841.4	7,176.2	6,840.6	43.3	39.7	-89.76	392.3	1,790.3	659.8	581.9	77.91	8.469		
7,300.0	6,889.0	7,226.0	6,888.1	43.2	39.6	-89.76	392.2	1,775.3	659.8	582.1	77.67	8.494		
7,350.0	6,935.5	7,275.8	6,934.4	43.1	39.4	-89.77	392.0	1,757.0	659.8	582.4	77.40	8.525		
7,400.0	6,980.5	7,325.6	6,979.3	42.9	39.3	-89.78	391.7	1,735.5	659.8	582.7	77.09	8.559		
7,450.0	7,024.0	7,375.4	7,022.7	42.8	39.1	-89.78	391.5	1,710.9	659.8	583.0	76.76	8.595		
7,500.0	7,065.6	7,425.2	7,064.2	42.6	39.0	-89.79	391.2	1,683.4	659.8	583.4	76.43	8.633		
7,550.0	7,105.1	7,475.1	7,103.7	42.4	38.8	-89.80	390.8	1,653.0	659.8	583.7	76.09	8.671		
7,600.0	7,142.5	7,524.9	7,141.0	42.3	38.6	-89.81	390.5	1,620.0	659.8	584.0	75.77	8.707		
7,650.0	7,177.4	7,574.8	7,175.9	42.1	38.5	-89.83	390.1	1,584.4	659.8	584.3	75.49	8.741		
7,700.0	7,209.8	7,624.7	7,208.3	41.9	38.4	-89.84	389.7	1,546.5	659.8	584.6	75.24	8.770		
7,750.0	7,239.4	7,674.5	7,238.0	41.8	38.3	-89.85	389.2	1,506.4	659.8	584.7	75.04	8.792		
7,755.9	7,242.7	7,680.5	7,241.3	41.8	38.3	-89.86	389.2	1,501.5	659.8	584.8	75.02	8.795		
7,800.0	7,266.1	7,724.4	7,264.8	41.7	38.2	-89.87	388.7	1,464.4	659.8	584.9	74.91	8.808		
7,850.0	7,289.8	7,774.3	7,288.6	41.5	38.2	-89.88	388.3	1,420.6	659.8	584.9	74.85	8.815		
7,900.0	7,310.4	7,824.2	7,309.3	41.5	38.2	-89.90	387.8	1,375.2	659.8	584.9	74.86	8.813		
7,950.0	7,327.8	7,874.2	7,326.8	41.4	38.2	-89.92	387.3	1,328.4	659.8	584.8	74.97	8.801		
8,000.0	7,341.8	7,924.1	7,341.1	41.4	38.3	-89.93	386.7	1,280.6	659.8	584.6	75.16	8.779		
8,050.0	7,352.4	7,974.0	7,351.9	41.4	38.5	-89.95	386.2	1,231.8	659.8	584.4	75.43	8.747		
8,100.0	7,359.7	8,024.0	7,359.3	41.4	38.6	-89.97	385.6	1,182.4	659.8	584.0	75.79	8.705		
8,150.0	7,363.4	8,074.0	7,363.3	41.5	38.8	-89.99	385.1	1,132.6	659.8	583.6	76.23	8.655		
8,178.0	7,364.0	8,102.0	7,364.0	41.5	38.9	-90.00	384.8	1,104.6	659.8	583.3	76.50	8.624		
8,178.1	7,364.0	8,102.1	7,364.0	41.5	38.9	-90.00	384.8	1,104.5	659.8	583.3	76.50	8.624		
8,179.2	7,364.0	8,103.2	7,364.0	41.5	39.0	-90.00	384.8	1,103.5	659.8	583.3	76.51	8.623		
8,200.0	7,364.0	8,124.0	7,364.0	41.6	39.1	-90.00	384.5	1,082.6	659.8	583.0	76.75	8.596		
8,300.0	7,364.1	8,224.0	7,364.1	41.9	39.7	-90.00	383.5	982.6	659.8	581.7	78.07	8.451		
8,400.0	7,364.2	8,324.0	7,364.2	42.3	40.5	-90.00	382.4	882.6	659.8	580.0	79.75	8.273		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.0	7,364.3	8,424.0	7,364.3	43.0	41.5	-90.00	381.3	782.6	659.8	578.0	81.78	8.068		
8,600.0	7,364.4	8,524.0	7,364.4	43.8	42.6	-90.00	380.2	682.6	659.8	575.7	84.14	7.842		
8,700.0	7,364.5	8,624.0	7,364.5	44.8	43.9	-90.00	379.1	582.6	659.8	573.0	86.80	7.601		
8,800.0	7,364.6	8,724.0	7,364.6	45.9	45.4	-90.00	378.0	482.6	659.8	570.1	89.73	7.353		
8,900.0	7,364.7	8,824.0	7,364.7	47.3	46.9	-90.00	376.9	382.6	659.8	566.9	92.91	7.101		
9,000.0	7,364.8	8,924.0	7,364.8	48.8	48.6	-90.00	375.8	282.6	659.8	563.5	96.31	6.850		
9,100.0	7,364.9	9,024.0	7,364.9	50.4	50.4	-90.00	374.7	182.6	659.8	559.9	99.92	6.603		
9,200.0	7,365.0	9,124.0	7,365.0	52.1	52.3	-90.00	373.6	82.6	659.8	556.1	103.70	6.362		
9,300.0	7,365.1	9,224.0	7,365.1	54.0	54.2	-90.00	372.5	-17.4	659.8	552.2	107.65	6.129		
9,400.0	7,365.2	9,324.0	7,365.2	55.9	56.3	-90.00	371.4	-117.4	659.8	548.1	111.73	5.905		
9,500.0	7,365.3	9,424.0	7,365.3	57.9	58.4	-90.00	370.3	-217.3	659.8	543.8	115.95	5.690		
9,600.0	7,365.4	9,524.0	7,365.4	60.0	60.5	-90.00	369.2	-317.3	659.8	539.5	120.28	5.486		
9,700.0	7,365.5	9,624.0	7,365.5	62.2	62.7	-90.00	368.1	-417.3	659.8	535.1	124.71	5.291		
9,800.0	7,365.6	9,724.0	7,365.6	64.4	65.0	-90.00	367.0	-517.3	659.8	530.6	129.24	5.105		
9,900.0	7,365.7	9,824.0	7,365.7	66.7	67.3	-90.00	365.9	-617.3	659.8	526.0	133.85	4.930		
10,000.0	7,365.8	9,924.0	7,365.8	69.0	69.6	-90.00	364.8	-717.3	659.8	521.3	138.53	4.763		
10,100.0	7,365.9	10,024.0	7,365.9	71.3	72.0	-90.00	363.8	-817.3	659.8	516.5	143.28	4.605		
10,200.0	7,366.0	10,124.0	7,366.0	73.7	74.4	-90.00	362.7	-917.3	659.8	511.7	148.09	4.455		
10,300.0	7,366.1	10,224.0	7,366.1	76.2	76.8	-90.00	361.6	-1,017.3	659.8	506.8	152.96	4.314		
10,400.0	7,366.2	10,324.0	7,366.1	78.6	79.3	-90.00	360.5	-1,117.3	659.8	501.9	157.88	4.179		
10,500.0	7,366.3	10,424.0	7,366.2	81.1	81.8	-90.00	359.4	-1,217.3	659.8	497.0	162.84	4.052		
10,600.0	7,366.4	10,524.0	7,366.3	83.6	84.3	-90.00	358.3	-1,317.3	659.8	492.0	167.84	3.931		
10,700.0	7,366.4	10,624.0	7,366.4	86.1	86.8	-90.00	357.2	-1,417.3	659.8	486.9	172.88	3.816		
10,800.0	7,366.5	10,724.0	7,366.5	88.6	89.3	-90.00	356.1	-1,517.3	659.8	481.8	177.96	3.708		
10,900.0	7,366.6	10,824.0	7,366.6	91.2	91.9	-90.00	355.0	-1,617.3	659.8	476.7	183.07	3.604		
11,000.0	7,366.7	10,924.0	7,366.7	93.7	94.5	-90.00	353.9	-1,717.3	659.8	471.6	188.21	3.506		
11,100.0	7,366.8	11,024.0	7,366.8	96.3	97.0	-90.00	352.8	-1,817.3	659.8	466.4	193.37	3.412		
11,200.0	7,366.9	11,124.0	7,366.9	98.9	99.6	-90.00	351.7	-1,917.2	659.8	461.2	198.56	3.323		
11,300.0	7,367.0	11,224.0	7,367.0	101.5	102.2	-90.00	350.6	-2,017.2	659.8	456.0	203.77	3.238		
11,400.0	7,367.1	11,324.0	7,367.1	104.1	104.9	-90.00	349.5	-2,117.2	659.8	450.8	209.00	3.157		
11,500.0	7,367.2	11,424.0	7,367.2	106.8	107.5	-90.00	348.4	-2,217.2	659.8	445.6	214.25	3.080		
11,600.0	7,367.3	11,524.0	7,367.3	109.4	110.1	-90.00	347.3	-2,317.2	659.8	440.3	219.52	3.006		
11,700.0	7,367.4	11,624.0	7,367.4	112.0	112.8	-90.00	346.2	-2,417.2	659.8	435.0	224.81	2.935		
11,800.0	7,367.5	11,724.0	7,367.5	114.7	115.4	-90.00	345.1	-2,517.2	659.8	429.7	230.12	2.867		
11,900.0	7,367.6	11,824.0	7,367.6	117.4	118.1	-90.00	344.1	-2,617.2	659.8	424.4	235.43	2.803		
12,000.0	7,367.7	11,924.0	7,367.7	120.0	120.7	-90.00	343.0	-2,717.2	659.8	419.0	240.76	2.740		
12,100.0	7,367.8	12,024.0	7,367.8	122.7	123.4	-90.00	341.9	-2,817.2	659.8	413.7	246.11	2.681		
12,200.0	7,367.9	12,124.0	7,367.9	125.4	126.1	-90.00	340.8	-2,917.2	659.8	408.3	251.47	2.624		
12,300.0	7,368.0	12,224.0	7,368.0	128.1	128.8	-90.00	339.7	-3,017.2	659.8	403.0	256.83	2.569		
12,400.0	7,368.1	12,324.0	7,368.1	130.8	131.5	-90.00	338.6	-3,117.2	659.8	397.6	262.21	2.516		
12,500.0	7,368.2	12,424.0	7,368.2	133.4	134.2	-90.00	337.5	-3,217.2	659.8	392.2	267.60	2.466		
12,600.0	7,368.3	12,524.0	7,368.3	136.1	136.9	-90.00	336.4	-3,317.2	659.8	386.8	273.00	2.417		
12,700.0	7,368.4	12,624.0	7,368.4	138.9	139.6	-90.00	335.3	-3,417.2	659.8	381.4	278.40	2.370		
12,800.0	7,368.5	12,724.0	7,368.5	141.6	142.3	-90.00	334.2	-3,517.1	659.8	376.0	283.82	2.325		
12,900.0	7,368.6	12,824.0	7,368.6	144.3	145.0	-90.00	333.1	-3,617.1	659.8	370.6	289.24	2.281		
13,000.0	7,368.7	12,924.0	7,368.7	147.0	147.7	-90.00	332.0	-3,717.1	659.8	365.1	294.67	2.239		
13,100.0	7,368.8	13,024.0	7,368.8	149.7	150.4	-90.00	330.9	-3,817.1	659.8	359.7	300.11	2.199		
13,200.0	7,368.9	13,124.0	7,368.9	152.4	153.1	-90.00	329.8	-3,917.1	659.8	354.3	305.55	2.159		
13,300.0	7,369.0	13,224.0	7,369.0	155.2	155.9	-90.00	328.7	-4,017.1	659.8	348.8	311.00	2.122		
13,400.0	7,369.1	13,324.0	7,369.1	157.9	158.6	-90.00	327.6	-4,117.1	659.8	343.4	316.45	2.085		
13,500.0	7,369.2	13,424.0	7,369.1	160.6	161.3	-90.00	326.5	-4,217.1	659.8	337.9	321.92	2.050		
13,600.0	7,369.3	13,524.0	7,369.2	163.3	164.1	-90.00	325.4	-4,317.1	659.8	332.4	327.38	2.015		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
13,700.0	7,369.4	13,624.0	7,369.3	166.1	166.8	-90.00	324.4	-4,417.1	659.8	327.0	332.85	1.982		
13,800.0	7,369.5	13,724.0	7,369.4	168.8	169.5	-90.00	323.3	-4,517.1	659.8	321.5	338.33	1.950		
13,900.0	7,369.6	13,824.0	7,369.5	171.6	172.3	-90.00	322.2	-4,617.1	659.8	316.0	343.81	1.919		
14,000.0	7,369.7	13,924.0	7,369.6	174.3	175.0	-90.00	321.1	-4,717.1	659.8	310.5	349.30	1.889		
14,100.0	7,369.7	14,024.0	7,369.7	177.1	177.8	-90.00	320.0	-4,817.1	659.8	305.0	354.79	1.860		
14,200.0	7,369.8	14,124.0	7,369.8	179.8	180.5	-90.00	318.9	-4,917.1	659.8	299.5	360.28	1.831		
14,300.0	7,369.9	14,224.0	7,369.9	182.6	183.3	-90.00	317.8	-5,017.1	659.8	294.0	365.78	1.804		
14,400.0	7,370.0	14,324.0	7,370.0	185.3	186.0	-90.00	316.7	-5,117.1	659.8	288.5	371.28	1.777		
14,500.0	7,370.1	14,424.0	7,370.1	188.1	188.8	-90.00	315.6	-5,217.0	659.8	283.0	376.78	1.751		
14,600.0	7,370.2	14,524.0	7,370.2	190.8	191.5	-90.00	314.5	-5,317.0	659.8	277.5	382.29	1.726		
14,700.0	7,370.3	14,624.0	7,370.3	193.6	194.3	-90.00	313.4	-5,417.0	659.8	272.0	387.80	1.701		
14,800.0	7,370.4	14,724.0	7,370.4	196.3	197.0	-90.00	312.3	-5,517.0	659.8	266.5	393.32	1.678		
14,900.0	7,370.5	14,824.0	7,370.5	199.1	199.8	-90.00	311.2	-5,617.0	659.8	261.0	398.83	1.654		
15,000.0	7,370.6	14,924.0	7,370.6	201.8	202.5	-90.00	310.1	-5,717.0	659.8	255.5	404.35	1.632		
15,100.0	7,370.7	15,024.0	7,370.7	204.6	205.3	-90.00	309.0	-5,817.0	659.8	249.9	409.88	1.610		
15,200.0	7,370.8	15,124.0	7,370.8	207.4	208.1	-90.00	307.9	-5,917.0	659.8	244.4	415.40	1.588		
15,300.0	7,370.9	15,224.0	7,370.9	210.1	210.8	-90.00	306.8	-6,017.0	659.8	238.9	420.93	1.568		
15,400.0	7,371.0	15,324.0	7,371.0	212.9	213.6	-90.00	305.7	-6,117.0	659.8	233.4	426.46	1.547		
15,500.0	7,371.1	15,424.0	7,371.1	215.7	216.4	-90.00	304.7	-6,217.0	659.8	227.8	431.99	1.527		
15,600.0	7,371.2	15,524.0	7,371.2	218.4	219.1	-90.00	303.6	-6,317.0	659.8	222.3	437.53	1.508		
15,700.0	7,371.3	15,624.0	7,371.3	221.2	221.9	-90.00	302.5	-6,417.0	659.8	216.8	443.06	1.489	Level 3	
15,800.0	7,371.4	15,724.0	7,371.4	224.0	224.7	-90.00	301.4	-6,517.0	659.8	211.2	448.60	1.471	Level 3	
15,900.0	7,371.5	15,824.0	7,371.5	226.7	227.4	-90.00	300.3	-6,617.0	659.8	205.7	454.14	1.453	Level 3	
16,000.0	7,371.6	15,924.0	7,371.6	229.5	230.2	-90.00	299.2	-6,717.0	659.8	200.1	459.69	1.435	Level 3	
16,100.0	7,371.7	16,024.0	7,371.7	232.3	233.0	-90.00	298.1	-6,816.9	659.8	194.6	465.23	1.418	Level 3	
16,200.0	7,371.8	16,124.0	7,371.8	235.1	235.8	-90.00	297.0	-6,916.9	659.8	189.1	470.78	1.402	Level 3	
16,300.0	7,371.9	16,224.0	7,371.9	237.8	238.5	-90.00	295.9	-7,016.9	659.8	183.5	476.33	1.385	Level 3	
16,400.0	7,372.0	16,324.0	7,372.0	240.6	241.3	-90.00	294.8	-7,116.9	659.8	178.0	481.88	1.369	Level 3	
16,500.0	7,372.1	16,424.0	7,372.1	243.4	244.1	-90.00	293.7	-7,216.9	659.8	172.4	487.43	1.354	Level 3	
16,600.0	7,372.2	16,524.0	7,372.1	246.2	246.9	-90.00	292.6	-7,316.9	659.8	166.9	492.98	1.338	Level 3	
16,700.0	7,372.3	16,624.0	7,372.2	248.9	249.6	-90.00	291.5	-7,416.9	659.8	161.3	498.53	1.324	Level 3	
16,800.0	7,372.4	16,724.0	7,372.3	251.7	252.4	-90.00	290.4	-7,516.9	659.8	155.7	504.09	1.309	Level 3	
16,900.0	7,372.5	16,824.0	7,372.4	254.5	255.2	-90.00	289.3	-7,616.9	659.8	150.2	509.65	1.295	Level 3	
17,000.0	7,372.6	16,924.0	7,372.5	257.3	258.0	-90.00	288.2	-7,716.9	659.8	144.6	515.21	1.281	Level 3	
17,100.0	7,372.7	17,024.0	7,372.6	260.1	260.7	-90.00	287.1	-7,816.9	659.8	139.1	520.77	1.267	Level 3	
17,200.0	7,372.8	17,124.0	7,372.7	262.8	263.5	-90.00	286.0	-7,916.9	659.8	133.5	526.33	1.254	Level 3	
17,300.0	7,372.9	17,224.0	7,372.8	265.6	266.3	-90.00	285.0	-8,016.9	659.8	127.9	531.89	1.241	Level 2	
17,400.0	7,373.0	17,324.0	7,372.9	268.4	269.1	-90.00	283.9	-8,116.9	659.8	122.4	537.45	1.228	Level 2	
17,500.0	7,373.0	17,424.0	7,373.0	271.2	271.9	-90.00	282.8	-8,216.9	659.8	116.8	543.02	1.215	Level 2	
17,600.0	7,373.1	17,524.0	7,373.1	274.0	274.7	-90.00	281.7	-8,316.9	659.8	111.3	548.58	1.203	Level 2	
17,700.0	7,373.2	17,624.0	7,373.2	276.7	277.4	-90.00	280.6	-8,416.9	659.8	105.7	554.15	1.191	Level 2	
17,800.0	7,373.3	17,724.0	7,373.3	279.5	280.2	-90.00	279.5	-8,516.8	659.8	100.1	559.72	1.179	Level 2	
17,900.0	7,373.4	17,824.0	7,373.4	282.3	283.0	-90.00	278.4	-8,616.8	659.8	94.6	565.29	1.167	Level 2	
18,000.0	7,373.5	17,924.0	7,373.5	285.1	285.8	-90.00	277.3	-8,716.8	659.8	89.0	570.86	1.156	Level 2	
18,100.0	7,373.6	18,024.0	7,373.6	287.9	288.6	-90.00	276.2	-8,816.8	659.8	83.4	576.43	1.145	Level 2	
18,200.0	7,373.7	18,124.0	7,373.7	290.7	291.4	-90.00	275.1	-8,916.8	659.8	77.8	582.00	1.134	Level 2	
18,300.0	7,373.8	18,224.0	7,373.8	293.5	294.1	-90.00	274.0	-9,016.8	659.8	72.3	587.57	1.123	Level 2	
18,400.0	7,373.9	18,324.0	7,373.9	296.2	296.9	-90.00	272.9	-9,116.8	659.8	66.7	593.15	1.112	Level 2	
18,480.0	7,374.0	18,404.0	7,374.0	298.5	299.2	-90.00	272.0	-9,196.8	659.8	62.2	597.61	1.104	Level 2, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.74	-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	267.468		
200.0	200.0	200.0	200.0	0.3	0.3	-179.74	-60.1	-0.3	60.1	59.4	0.67	89.156		
300.0	300.0	300.2	300.2	0.6	0.6	179.02	-59.9	1.0	59.9	58.8	1.12	53.717		
400.0	400.0	400.3	400.2	0.8	0.8	175.27	-59.3	4.9	59.5	57.9	1.56	38.147		
428.0	428.0	428.3	428.2	0.8	0.8	113.99	-59.0	6.5	59.4	57.8	1.69	35.212 CC, ES		
500.0	500.0	500.2	499.9	1.0	1.0	110.28	-58.3	11.4	59.8	57.8	2.02	29.659		
600.0	599.9	600.0	599.3	1.2	1.3	105.16	-56.8	20.4	61.6	59.1	2.49	24.683		
700.0	699.7	699.5	698.1	1.5	1.6	100.35	-55.0	31.9	64.7	61.7	3.01	21.533		
800.0	799.3	798.9	796.5	1.7	1.9	96.07	-52.8	46.0	69.2	65.7	3.56	19.451		
900.0	898.6	898.1	894.2	2.0	2.2	92.43	-50.2	62.6	75.0	70.8	4.16	18.019		
1,000.0	997.5	997.1	991.3	2.3	2.6	89.43	-47.1	81.6	82.0	77.1	4.82	16.992		
1,100.0	1,096.1	1,095.9	1,087.7	2.6	3.1	87.04	-43.7	103.0	90.0	84.5	5.55	16.221		
1,200.0	1,194.2	1,194.4	1,183.2	3.0	3.5	85.17	-40.0	126.8	99.1	92.7	6.34	15.614		
1,300.0	1,291.7	1,292.7	1,277.8	3.4	4.1	83.75	-35.8	153.0	109.1	101.8	7.22	15.114		
1,400.0	1,388.6	1,390.7	1,371.5	3.9	4.6	82.69	-31.3	181.5	120.0	111.8	8.17	14.686		
1,500.0	1,484.9	1,488.5	1,464.2	4.4	5.2	81.91	-26.4	212.3	131.8	122.5	9.21	14.306		
1,600.0	1,580.4	1,586.0	1,555.8	4.9	5.9	81.37	-21.2	245.4	144.4	134.0	10.34	13.962		
1,700.0	1,675.0	1,684.0	1,647.0	5.5	6.6	81.06	-15.6	280.7	157.7	146.2	11.57	13.636		
1,800.0	1,768.9	1,783.1	1,739.1	6.2	7.4	81.51	-9.8	316.9	170.9	158.0	12.90	13.247		
1,900.0	1,861.7	1,882.2	1,831.2	6.9	8.1	82.68	-4.1	353.0	183.8	169.5	14.34	12.815		
2,000.0	1,953.6	1,981.2	1,923.2	7.7	8.9	84.44	1.6	389.2	196.5	180.6	15.88	12.372		
2,011.7	1,964.3	1,992.8	1,933.9	7.8	9.0	84.68	2.3	393.4	198.0	181.9	16.07	12.321		
2,100.0	2,044.9	2,080.1	2,015.0	8.5	9.7	86.56	7.4	425.3	209.3	191.8	17.49	11.965		
2,200.0	2,136.1	2,179.0	2,106.9	9.3	10.4	88.46	13.1	461.3	222.4	203.3	19.11	11.635		
2,300.0	2,227.3	2,277.8	2,198.8	10.1	11.2	90.15	18.8	497.4	235.7	214.9	20.73	11.366		
2,400.0	2,318.5	2,376.7	2,290.7	11.0	12.0	91.66	24.5	533.5	249.1	226.8	22.36	11.143		
2,500.0	2,409.8	2,475.6	2,382.6	11.8	12.7	93.01	30.2	569.6	262.7	238.7	23.98	10.958		
2,600.0	2,501.0	2,574.5	2,474.5	12.6	13.5	94.24	36.0	605.7	276.5	250.9	25.59	10.802		
2,700.0	2,592.2	2,673.4	2,566.4	13.5	14.3	95.34	41.7	641.8	290.3	263.1	27.21	10.670		
2,800.0	2,683.5	2,772.3	2,658.3	14.3	15.0	96.34	47.4	677.9	304.3	275.4	28.82	10.557		
2,900.0	2,774.7	2,871.2	2,750.2	15.1	15.8	97.26	53.1	714.0	318.3	287.9	30.43	10.460		
3,000.0	2,865.9	2,970.1	2,842.0	16.0	16.6	98.10	58.9	750.1	332.4	300.4	32.04	10.376		
3,100.0	2,957.2	3,068.9	2,933.9	16.8	17.4	98.87	64.6	786.2	346.6	312.9	33.64	10.302		
3,200.0	3,048.4	3,167.8	3,025.8	17.7	18.1	99.58	70.3	822.3	360.8	325.5	35.24	10.238		
3,300.0	3,139.6	3,266.7	3,117.7	18.5	18.9	100.24	76.0	858.4	375.1	338.2	36.84	10.181		
3,400.0	3,230.8	3,365.6	3,209.6	19.4	19.7	100.85	81.7	894.5	389.4	350.9	38.43	10.131		
3,500.0	3,322.1	3,464.5	3,301.5	20.2	20.5	101.41	87.5	930.5	403.7	363.7	40.03	10.086		
3,600.0	3,413.3	3,563.4	3,393.4	21.1	21.2	101.94	93.2	966.6	418.1	376.5	41.62	10.047		
3,700.0	3,504.5	3,662.3	3,485.3	21.9	22.0	102.43	98.9	1,002.7	432.6	389.4	43.21	10.011		
3,800.0	3,595.8	3,761.2	3,577.1	22.8	22.8	102.89	104.6	1,038.8	447.0	402.2	44.80	9.979		
3,900.0	3,687.0	3,860.0	3,669.0	23.6	23.6	103.32	110.4	1,074.9	461.5	415.1	46.38	9.950		
4,000.0	3,778.2	3,958.9	3,760.9	24.5	24.4	103.72	116.1	1,111.0	476.0	428.0	47.97	9.924		
4,100.0	3,869.4	4,057.8	3,852.8	25.3	25.1	104.10	121.8	1,147.1	490.5	441.0	49.55	9.900		
4,200.0	3,960.7	4,156.7	3,944.7	26.2	25.9	104.46	127.5	1,183.2	505.1	454.0	51.13	9.878		
4,300.0	4,051.9	4,255.6	4,036.6	27.0	26.7	104.80	133.3	1,219.3	519.7	467.0	52.71	9.858		
4,400.0	4,143.1	4,354.5	4,128.5	27.9	27.5	105.12	139.0	1,255.4	534.2	480.0	54.29	9.840		
4,500.0	4,234.4	4,453.4	4,220.4	28.7	28.2	105.42	144.7	1,291.5	548.8	493.0	55.87	9.824		
4,600.0	4,325.6	4,552.3	4,312.2	29.6	29.0	105.71	150.4	1,327.6	563.5	506.0	57.45	9.808		
4,700.0	4,416.8	4,651.1	4,404.1	30.4	29.8	105.98	156.1	1,363.7	578.1	519.1	59.02	9.794		
4,800.0	4,508.0	4,750.0	4,496.0	31.3	30.6	106.24	161.9	1,399.7	592.7	532.1	60.60	9.781		
4,900.0	4,599.3	4,848.9	4,587.9	32.1	31.4	106.49	167.6	1,435.8	607.4	545.2	62.17	9.769		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-17)													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,690.5	4,947.8	4,679.8	33.0	32.1	106.73	173.3	1,471.9	622.0	558.3	63.75	9.758	
5,100.0	4,781.7	5,046.7	4,771.7	33.8	32.9	106.95	179.0	1,508.0	636.7	571.4	65.32	9.748	
5,200.0	4,873.0	5,145.6	4,863.6	34.7	33.7	107.16	184.8	1,544.1	651.4	584.5	66.89	9.738	
5,300.0	4,964.2	5,244.5	4,955.5	35.6	34.5	107.37	190.5	1,580.2	666.1	597.6	68.46	9.729	
5,400.0	5,055.4	5,343.4	5,047.4	36.4	35.2	107.57	196.2	1,616.3	680.8	610.8	70.03	9.721 SF	
5,500.0	5,146.7	5,442.9	5,140.6	37.3	35.9	107.92	201.7	1,650.8	695.4	624.0	71.43	9.735	
5,600.0	5,237.9	5,542.1	5,234.6	38.1	36.4	108.53	206.6	1,682.0	710.0	637.3	72.70	9.767	
5,697.4	5,326.8	5,638.1	5,326.6	38.9	36.9	109.37	210.9	1,709.2	724.3	650.5	73.84	9.810	
5,700.0	5,329.1	5,640.6	5,329.0	39.0	36.9	109.40	211.0	1,709.8	724.7	650.9	73.86	9.812	
5,800.0	5,421.1	5,738.7	5,423.9	39.6	37.3	110.62	214.9	1,734.3	739.0	664.2	74.76	9.885	
5,900.0	5,514.4	5,836.4	5,519.2	40.2	37.7	111.79	218.3	1,755.5	752.3	676.7	75.53	9.960	
6,000.0	5,608.8	5,933.9	5,615.0	40.8	38.0	112.91	221.1	1,773.4	764.6	688.4	76.18	10.037	
6,100.0	5,704.4	6,031.1	5,711.1	41.3	38.3	113.99	223.4	1,788.0	775.9	699.2	76.71	10.115	
6,200.0	5,800.9	6,128.0	5,807.2	41.7	38.5	115.04	225.2	1,799.4	786.1	709.0	77.11	10.195	
6,300.0	5,898.3	6,224.5	5,903.4	42.1	38.7	116.06	226.5	1,807.6	795.4	718.0	77.41	10.276	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.79	-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	333.888		
200.0	200.0	200.0	200.0	0.3	0.3	-179.79	-75.0	-0.3	75.0	74.4	0.67	111.296		
300.0	300.0	300.0	300.0	0.6	0.6	-179.79	-75.0	-0.3	75.0	73.9	1.12	66.778		
400.0	400.0	400.0	400.0	0.8	0.8	-179.79	-75.0	-0.3	75.0	73.5	1.57	47.698 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	120.21	-75.1	1.0	75.7	73.7	2.01	37.749		
600.0	599.9	599.9	599.8	1.2	1.2	119.79	-75.1	5.0	77.8	75.3	2.44	31.894		
700.0	699.7	699.8	699.5	1.5	1.4	119.14	-75.2	11.5	81.1	78.2	2.90	28.021		
800.0	799.3	799.6	798.9	1.7	1.7	118.31	-75.4	20.6	85.9	82.5	3.39	25.355		
900.0	898.6	899.3	897.9	2.0	2.0	117.37	-75.5	32.3	92.0	88.1	3.92	23.449		
1,000.0	997.5	998.8	996.4	2.3	2.3	116.37	-75.7	46.6	99.5	95.0	4.52	22.039		
1,100.0	1,096.1	1,098.2	1,094.3	2.6	2.6	115.36	-76.0	63.3	108.4	103.3	5.17	20.960		
1,200.0	1,194.2	1,197.4	1,191.6	3.0	3.0	114.37	-76.3	82.6	118.7	112.8	5.90	20.107		
1,300.0	1,291.7	1,296.3	1,288.1	3.4	3.4	113.42	-76.6	104.4	130.3	123.6	6.71	19.414		
1,400.0	1,388.6	1,395.0	1,383.8	3.9	3.9	112.54	-77.0	128.6	143.3	135.7	7.61	18.837		
1,500.0	1,484.9	1,493.4	1,478.5	4.4	4.4	111.71	-77.4	155.1	157.6	149.1	8.59	18.347		
1,600.0	1,580.4	1,591.5	1,572.3	4.9	4.9	110.94	-77.8	184.0	173.3	163.6	9.67	17.924		
1,700.0	1,675.0	1,689.4	1,665.0	5.5	5.5	110.22	-78.3	215.3	190.3	179.5	10.84	17.554		
1,800.0	1,768.9	1,786.8	1,756.6	6.2	6.2	109.56	-78.8	248.7	208.6	196.5	12.11	17.230		
1,900.0	1,861.7	1,884.9	1,848.2	6.9	6.9	109.24	-79.3	283.6	228.0	214.5	13.46	16.943		
2,000.0	1,953.6	1,982.8	1,939.7	7.7	7.6	109.49	-79.8	318.5	248.2	233.4	14.86	16.708		
2,011.7	1,964.3	1,994.3	1,950.4	7.8	7.7	109.55	-79.9	322.6	250.6	235.6	15.02	16.685		
2,100.0	2,044.9	2,080.6	2,031.0	8.5	8.3	110.24	-80.3	353.3	269.0	252.7	16.30	16.506		
2,200.0	2,136.1	2,178.3	2,122.4	9.3	9.0	110.92	-80.8	388.1	289.9	272.1	17.75	16.328		
2,300.0	2,227.3	2,276.1	2,213.7	10.1	9.8	111.51	-81.4	422.9	310.7	291.5	19.22	16.171		
2,400.0	2,318.5	2,373.8	2,305.0	11.0	10.5	112.02	-81.9	457.7	331.6	311.0	20.68	16.033		
2,500.0	2,409.8	2,471.6	2,396.4	11.8	11.2	112.47	-82.4	492.5	352.6	330.4	22.16	15.911		
2,600.0	2,501.0	2,569.3	2,487.7	12.6	11.9	112.87	-82.9	527.3	373.5	349.9	23.64	15.802		
2,700.0	2,592.2	2,667.1	2,579.1	13.5	12.7	113.23	-83.4	562.1	394.5	369.4	25.12	15.705		
2,800.0	2,683.5	2,764.8	2,670.4	14.3	13.4	113.55	-84.0	596.9	415.5	388.9	26.60	15.617		
2,900.0	2,774.7	2,862.6	2,761.8	15.1	14.2	113.84	-84.5	631.8	436.4	408.4	28.09	15.538		
3,000.0	2,865.9	2,960.3	2,853.1	16.0	14.9	114.11	-85.0	666.6	457.4	427.9	29.58	15.466		
3,100.0	2,957.2	3,058.1	2,944.4	16.8	15.6	114.35	-85.5	701.4	478.4	447.4	31.07	15.401		
3,200.0	3,048.4	3,155.8	3,035.8	17.7	16.4	114.57	-86.0	736.2	499.5	466.9	32.56	15.341		
3,300.0	3,139.6	3,253.6	3,127.1	18.5	17.1	114.78	-86.5	771.0	520.5	486.4	34.05	15.286		
3,400.0	3,230.8	3,351.3	3,218.5	19.4	17.8	114.96	-87.1	805.8	541.5	506.0	35.54	15.236		
3,500.0	3,322.1	3,449.1	3,309.8	20.2	18.6	115.14	-87.6	840.6	562.5	525.5	37.03	15.189		
3,600.0	3,413.3	3,546.8	3,401.1	21.1	19.3	115.30	-88.1	875.4	583.6	545.0	38.53	15.146		
3,700.0	3,504.5	3,644.6	3,492.5	21.9	20.1	115.45	-88.6	910.2	604.6	564.6	40.02	15.106		
3,800.0	3,595.8	3,742.3	3,583.8	22.8	20.8	115.59	-89.1	945.0	625.6	584.1	41.52	15.069		
3,900.0	3,687.0	3,840.1	3,675.2	23.6	21.6	115.72	-89.7	979.8	646.7	603.7	43.01	15.034		
4,000.0	3,778.2	3,937.8	3,766.5	24.5	22.3	115.84	-90.2	1,014.6	667.7	623.2	44.51	15.002		
4,100.0	3,869.4	4,035.6	3,857.8	25.3	23.0	115.96	-90.7	1,049.4	688.8	642.8	46.01	14.972		
4,200.0	3,960.7	4,133.3	3,949.2	26.2	23.8	116.06	-91.2	1,084.3	709.8	662.3	47.50	14.943		
4,300.0	4,051.9	4,231.1	4,040.5	27.0	24.5	116.17	-91.7	1,119.1	730.9	681.9	49.00	14.916		
4,400.0	4,143.1	4,328.8	4,131.9	27.9	25.3	116.26	-92.3	1,153.9	752.0	701.5	50.50	14.891		
4,500.0	4,234.4	4,426.6	4,223.2	28.7	26.0	116.35	-92.8	1,188.7	773.0	721.0	52.00	14.867		
4,600.0	4,325.6	4,524.3	4,314.6	29.6	26.8	116.44	-93.3	1,223.5	794.1	740.6	53.49	14.845 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.82	-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	400.344		
200.0	200.0	200.0	200.0	0.3	0.3	-179.82	-90.0	-0.3	90.0	89.3	0.67	133.448		
300.0	300.0	300.0	300.0	0.6	0.6	-179.82	-90.0	-0.3	90.0	88.9	1.12	80.069		
400.0	400.0	400.0	400.0	0.8	0.8	-179.82	-90.0	-0.3	90.0	88.4	1.57	57.192 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	121.03	-90.0	-0.3	90.7	88.6	2.02	44.912		
600.0	599.9	599.9	599.9	1.2	1.2	123.08	-90.0	-0.3	92.7	90.3	2.47	37.620		
700.0	699.7	699.7	699.7	1.5	1.4	125.51	-90.1	1.0	96.5	93.6	2.91	33.168		
800.0	799.3	799.5	799.4	1.7	1.7	127.44	-90.5	4.9	101.9	98.5	3.36	30.332		
900.0	898.6	899.4	899.1	2.0	1.9	128.84	-91.1	11.4	108.8	105.0	3.84	28.374		
1,000.0	997.5	999.2	998.5	2.3	2.1	129.76	-92.0	20.5	117.4	113.0	4.35	26.984		
1,100.0	1,096.1	1,098.9	1,097.5	2.6	2.4	130.25	-93.1	32.1	127.4	122.5	4.91	25.960		
1,200.0	1,194.2	1,198.6	1,196.1	3.0	2.7	130.39	-94.5	46.3	138.9	133.4	5.52	25.166		
1,300.0	1,291.7	1,298.1	1,294.2	3.4	3.0	130.24	-96.1	63.0	151.8	145.6	6.19	24.516		
1,400.0	1,388.6	1,397.4	1,391.6	3.9	3.3	129.88	-98.0	82.3	166.2	159.2	6.94	23.954		
1,500.0	1,484.9	1,496.6	1,488.3	4.4	3.7	129.35	-100.1	104.0	182.0	174.2	7.76	23.447		
1,600.0	1,580.4	1,595.4	1,584.2	4.9	4.2	128.71	-102.5	128.1	199.2	190.6	8.67	22.977		
1,700.0	1,675.0	1,694.0	1,679.1	5.5	4.7	127.99	-105.1	154.6	217.9	208.3	9.67	22.534		
1,800.0	1,768.9	1,792.3	1,773.1	6.2	5.2	127.22	-107.9	183.4	238.0	227.3	10.76	22.113		
1,900.0	1,861.7	1,890.3	1,865.9	6.9	5.8	126.42	-110.9	214.6	259.6	247.6	11.95	21.713		
2,000.0	1,953.6	1,987.9	1,957.6	7.7	6.5	125.60	-114.1	247.9	282.5	269.3	13.24	21.334		
2,011.7	1,964.3	1,999.3	1,968.2	7.8	6.6	125.50	-114.5	252.0	285.3	271.9	13.40	21.295		
2,100.0	2,044.9	2,085.1	2,048.1	8.5	7.2	124.94	-117.6	283.2	306.3	291.7	14.63	20.944		
2,200.0	2,136.1	2,182.2	2,138.3	9.3	7.9	124.34	-121.0	318.7	330.1	314.1	16.04	20.577		
2,300.0	2,227.3	2,279.2	2,228.6	10.1	8.6	123.83	-124.5	354.3	354.0	336.5	17.48	20.251		
2,400.0	2,318.5	2,376.3	2,318.9	11.0	9.3	123.38	-127.9	389.8	377.9	358.9	18.93	19.959		
2,500.0	2,409.8	2,473.4	2,409.1	11.8	10.1	122.99	-131.4	425.3	401.8	381.4	20.40	19.700		
2,600.0	2,501.0	2,570.4	2,499.4	12.6	10.8	122.64	-134.9	460.9	425.7	403.8	21.87	19.467		
2,700.0	2,592.2	2,667.5	2,589.7	13.5	11.6	122.33	-138.3	496.4	449.6	426.3	23.35	19.259		
2,800.0	2,683.5	2,764.6	2,679.9	14.3	12.3	122.05	-141.8	532.0	473.6	448.7	24.83	19.071		
2,900.0	2,774.7	2,861.6	2,770.2	15.1	13.1	121.79	-145.2	567.5	497.5	471.2	26.32	18.901		
3,000.0	2,865.9	2,958.7	2,860.4	16.0	13.8	121.56	-148.7	603.0	521.5	493.7	27.82	18.747		
3,100.0	2,957.2	3,055.8	2,950.7	16.8	14.6	121.35	-152.1	638.6	545.5	516.1	29.32	18.607		
3,200.0	3,048.4	3,152.8	3,041.0	17.7	15.3	121.16	-155.6	674.1	569.4	538.6	30.82	18.478		
3,300.0	3,139.6	3,249.9	3,131.2	18.5	16.1	120.98	-159.1	709.6	593.4	561.1	32.32	18.360		
3,400.0	3,230.8	3,347.0	3,221.5	19.4	16.8	120.82	-162.5	745.2	617.4	583.6	33.83	18.252		
3,500.0	3,322.1	3,444.0	3,311.8	20.2	17.6	120.67	-166.0	780.7	641.4	606.0	35.33	18.152		
3,600.0	3,413.3	3,541.1	3,402.0	21.1	18.4	120.53	-169.4	816.2	665.4	628.5	36.84	18.059		
3,700.0	3,504.5	3,638.2	3,492.3	21.9	19.1	120.40	-172.9	851.8	689.4	651.0	38.36	17.973		
3,800.0	3,595.8	3,735.2	3,582.5	22.8	19.9	120.27	-176.3	887.3	713.4	673.5	39.87	17.893		
3,900.0	3,687.0	3,832.3	3,672.8	23.6	20.7	120.16	-179.8	922.8	737.4	696.0	41.38	17.819		
4,000.0	3,778.2	3,929.4	3,763.1	24.5	21.4	120.05	-183.3	958.4	761.4	718.5	42.90	17.749		
4,100.0	3,869.4	4,026.4	3,853.3	25.3	22.2	119.95	-186.7	993.9	785.4	741.0	44.41	17.684 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.85	-104.9	-0.3	104.9					
100.0	100.0	100.0	100.0	0.1	0.1	-179.85	-104.9	-0.3	104.9	104.7	0.22	466.800		
200.0	200.0	200.0	200.0	0.3	0.3	-179.85	-104.9	-0.3	104.9	104.2	0.67	155.600 CC		
300.0	300.0	299.5	299.5	0.6	0.5	179.46	-105.1	1.0	105.2	104.0	1.11	94.712 ES		
400.0	400.0	398.9	398.8	0.8	0.8	177.39	-105.8	4.8	106.0	104.4	1.55	68.402		
500.0	500.0	498.0	497.7	1.0	1.0	114.79	-107.0	11.2	108.1	106.1	2.00	54.019		
600.0	599.9	597.0	596.3	1.2	1.3	112.10	-108.6	20.0	112.3	109.9	2.48	45.385		
700.0	699.7	695.7	694.3	1.5	1.5	109.61	-110.6	31.3	118.5	115.6	2.98	39.765		
800.0	799.3	794.1	791.7	1.7	1.9	107.39	-113.1	45.1	126.7	123.2	3.53	35.928		
900.0	898.6	892.1	888.3	2.0	2.2	105.47	-116.0	61.3	136.8	132.7	4.12	33.195		
1,000.0	997.5	989.8	984.1	2.3	2.6	103.88	-119.3	79.8	148.8	144.0	4.77	31.173		
1,100.0	1,096.1	1,087.0	1,079.0	2.6	3.0	102.57	-123.1	100.6	162.6	157.1	5.49	29.622		
1,200.0	1,194.2	1,183.8	1,172.9	3.0	3.5	101.52	-127.2	123.7	178.1	171.8	6.27	28.392		
1,300.0	1,291.7	1,280.0	1,265.7	3.4	4.0	100.68	-131.8	149.0	195.3	188.2	7.13	27.387		
1,400.0	1,388.6	1,375.7	1,357.3	3.9	4.6	100.03	-136.7	176.4	214.2	206.2	8.07	26.545		
1,500.0	1,484.9	1,470.9	1,447.6	4.4	5.2	99.51	-142.0	205.9	234.8	225.7	9.09	25.827		
1,600.0	1,580.4	1,565.4	1,536.5	4.9	5.8	99.11	-147.7	237.4	256.9	246.7	10.19	25.209		
1,700.0	1,675.0	1,662.1	1,626.9	5.5	6.5	98.93	-153.7	271.0	280.3	268.9	11.39	24.611		
1,800.0	1,768.9	1,759.1	1,717.7	6.2	7.2	99.22	-159.8	304.9	304.0	291.4	12.66	24.023		
1,900.0	1,861.7	1,856.0	1,808.3	6.9	7.9	99.87	-165.9	338.7	328.3	314.3	13.99	23.462		
2,000.0	1,953.6	1,952.6	1,898.6	7.7	8.7	100.80	-172.0	372.4	353.1	337.7	15.39	22.942		
2,011.7	1,964.3	1,963.9	1,909.1	7.8	8.7	100.92	-172.7	376.3	356.1	340.5	15.56	22.884		
2,100.0	2,044.9	2,049.0	1,988.7	8.5	9.4	102.13	-178.0	406.0	378.4	361.5	16.85	22.458		
2,200.0	2,136.1	2,145.3	2,078.8	9.3	10.1	103.33	-184.1	439.6	403.9	385.6	18.32	22.049		
2,300.0	2,227.3	2,241.7	2,168.9	10.1	10.8	104.40	-190.1	473.2	429.5	409.7	19.79	21.704		
2,400.0	2,318.5	2,338.1	2,259.0	11.0	11.5	105.34	-196.2	506.8	455.2	434.0	21.26	21.410		
2,500.0	2,409.8	2,434.4	2,349.1	11.8	12.3	106.18	-202.2	540.4	481.1	458.4	22.74	21.156		
2,600.0	2,501.0	2,530.8	2,439.3	12.6	13.0	106.94	-208.3	574.0	507.0	482.8	24.22	20.937		
2,700.0	2,592.2	2,627.2	2,529.4	13.5	13.7	107.63	-214.3	607.7	533.1	507.4	25.70	20.744		
2,800.0	2,683.5	2,723.5	2,619.5	14.3	14.5	108.25	-220.4	641.3	559.1	532.0	27.17	20.575		
2,900.0	2,774.7	2,819.9	2,709.6	15.1	15.2	108.81	-226.4	674.9	585.3	556.6	28.65	20.426		
3,000.0	2,865.9	2,916.3	2,799.7	16.0	15.9	109.33	-232.5	708.5	611.5	581.3	30.13	20.293		
3,100.0	2,957.2	3,012.6	2,889.8	16.8	16.6	109.80	-238.5	742.1	637.7	606.1	31.61	20.173		
3,200.0	3,048.4	3,109.0	2,980.0	17.7	17.4	110.24	-244.6	775.7	663.9	630.9	33.09	20.066		
3,300.0	3,139.6	3,205.4	3,070.1	18.5	18.1	110.64	-250.6	809.3	690.2	655.7	34.57	19.969		
3,400.0	3,230.8	3,301.8	3,160.2	19.4	18.8	111.02	-256.7	843.0	716.6	680.5	36.04	19.881		
3,500.0	3,322.1	3,398.1	3,250.3	20.2	19.6	111.37	-262.7	876.6	742.9	705.4	37.52	19.801		
3,600.0	3,413.3	3,494.5	3,340.4	21.1	20.3	111.69	-268.8	910.2	769.3	730.3	39.00	19.727		
3,700.0	3,504.5	3,590.9	3,430.5	21.9	21.0	111.99	-274.8	943.8	795.7	755.2	40.47	19.660 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.87	-120.2	-0.3	120.2					
100.0	100.0	100.0	100.0	0.1	0.1	-179.87	-120.2	-0.3	120.2	120.0	0.22	534.877		
200.0	200.0	200.0	200.0	0.3	0.3	-179.87	-120.2	-0.3	120.2	119.5	0.67	178.292		
300.0	300.0	300.0	300.0	0.6	0.6	-179.87	-120.2	-0.3	120.2	119.1	1.12	106.975		
400.0	400.0	400.0	400.0	0.8	0.8	-179.87	-120.2	-0.3	120.2	118.6	1.57	76.411 CC, ES		
500.0	500.0	499.0	499.0	1.0	1.0	120.22	-120.6	0.9	121.3	119.3	2.00	60.646		
600.0	599.9	597.9	597.8	1.2	1.2	120.04	-121.9	4.6	124.5	122.1	2.42	51.352		
700.0	699.7	696.7	696.4	1.5	1.4	119.77	-123.9	10.6	129.9	127.0	2.88	45.157		
800.0	799.3	795.3	794.6	1.7	1.7	119.43	-126.8	19.1	137.4	134.1	3.36	40.882		
900.0	898.6	893.6	892.2	2.0	1.9	119.03	-130.5	29.9	147.1	143.2	3.89	37.834		
1,000.0	997.5	991.6	989.2	2.3	2.2	118.59	-135.0	43.0	158.8	154.4	4.46	35.593		
1,100.0	1,096.1	1,089.1	1,085.4	2.6	2.5	118.14	-140.3	58.4	172.7	167.6	5.10	33.895		
1,200.0	1,194.2	1,186.2	1,180.7	3.0	2.9	117.68	-146.3	76.0	188.7	182.9	5.79	32.573		
1,300.0	1,291.7	1,282.8	1,275.0	3.4	3.3	117.23	-153.0	95.8	206.8	200.2	6.56	31.516		
1,400.0	1,388.6	1,378.9	1,368.2	3.9	3.8	116.78	-160.5	117.8	226.9	219.5	7.40	30.651		
1,500.0	1,484.9	1,474.3	1,460.2	4.4	4.3	116.35	-168.7	141.7	249.0	240.7	8.32	29.930		
1,600.0	1,580.4	1,569.0	1,550.8	4.9	4.8	115.92	-177.6	167.7	273.1	263.8	9.32	29.319		
1,700.0	1,675.0	1,663.0	1,640.1	5.5	5.4	115.51	-187.1	195.5	299.2	288.8	10.39	28.791		
1,800.0	1,768.9	1,756.3	1,727.9	6.2	6.0	115.09	-197.2	225.2	327.2	315.7	11.55	28.334		
1,900.0	1,861.7	1,848.7	1,814.2	6.9	6.7	114.69	-207.9	256.6	357.2	344.4	12.79	27.934		
2,000.0	1,953.6	1,942.1	1,900.7	7.7	7.4	114.33	-219.3	290.0	388.8	374.7	14.11	27.563		
2,011.7	1,964.3	1,953.2	1,910.9	7.8	7.5	114.31	-220.7	294.0	392.6	378.4	14.27	27.520		
2,100.0	2,044.9	2,036.7	1,988.2	8.5	8.1	114.54	-231.0	324.1	421.2	405.7	15.50	27.180		
2,200.0	2,136.1	2,131.3	2,075.6	9.3	8.9	114.77	-242.6	358.1	453.6	436.7	16.91	26.830		
2,300.0	2,227.3	2,225.9	2,163.1	10.1	9.6	114.97	-254.2	392.2	486.0	467.7	18.33	26.516		
2,400.0	2,318.5	2,320.5	2,250.6	11.0	10.4	115.14	-265.9	426.3	518.4	498.7	19.76	26.235		
2,500.0	2,409.8	2,415.1	2,338.1	11.8	11.1	115.30	-277.5	460.3	550.8	529.6	21.20	25.982		
2,600.0	2,501.0	2,509.6	2,425.5	12.6	11.9	115.43	-289.1	494.4	583.3	560.6	22.65	25.754		
2,700.0	2,592.2	2,604.2	2,513.0	13.5	12.7	115.55	-300.8	528.4	615.7	591.6	24.10	25.549		
2,800.0	2,683.5	2,698.8	2,600.5	14.3	13.4	115.66	-312.4	562.5	648.1	622.5	25.55	25.362		
2,900.0	2,774.7	2,793.4	2,688.0	15.1	14.2	115.76	-324.0	596.6	680.5	653.5	27.01	25.192		
3,000.0	2,865.9	2,888.0	2,775.5	16.0	15.0	115.85	-335.6	630.6	712.9	684.5	28.48	25.038		
3,100.0	2,957.2	2,982.6	2,862.9	16.8	15.7	115.93	-347.3	664.7	745.4	715.4	29.94	24.896		
3,200.0	3,048.4	3,077.2	2,950.4	17.7	16.5	116.01	-358.9	698.7	777.8	746.4	31.41	24.765 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.76	-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	601.355		
200.0	200.0	200.0	200.0	0.3	0.3	-179.76	-135.2	-0.6	135.2	134.5	0.67	200.452		
300.0	300.0	300.0	300.0	0.6	0.6	-179.76	-135.2	-0.6	135.2	134.0	1.12	120.271		
400.0	400.0	400.0	400.0	0.8	0.8	-179.76	-135.2	-0.6	135.2	133.6	1.57	85.908 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	120.85	-135.2	-0.6	135.8	133.8	2.02	67.296		
600.0	599.9	599.9	599.9	1.2	1.2	122.22	-135.2	-0.6	137.9	135.4	2.46	55.939		
700.0	699.7	698.5	698.5	1.5	1.4	123.90	-135.7	0.6	141.9	139.0	2.90	48.905		
800.0	799.3	797.0	796.9	1.7	1.6	125.33	-137.2	4.1	148.4	145.0	3.34	44.366		
900.0	898.6	895.4	895.1	2.0	1.8	126.47	-139.7	9.9	157.2	153.4	3.82	41.198		
1,000.0	997.5	993.5	992.8	2.3	2.1	127.33	-143.2	18.0	168.4	164.1	4.32	38.949		
1,100.0	1,096.1	1,091.4	1,090.0	2.6	2.3	127.91	-147.7	28.4	181.9	177.1	4.88	37.316		
1,200.0	1,194.2	1,188.9	1,186.5	3.0	2.6	128.24	-153.2	41.0	197.7	192.3	5.48	36.096		
1,300.0	1,291.7	1,285.9	1,282.2	3.4	2.9	128.37	-159.6	55.8	215.8	209.6	6.14	35.151		
1,400.0	1,388.6	1,382.5	1,377.0	3.9	3.3	128.32	-166.9	72.7	236.0	229.1	6.86	34.392		
1,500.0	1,484.9	1,478.4	1,470.7	4.4	3.6	128.14	-175.2	91.7	258.4	250.7	7.65	33.757		
1,600.0	1,580.4	1,573.7	1,563.2	4.9	4.1	127.85	-184.3	112.7	283.0	274.5	8.52	33.211		
1,700.0	1,675.0	1,668.3	1,654.5	5.5	4.5	127.49	-194.2	135.6	309.7	300.2	9.46	32.731		
1,800.0	1,768.9	1,762.2	1,744.3	6.2	5.1	127.06	-205.0	160.4	338.5	328.0	10.48	32.293		
1,900.0	1,861.7	1,855.2	1,832.7	6.9	5.6	126.58	-216.5	186.9	369.4	357.8	11.58	31.901		
2,000.0	1,953.6	1,947.3	1,919.6	7.7	6.2	126.07	-228.8	215.2	402.3	389.5	12.75	31.541		
2,011.7	1,964.3	1,958.1	1,929.6	7.8	6.3	126.00	-230.2	218.6	406.3	393.4	12.90	31.502		
2,100.0	2,044.9	2,038.8	2,005.0	8.5	6.8	125.81	-241.7	245.1	436.6	422.6	14.01	31.157		
2,200.0	2,136.1	2,129.7	2,089.1	9.3	7.5	125.37	-255.4	276.7	471.6	456.2	15.33	30.751		
2,300.0	2,227.3	2,220.9	2,172.7	10.1	8.3	124.75	-270.0	310.2	507.1	490.4	16.72	30.337		
2,400.0	2,318.5	2,314.1	2,257.9	11.0	9.0	124.12	-285.0	344.9	542.8	524.7	18.14	29.924		
2,500.0	2,409.8	2,407.4	2,343.2	11.8	9.8	123.58	-300.1	379.5	578.6	559.0	19.58	29.554		
2,600.0	2,501.0	2,500.6	2,428.4	12.6	10.6	123.10	-315.1	414.2	614.4	593.4	21.03	29.222		
2,700.0	2,592.2	2,593.9	2,513.6	13.5	11.4	122.67	-330.2	448.9	650.3	627.8	22.48	28.925		
2,800.0	2,683.5	2,687.1	2,598.9	14.3	12.2	122.29	-345.2	483.6	686.2	662.2	23.94	28.657		
2,900.0	2,774.7	2,780.3	2,684.1	15.1	13.0	121.94	-360.3	518.3	722.1	696.7	25.41	28.415		
3,000.0	2,865.9	2,873.6	2,769.3	16.0	13.8	121.63	-375.3	553.0	758.0	731.1	26.88	28.196		
3,100.0	2,957.2	2,966.8	2,854.6	16.8	14.6	121.35	-390.4	587.7	794.0	765.6	28.36	27.997 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.79	-150.1	-0.6	150.1					
100.0	100.0	100.0	100.0	0.1	0.1	-179.79	-150.1	-0.6	150.1	149.9	0.22	667.811		
200.0	200.0	200.0	200.0	0.3	0.3	-179.79	-150.1	-0.6	150.1	149.4	0.67	222.604 CC, ES		
300.0	300.0	298.2	298.2	0.6	0.5	179.78	-150.7	0.6	150.7	149.6	1.10	136.465		
400.0	400.0	396.3	396.2	0.8	0.7	178.52	-152.4	3.9	152.5	151.0	1.54	99.254		
500.0	500.0	494.2	493.9	1.0	1.0	117.01	-155.3	9.5	156.3	154.3	1.98	78.810		
600.0	599.9	591.8	591.1	1.2	1.2	115.46	-159.3	17.3	162.7	160.2	2.45	66.440		
700.0	699.7	689.0	687.7	1.5	1.5	114.08	-164.4	27.2	171.6	168.7	2.94	58.322		
800.0	799.3	785.8	783.5	1.7	1.8	112.88	-170.7	39.3	183.1	179.6	3.47	52.735		
900.0	898.6	882.1	878.4	2.0	2.2	111.88	-178.0	53.4	197.0	193.0	4.04	48.730		
1,000.0	997.5	977.7	972.3	2.3	2.5	111.07	-186.3	69.5	213.4	208.7	4.66	45.753		
1,100.0	1,096.1	1,072.7	1,065.1	2.6	3.0	110.41	-195.7	87.6	232.1	226.8	5.34	43.470		
1,200.0	1,194.2	1,166.9	1,156.6	3.0	3.4	109.89	-206.0	107.6	253.2	247.1	6.08	41.669		
1,300.0	1,291.7	1,260.3	1,246.7	3.4	3.9	109.48	-217.2	129.3	276.6	269.7	6.88	40.213		
1,400.0	1,388.6	1,352.8	1,335.4	3.9	4.4	109.15	-229.3	152.8	302.2	294.4	7.75	39.013		
1,500.0	1,484.9	1,444.4	1,422.5	4.4	5.0	108.88	-242.3	177.9	330.0	321.3	8.68	38.002		
1,600.0	1,580.4	1,534.9	1,507.9	4.9	5.6	108.66	-256.1	204.6	360.0	350.3	9.69	37.147		
1,700.0	1,675.0	1,624.5	1,591.7	5.5	6.3	108.46	-270.6	232.7	392.0	381.3	10.77	36.413		
1,800.0	1,768.9	1,712.9	1,673.7	6.2	6.9	108.27	-285.8	262.2	426.2	414.3	11.91	35.778		
1,900.0	1,861.7	1,800.0	1,753.6	6.9	7.7	108.09	-301.7	292.8	462.4	449.3	13.13	35.228		
2,000.0	1,953.6	1,891.8	1,837.4	7.7	8.4	108.02	-318.9	326.3	500.2	485.7	14.44	34.631		
2,011.7	1,964.3	1,902.7	1,847.3	7.8	8.5	108.02	-321.0	330.2	504.6	490.0	14.60	34.563		
2,100.0	2,044.9	1,984.1	1,921.6	8.5	9.2	108.56	-336.3	359.8	538.4	522.6	15.83	34.007		
2,200.0	2,136.1	2,076.3	2,005.7	9.3	10.0	109.09	-353.7	393.4	576.8	559.5	17.24	33.450		
2,300.0	2,227.3	2,168.6	2,089.8	10.1	10.8	109.55	-371.0	427.0	615.1	596.5	18.66	32.960		
2,400.0	2,318.5	2,260.8	2,174.0	11.0	11.6	109.97	-388.4	460.6	653.5	633.4	20.09	32.526		
2,500.0	2,409.8	2,353.1	2,258.1	11.8	12.4	110.33	-405.7	494.2	691.9	670.4	21.53	32.142		
2,600.0	2,501.0	2,445.3	2,342.3	12.6	13.3	110.66	-423.1	527.8	730.4	707.4	22.97	31.799		
2,700.0	2,592.2	2,537.5	2,426.4	13.5	14.1	110.95	-440.4	561.4	768.8	744.4	24.41	31.491 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	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		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
0.0	0.0	0.0	0.0	0.0	0.0	-112.29	-212.8	-518.9	560.9								
100.0	100.0	94.0	94.0	0.1	0.1	-112.30	-212.8	-518.9	560.8	560.6	0.22	2,569.591					
200.0	200.0	194.0	194.0	0.3	0.2	-112.31	-212.9	-518.9	560.8	560.3	0.56	1,009.696					
300.0	300.0	294.0	294.0	0.6	0.3	-112.32	-213.0	-518.8	560.8	559.9	0.89	628.282					
400.0	400.0	394.1	394.1	0.8	0.4	-112.34	-213.2	-518.7	560.8	559.6	1.23	456.015					
400.4	400.4	394.4	394.4	0.8	0.4	-172.20	-213.2	-518.7	560.8	559.6	1.23	455.216					
500.0	500.0	494.1	494.1	1.0	0.6	-172.24	-213.4	-518.6	562.1	560.5	1.57	359.150					
600.0	599.9	594.0	594.0	1.2	0.7	-172.32	-213.7	-518.5	566.0	564.1	1.90	297.491					
700.0	699.7	693.8	693.8	1.5	0.8	-172.43	-214.0	-518.3	572.4	570.2	2.25	254.473					
800.0	799.3	793.4	793.4	1.7	0.9	-172.58	-214.4	-518.1	581.5	578.9	2.61	223.044					
900.0	898.6	893.8	893.8	2.0	1.0	-172.75	-214.9	-517.9	593.1	590.2	2.98	198.842					
1,000.0	997.5	1,009.4	1,009.3	2.3	1.2	-172.89	-213.9	-516.4	605.8	602.4	3.45	175.787					
1,100.0	1,096.1	1,127.4	1,127.2	2.6	1.5	-172.71	-208.0	-513.2	618.3	614.4	3.90	158.383					
1,200.0	1,194.2	1,238.0	1,237.2	3.0	1.7	-172.19	-197.4	-509.1	630.6	626.2	4.37	144.170					
1,300.0	1,291.7	1,342.3	1,340.4	3.4	2.0	-171.38	-183.2	-505.7	644.4	639.5	4.87	132.402					
1,400.0	1,388.6	1,449.3	1,445.8	3.9	2.3	-170.26	-164.5	-502.7	659.9	654.4	5.42	121.789					
1,500.0	1,484.9	1,561.3	1,555.0	4.4	2.7	-168.82	-140.3	-499.0	676.1	670.0	6.06	111.641					
1,600.0	1,580.4	1,656.2	1,647.0	4.9	3.1	-167.46	-117.2	-496.0	694.5	687.8	6.69	103.758					
1,700.0	1,675.0	1,747.9	1,735.8	5.5	3.5	-166.16	-94.2	-493.9	716.4	709.0	7.36	97.354					
1,800.0	1,768.9	1,839.3	1,824.2	6.2	3.9	-164.93	-71.2	-492.4	741.5	733.5	8.05	92.169					
1,900.0	1,861.7	1,927.8	1,910.0	6.9	4.3	-163.87	-49.6	-491.5	770.2	761.4	8.73	88.210					
9,000.0	7,364.8	7,448.9	7,349.7	48.8	21.7	-88.28	701.9	-429.2	779.7	716.1	63.53	12.272					
9,100.0	7,364.9	7,449.9	7,350.7	50.4	21.7	-88.45	701.9	-429.2	690.1	624.7	65.35	10.560					
9,200.0	7,365.0	7,450.9	7,351.6	52.1	21.7	-88.62	701.9	-429.2	603.8	536.6	67.26	8.978					
9,300.0	7,365.1	7,451.8	7,352.6	54.0	21.7	-88.79	701.9	-429.2	522.4	453.2	69.24	7.545					
9,400.0	7,365.2	7,452.8	7,353.5	55.9	21.7	-88.96	701.9	-429.2	448.7	377.4	71.30	6.292					
9,500.0	7,365.3	7,453.7	7,354.5	57.9	21.7	-89.12	701.9	-429.2	386.8	313.4	73.43	5.268					
9,600.0	7,365.4	7,454.7	7,355.4	60.0	21.7	-89.29	701.8	-429.3	343.5	267.9	75.61	4.543					
9,700.0	7,365.5	7,455.6	7,356.4	62.2	21.7	-89.46	701.8	-429.3	326.1	248.3	77.84	4.189					
9,708.3	7,365.5	7,455.7	7,356.5	62.4	21.7	-89.47	701.8	-429.3	326.0	248.0	78.03	4.178	CC, ES, SF				
9,800.0	7,365.6	7,456.6	7,357.3	64.4	21.7	-89.62	701.8	-429.3	338.7	258.5	80.12	4.227					
9,900.0	7,365.7	7,457.5	7,358.3	66.7	21.7	-89.79	701.8	-429.3	378.2	295.8	82.44	4.587					
10,000.0	7,365.8	7,458.4	7,359.2	69.0	21.7	-89.95	701.8	-429.3	437.5	352.7	84.80	5.159					
10,100.0	7,365.9	7,459.3	7,360.1	71.3	21.7	-90.11	701.8	-429.3	509.6	422.4	87.19	5.845					
10,200.0	7,366.0	7,460.3	7,361.0	73.7	21.7	-90.27	701.8	-429.3	590.0	500.4	89.61	6.584					
10,300.0	7,366.1	7,461.2	7,362.0	76.2	21.7	-90.43	701.8	-429.3	675.6	583.5	92.06	7.338					
10,400.0	7,366.2	7,462.1	7,362.9	78.6	21.8	-90.59	701.8	-429.3	764.7	670.1	94.53	8.089					

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 886-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
0.0	0.0	0.0	0.0	0.0	0.0	-114.08	-222.2	-497.2	544.7					
100.0	100.0	94.2	94.2	0.1	0.1	-114.08	-222.3	-497.2	544.6	544.4	0.22	2,492.286		
200.0	200.0	194.4	194.4	0.3	0.2	-114.10	-222.3	-497.1	544.6	544.0	0.56	979.462		
300.0	300.0	294.5	294.5	0.6	0.3	-114.11	-222.5	-497.0	544.5	543.6	0.89	609.417		
400.0	400.0	394.7	394.7	0.8	0.4	-114.14	-222.6	-496.8	544.4	543.1	1.23	442.246		
405.2	405.2	399.9	399.9	0.8	0.5	-174.00	-222.6	-496.8	544.4	543.1	1.25	435.827 CC, ES		
500.0	500.0	494.9	494.9	1.0	0.6	-174.04	-222.9	-496.5	545.5	544.0	1.57	348.414		
600.0	599.9	595.0	595.0	1.2	0.7	-174.12	-223.1	-496.2	549.2	547.3	1.90	288.954		
700.0	699.7	695.0	695.0	1.5	0.8	-174.23	-223.5	-495.8	555.5	553.3	2.24	247.699		
800.0	799.3	794.8	794.8	1.7	0.9	-174.36	-223.8	-495.3	564.4	561.8	2.59	217.750		
900.0	898.6	894.3	894.3	2.0	1.0	-174.52	-224.3	-494.8	575.8	572.9	2.96	194.730		
1,000.0	997.5	993.2	993.1	2.3	1.2	-174.71	-224.8	-494.3	589.8	586.4	3.41	172.824		
1,100.0	1,096.1	1,095.0	1,094.9	2.6	1.5	-174.93	-225.6	-493.5	606.4	602.5	3.88	156.458		
1,200.0	1,194.2	1,212.5	1,212.4	3.0	1.7	-175.27	-226.2	-490.4	623.6	619.3	4.36	143.050		
1,300.0	1,291.7	1,342.5	1,342.1	3.4	2.0	-175.74	-225.4	-481.8	639.6	634.7	4.86	131.489		
1,400.0	1,388.6	1,466.5	1,465.4	3.9	2.3	-176.12	-221.6	-468.8	653.6	648.2	5.36	121.892		
1,500.0	1,484.9	1,594.6	1,592.0	4.4	2.7	-176.52	-215.3	-450.8	666.2	660.3	5.89	113.067		
1,600.0	1,580.4	1,719.8	1,715.0	4.9	3.1	-176.92	-206.9	-428.4	677.1	670.7	6.43	105.288		
1,700.0	1,675.0	1,827.6	1,820.2	5.5	3.5	-177.27	-198.6	-406.7	688.1	681.2	6.95	99.000		
1,800.0	1,768.9	1,925.6	1,915.8	6.2	3.8	-177.60	-190.9	-386.6	701.4	693.9	7.44	94.215		
1,900.0	1,861.7	2,027.3	2,015.0	6.9	4.2	-177.96	-183.0	-365.3	716.9	708.9	7.96	90.053		
2,000.0	1,953.6	2,120.7	2,106.1	7.7	4.6	-178.32	-176.4	-345.8	735.4	726.9	8.47	86.863		
2,011.7	1,964.3	2,132.4	2,117.4	7.8	4.7	-178.37	-175.6	-343.3	737.7	729.2	8.53	86.518		
2,100.0	2,044.9	2,220.2	2,203.1	8.5	5.0	-178.70	-169.3	-325.1	755.6	746.6	9.03	83.655		
2,200.0	2,136.1	2,319.4	2,299.9	9.3	5.4	-178.95	-161.0	-305.0	775.6	766.0	9.60	80.760		
2,300.0	2,227.3	2,416.0	2,394.1	10.1	5.8	-179.15	-152.5	-285.5	795.7	785.5	10.17	78.228 SF		

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



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks N-27-28HC
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 N-27-28HC	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

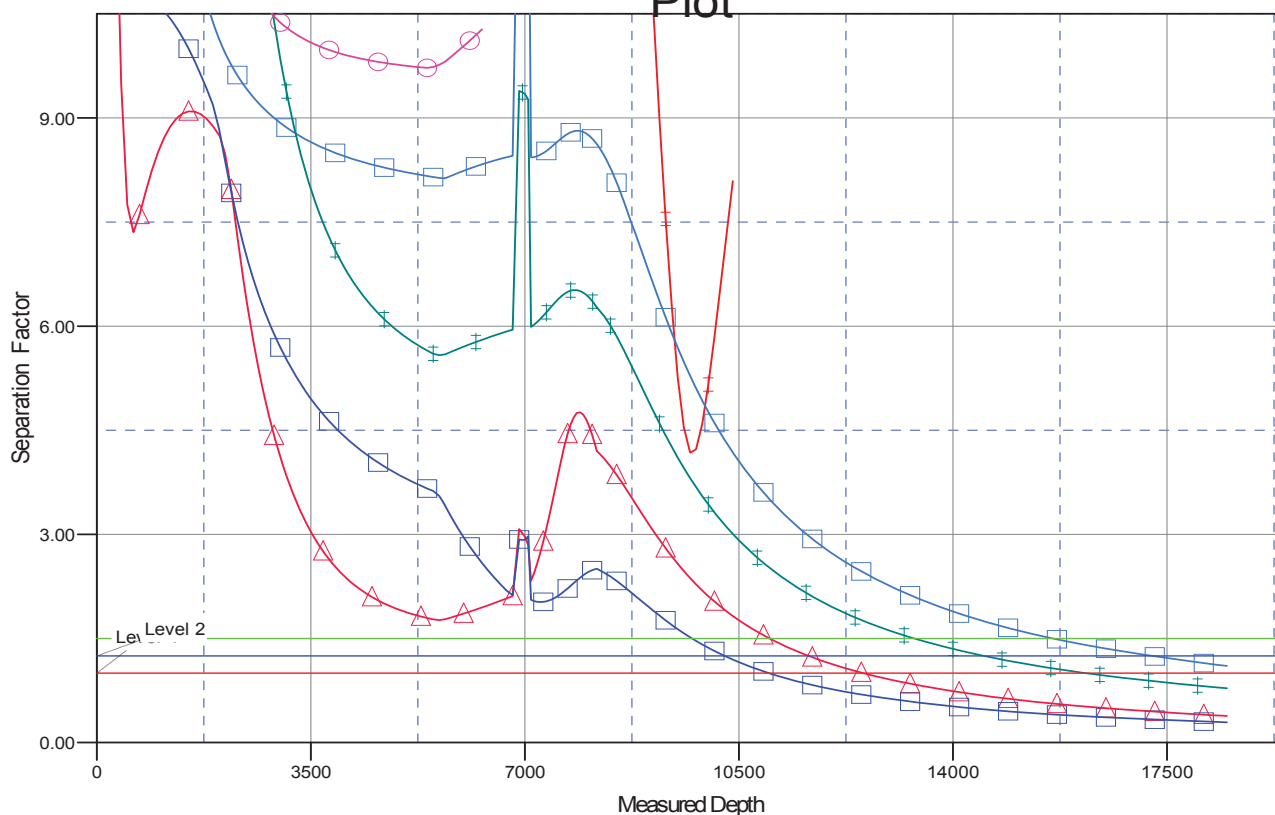
Central Meridian is -105.500000

Coordinates are relative to: G & D Hanks N-27-28HC

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°

Separation Factor Plot



LEGEND

S 20-27, Wellbore #1, Wellbore #1 V0	G & D Hanks U-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks T-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0
S 10-27, Wellbore #1, Wellbore #1 V0	G & D Hanks M-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks R-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
S 0-27-28HN, 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 S-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
S V-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks X-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	
S 0-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks W-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	