

Bayswater Exploration & Production, LLC

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

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

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

Ground Elevation: 4874.0

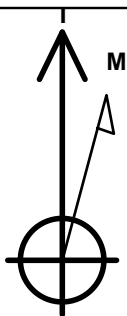
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441107.26	3205704.51	40.541883	-104.759854	

Original Well Elev WELL @ 4899.0ft (Original Well Elev)

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1153'FSL,1575'FEL, SEC.27	1.0	0.0	0.0	Point
LPL 510'FSL, 470'FEL, SEC.27	7289.0	-629.9	1108.7	Point
BHL 510'FSL, 5'FWL, SEC.28	7334.0	-743.7	-9268.3	Point

G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks V-27-28HN
Plan #1 (8-02-17)
8:21, August 04 2017

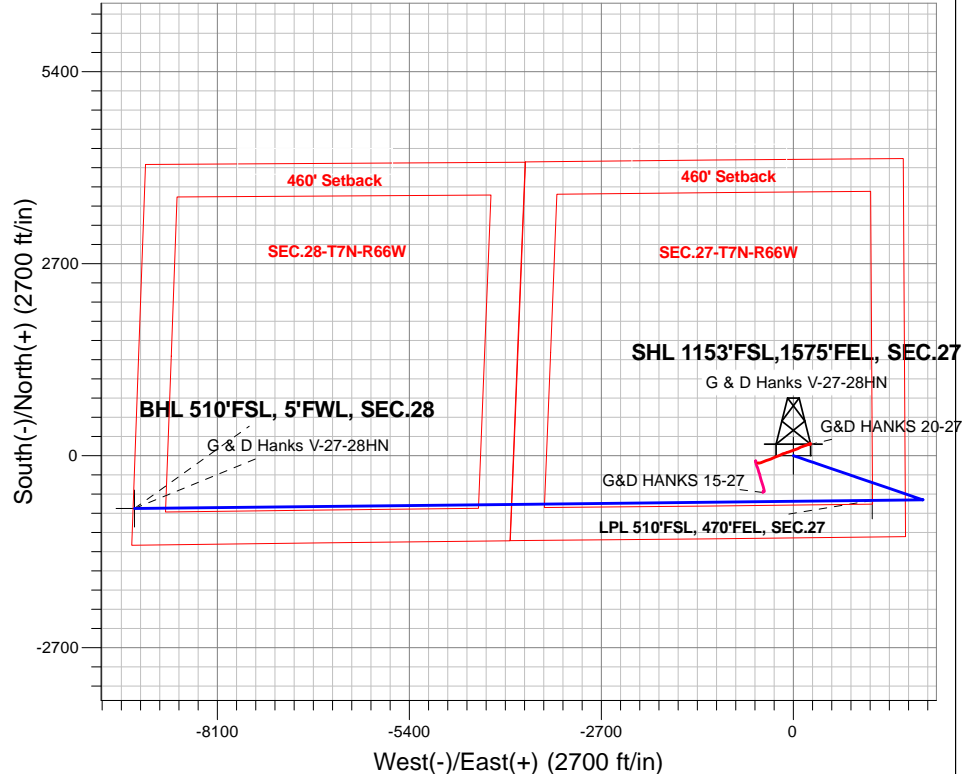


Azimuths to True North
Magnetic North: 8.04°

Magnetic Field
Strength: 52559.0nT
Dip Angle: 66.95°
Date: 8/4/2017
Model: IGRF2010

ANNOTATIONS

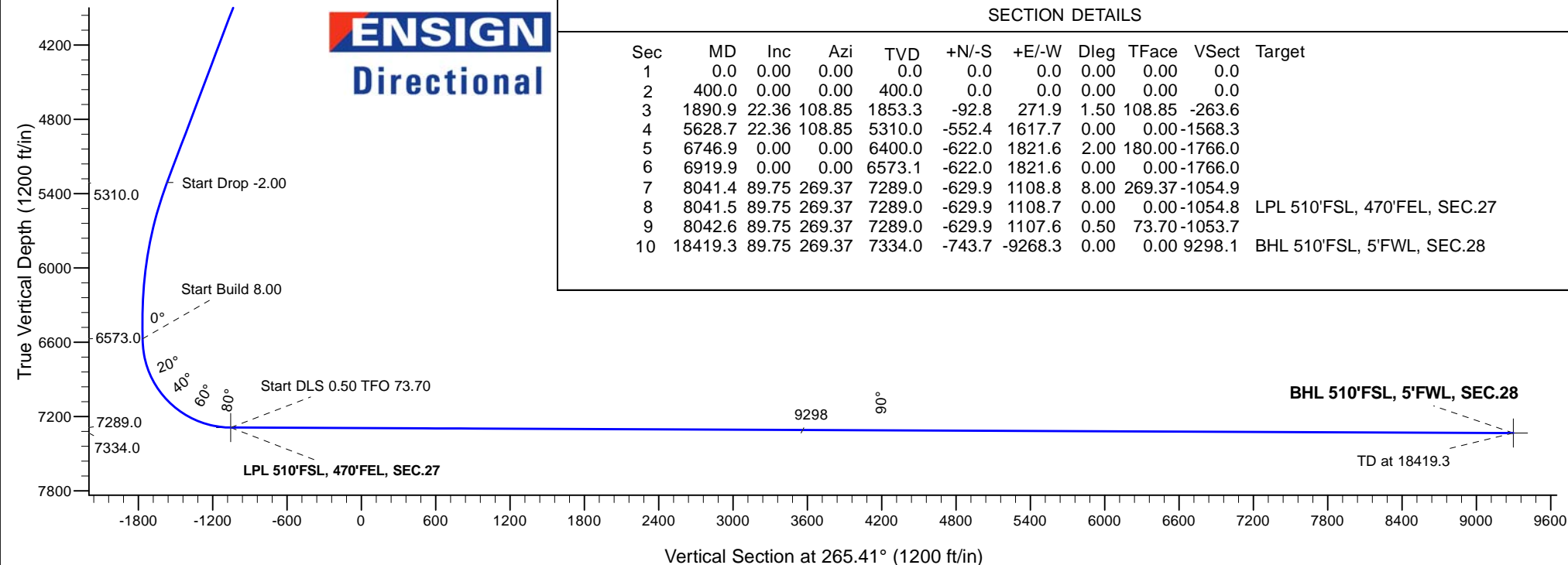
TVD	MD	Annotation
400.0	400.0	KOP - Start Build 1.50
5310.0	5628.7	Start Drop -2.00
6573.1	6919.9	Start Build 8.00
7289.0	8041.5	Start DLS 0.50 TFO 73.70
7289.0	8042.6	Start 10376.7 hold at 8042.6 MD
7334.0	18419.3	TD at 18419.3



ENSIGN
Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	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	1890.9	22.36	108.85	1853.3	-92.8	271.9	1.50	108.85	-263.6	
4	5628.7	22.36	108.85	5310.0	-552.4	1617.7	0.00	0.00	-1568.3	
5	6746.9	0.00	0.00	6400.0	-622.0	1821.6	2.00	180.00	-1766.0	
6	6919.9	0.00	0.00	6573.1	-622.0	1821.6	0.00	0.00	-1766.0	
7	8041.4	89.75	269.37	7289.0	-629.9	1108.8	8.00	269.37	-1054.9	
8	8041.5	89.75	269.37	7289.0	-629.9	1108.7	0.00	0.00	-1054.8	LPL 510'FSL, 470'FEL, SEC.27
9	8042.6	89.75	269.37	7289.0	-629.9	1107.6	0.50	73.70	-1053.7	
10	18419.3	89.75	269.37	7334.0	-743.7	-9268.3	0.00	0.00	9298.1	BHL 510'FSL, 5'FWL, SEC.28





Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks V-27-28HN

Wellbore #1

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

Standard Planning Report

04 August, 2017



BAYSWATER
EXPLORATION & PRODUCTION, LLC

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

Project	SEC.27-T7N-R66W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

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

Well	G & D Hanks V-27-28HN					
Well Position	+N/-S	-135.2 ft	Northing:	1,441,107.27 usft	Latitude:	40.541883
	+E/-W	-0.3 ft	Easting:	3,205,704.51 usft	Longitude:	-104.759854
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,874.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/4/2017	8.04	66.95	52,559

Design	Plan #1 (8-02-17)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	265.41

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	
1,890.9	22.36	108.85	1,853.3	-92.8	271.9	1.50	1.50	0.00	108.85	
5,628.7	22.36	108.85	5,310.0	-552.4	1,617.7	0.00	0.00	0.00	0.00	
6,746.9	0.00	0.00	6,400.0	-622.0	1,821.6	2.00	-2.00	0.00	180.00	
6,919.9	0.00	0.00	6,573.1	-622.0	1,821.6	0.00	0.00	0.00	0.00	
8,041.4	89.75	269.37	7,289.0	-629.9	1,108.8	8.00	8.00	0.00	269.37	
8,041.5	89.75	269.37	7,289.0	-629.9	1,108.7	0.00	0.00	0.00	0.00	LPL 510'FSL, 470'FEI
8,042.6	89.75	269.37	7,289.0	-629.9	1,107.6	0.50	0.14	0.48	73.70	
18,419.3	89.75	269.37	7,334.0	-743.7	-9,268.3	0.00	0.00	0.00	0.00	BHL 510'FSL, 5'FWL,

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

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
500.0	1.50	108.85	500.0	-0.4	1.2	-1.2	1.50	1.50	0.00
600.0	3.00	108.85	599.9	-1.7	5.0	-4.8	1.50	1.50	0.00
700.0	4.50	108.85	699.7	-3.8	11.1	-10.8	1.50	1.50	0.00
800.0	6.00	108.85	799.3	-6.8	19.8	-19.2	1.50	1.50	0.00
900.0	7.50	108.85	898.6	-10.6	30.9	-30.0	1.50	1.50	0.00
1,000.0	9.00	108.85	997.5	-15.2	44.5	-43.1	1.50	1.50	0.00
1,100.0	10.50	108.85	1,096.1	-20.7	60.5	-58.7	1.50	1.50	0.00
1,200.0	12.00	108.85	1,194.2	-27.0	79.0	-76.6	1.50	1.50	0.00
1,300.0	13.50	108.85	1,291.7	-34.1	99.9	-96.8	1.50	1.50	0.00
1,400.0	15.00	108.85	1,388.6	-42.1	123.2	-119.4	1.50	1.50	0.00
1,500.0	16.50	108.85	1,484.9	-50.8	148.9	-144.3	1.50	1.50	0.00
1,600.0	18.00	108.85	1,580.4	-60.4	176.9	-171.5	1.50	1.50	0.00
1,700.0	19.50	108.85	1,675.0	-70.8	207.3	-201.0	1.50	1.50	0.00
1,800.0	21.00	108.85	1,768.9	-82.0	240.1	-232.8	1.50	1.50	0.00
1,890.9	22.36	108.85	1,853.3	-92.8	271.9	-263.6	1.50	1.50	0.00
1,900.0	22.36	108.85	1,861.7	-94.0	275.1	-266.8	0.00	0.00	0.00
2,000.0	22.36	108.85	1,954.2	-106.2	311.2	-301.7	0.00	0.00	0.00
2,100.0	22.36	108.85	2,046.7	-118.5	347.2	-336.6	0.00	0.00	0.00
2,200.0	22.36	108.85	2,139.2	-130.8	383.2	-371.5	0.00	0.00	0.00
2,300.0	22.36	108.85	2,231.7	-143.1	419.2	-406.4	0.00	0.00	0.00
2,400.0	22.36	108.85	2,324.1	-155.4	455.2	-441.3	0.00	0.00	0.00
2,500.0	22.36	108.85	2,416.6	-167.7	491.2	-476.2	0.00	0.00	0.00
2,600.0	22.36	108.85	2,509.1	-180.0	527.2	-511.1	0.00	0.00	0.00
2,700.0	22.36	108.85	2,601.6	-192.3	563.2	-546.0	0.00	0.00	0.00
2,800.0	22.36	108.85	2,694.1	-204.6	599.2	-580.9	0.00	0.00	0.00
2,900.0	22.36	108.85	2,786.5	-216.9	635.2	-615.8	0.00	0.00	0.00
3,000.0	22.36	108.85	2,879.0	-229.2	671.2	-650.7	0.00	0.00	0.00
3,100.0	22.36	108.85	2,971.5	-241.5	707.2	-685.6	0.00	0.00	0.00
3,200.0	22.36	108.85	3,064.0	-253.8	743.2	-720.5	0.00	0.00	0.00
3,300.0	22.36	108.85	3,156.5	-266.1	779.2	-755.5	0.00	0.00	0.00
3,400.0	22.36	108.85	3,248.9	-278.4	815.2	-790.4	0.00	0.00	0.00
3,500.0	22.36	108.85	3,341.4	-290.7	851.2	-825.3	0.00	0.00	0.00
3,600.0	22.36	108.85	3,433.9	-303.0	887.3	-860.2	0.00	0.00	0.00
3,700.0	22.36	108.85	3,526.4	-315.3	923.3	-895.1	0.00	0.00	0.00
3,800.0	22.36	108.85	3,618.9	-327.5	959.3	-930.0	0.00	0.00	0.00
3,900.0	22.36	108.85	3,711.3	-339.8	995.3	-964.9	0.00	0.00	0.00
4,000.0	22.36	108.85	3,803.8	-352.1	1,031.3	-999.8	0.00	0.00	0.00
4,100.0	22.36	108.85	3,896.3	-364.4	1,067.3	-1,034.7	0.00	0.00	0.00
4,200.0	22.36	108.85	3,988.8	-376.7	1,103.3	-1,069.6	0.00	0.00	0.00
4,300.0	22.36	108.85	4,081.3	-389.0	1,139.3	-1,104.5	0.00	0.00	0.00
4,400.0	22.36	108.85	4,173.7	-401.3	1,175.3	-1,139.4	0.00	0.00	0.00
4,500.0	22.36	108.85	4,266.2	-413.6	1,211.3	-1,174.3	0.00	0.00	0.00
4,600.0	22.36	108.85	4,358.7	-425.9	1,247.3	-1,209.3	0.00	0.00	0.00
4,700.0	22.36	108.85	4,451.2	-438.2	1,283.3	-1,244.2	0.00	0.00	0.00
4,800.0	22.36	108.85	4,543.6	-450.5	1,319.3	-1,279.1	0.00	0.00	0.00
4,900.0	22.36	108.85	4,636.1	-462.8	1,355.3	-1,314.0	0.00	0.00	0.00
5,000.0	22.36	108.85	4,728.6	-475.1	1,391.3	-1,348.9	0.00	0.00	0.00
5,100.0	22.36	108.85	4,821.1	-487.4	1,427.3	-1,383.8	0.00	0.00	0.00

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

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.0	22.36	108.85	4,913.6	-499.7	1,463.3	-1,418.7	0.00	0.00	0.00
5,300.0	22.36	108.85	5,006.0	-512.0	1,499.4	-1,453.6	0.00	0.00	0.00
5,400.0	22.36	108.85	5,098.5	-524.3	1,535.4	-1,488.5	0.00	0.00	0.00
5,500.0	22.36	108.85	5,191.0	-536.6	1,571.4	-1,523.4	0.00	0.00	0.00
5,600.0	22.36	108.85	5,283.5	-548.8	1,607.4	-1,558.3	0.00	0.00	0.00
5,628.7	22.36	108.85	5,310.0	-552.4	1,617.7	-1,568.3	0.00	0.00	0.00
Start Drop -2.00									
5,700.0	20.94	108.85	5,376.3	-560.9	1,642.6	-1,592.5	2.00	-2.00	0.00
5,800.0	18.94	108.85	5,470.3	-571.9	1,674.9	-1,623.8	2.00	-2.00	0.00
5,900.0	16.94	108.85	5,565.4	-581.8	1,704.0	-1,652.0	2.00	-2.00	0.00
6,000.0	14.94	108.85	5,661.6	-590.7	1,730.0	-1,677.2	2.00	-2.00	0.00
6,100.0	12.94	108.85	5,758.6	-598.5	1,752.8	-1,699.3	2.00	-2.00	0.00
6,200.0	10.94	108.85	5,856.5	-605.2	1,772.4	-1,718.3	2.00	-2.00	0.00
6,300.0	8.94	108.85	5,955.0	-610.8	1,788.7	-1,734.1	2.00	-2.00	0.00
6,400.0	6.94	108.85	6,054.0	-615.2	1,801.8	-1,746.8	2.00	-2.00	0.00
6,500.0	4.94	108.85	6,153.5	-618.6	1,811.5	-1,756.3	2.00	-2.00	0.00
6,600.0	2.94	108.85	6,253.2	-620.8	1,818.0	-1,762.6	2.00	-2.00	0.00
6,700.0	0.94	108.85	6,353.1	-621.9	1,821.2	-1,765.7	2.00	-2.00	0.00
6,746.9	0.00	0.00	6,400.0	-622.0	1,821.6	-1,766.0	2.00	-2.00	0.00
6,800.0	0.00	0.00	6,453.1	-622.0	1,821.6	-1,766.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,553.1	-622.0	1,821.6	-1,766.0	0.00	0.00	0.00
6,919.9	0.00	0.00	6,573.0	-622.0	1,821.6	-1,766.0	0.00	0.00	0.00
Start Build 8.00									
7,000.0	6.41	269.37	6,653.0	-622.0	1,817.1	-1,761.6	8.00	8.00	0.00
7,100.0	14.41	269.37	6,751.3	-622.2	1,799.1	-1,743.5	8.00	8.00	0.00
7,200.0	22.42	269.37	6,846.1	-622.6	1,767.5	-1,712.1	8.00	8.00	0.00
7,300.0	30.42	269.37	6,935.5	-623.1	1,723.1	-1,667.7	8.00	8.00	0.00
7,400.0	38.42	269.37	7,018.0	-623.7	1,666.6	-1,611.4	8.00	8.00	0.00
7,500.0	46.42	269.37	7,091.7	-624.5	1,599.2	-1,544.1	8.00	8.00	0.00
7,600.0	54.43	269.37	7,155.4	-625.3	1,522.2	-1,467.3	8.00	8.00	0.00
7,700.0	62.43	269.37	7,207.7	-626.3	1,437.1	-1,382.4	8.00	8.00	0.00
7,800.0	70.43	269.37	7,247.7	-627.3	1,345.5	-1,291.0	8.00	8.00	0.00
7,900.0	78.43	269.37	7,274.5	-628.3	1,249.2	-1,195.0	8.00	8.00	0.00
8,000.0	86.44	269.37	7,287.6	-629.4	1,150.2	-1,096.2	8.00	8.00	0.00
8,041.4	89.75	269.37	7,289.0	-629.9	1,108.8	-1,054.9	8.00	8.00	0.00
8,041.5	89.75	269.37	7,289.0	-629.9	1,108.7	-1,054.8	0.00	0.00	0.00
Start DLS 0.50 TFO 73.70									
8,042.6	89.75	269.37	7,289.0	-629.9	1,107.6	-1,053.7	0.50	0.14	0.48
Start 10376.7 hold at 8042.6 MD									
8,100.0	89.75	269.37	7,289.3	-630.5	1,050.2	-996.4	0.00	0.00	0.00
8,200.0	89.75	269.37	7,289.7	-631.6	950.2	-896.7	0.00	0.00	0.00
8,300.0	89.75	269.37	7,290.1	-632.7	850.2	-796.9	0.00	0.00	0.00
8,400.0	89.75	269.37	7,290.6	-633.8	750.2	-697.1	0.00	0.00	0.00
8,500.0	89.75	269.37	7,291.0	-634.9	650.2	-597.4	0.00	0.00	0.00
8,600.0	89.75	269.37	7,291.4	-636.0	550.3	-497.6	0.00	0.00	0.00
8,700.0	89.75	269.37	7,291.9	-637.1	450.3	-397.9	0.00	0.00	0.00
8,800.0	89.75	269.37	7,292.3	-638.2	350.3	-298.1	0.00	0.00	0.00
8,900.0	89.75	269.37	7,292.7	-639.3	250.3	-198.3	0.00	0.00	0.00
9,000.0	89.75	269.37	7,293.2	-640.4	150.3	-98.6	0.00	0.00	0.00
9,100.0	89.75	269.37	7,293.6	-641.5	50.3	1.2	0.00	0.00	0.00
9,200.0	89.75	269.37	7,294.0	-642.6	-49.7	100.9	0.00	0.00	0.00
9,300.0	89.75	269.37	7,294.5	-643.7	-149.7	200.7	0.00	0.00	0.00
9,400.0	89.75	269.37	7,294.9	-644.8	-249.7	300.5	0.00	0.00	0.00

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

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,500.0	89.75	269.37	7,295.3	-645.9	-349.7	400.2	0.00	0.00	0.00
9,600.0	89.75	269.37	7,295.8	-647.0	-449.7	500.0	0.00	0.00	0.00
9,700.0	89.75	269.37	7,296.2	-648.1	-549.7	599.7	0.00	0.00	0.00
9,800.0	89.75	269.37	7,296.6	-649.2	-649.7	699.5	0.00	0.00	0.00
9,900.0	89.75	269.37	7,297.1	-650.3	-749.7	799.3	0.00	0.00	0.00
10,000.0	89.75	269.37	7,297.5	-651.4	-849.7	899.0	0.00	0.00	0.00
10,100.0	89.75	269.37	7,297.9	-652.4	-949.6	998.8	0.00	0.00	0.00
10,200.0	89.75	269.37	7,298.4	-653.5	-1,049.6	1,098.5	0.00	0.00	0.00
10,300.0	89.75	269.37	7,298.8	-654.6	-1,149.6	1,198.3	0.00	0.00	0.00
10,400.0	89.75	269.37	7,299.2	-655.7	-1,249.6	1,298.1	0.00	0.00	0.00
10,500.0	89.75	269.37	7,299.7	-656.8	-1,349.6	1,397.8	0.00	0.00	0.00
10,600.0	89.75	269.37	7,300.1	-657.9	-1,449.6	1,497.6	0.00	0.00	0.00
10,700.0	89.75	269.37	7,300.5	-659.0	-1,549.6	1,597.3	0.00	0.00	0.00
10,800.0	89.75	269.37	7,301.0	-660.1	-1,649.6	1,697.1	0.00	0.00	0.00
10,900.0	89.75	269.37	7,301.4	-661.2	-1,749.6	1,796.9	0.00	0.00	0.00
11,000.0	89.75	269.37	7,301.8	-662.3	-1,849.6	1,896.6	0.00	0.00	0.00
11,100.0	89.75	269.37	7,302.3	-663.4	-1,949.6	1,996.4	0.00	0.00	0.00
11,200.0	89.75	269.37	7,302.7	-664.5	-2,049.6	2,096.1	0.00	0.00	0.00
11,300.0	89.75	269.37	7,303.1	-665.6	-2,149.6	2,195.9	0.00	0.00	0.00
11,400.0	89.75	269.37	7,303.6	-666.7	-2,249.6	2,295.7	0.00	0.00	0.00
11,500.0	89.75	269.37	7,304.0	-667.8	-2,349.5	2,395.4	0.00	0.00	0.00
11,600.0	89.75	269.37	7,304.4	-668.9	-2,449.5	2,495.2	0.00	0.00	0.00
11,700.0	89.75	269.37	7,304.9	-670.0	-2,549.5	2,595.0	0.00	0.00	0.00
11,800.0	89.75	269.37	7,305.3	-671.1	-2,649.5	2,694.7	0.00	0.00	0.00
11,900.0	89.75	269.37	7,305.7	-672.2	-2,749.5	2,794.5	0.00	0.00	0.00
12,000.0	89.75	269.37	7,306.2	-673.3	-2,849.5	2,894.2	0.00	0.00	0.00
12,100.0	89.75	269.37	7,306.6	-674.4	-2,949.5	2,994.0	0.00	0.00	0.00
12,200.0	89.75	269.37	7,307.0	-675.5	-3,049.5	3,093.8	0.00	0.00	0.00
12,300.0	89.75	269.37	7,307.5	-676.6	-3,149.5	3,193.5	0.00	0.00	0.00
12,400.0	89.75	269.37	7,307.9	-677.7	-3,249.5	3,293.3	0.00	0.00	0.00
12,500.0	89.75	269.37	7,308.3	-678.8	-3,349.5	3,393.0	0.00	0.00	0.00
12,600.0	89.75	269.37	7,308.8	-679.9	-3,449.5	3,492.8	0.00	0.00	0.00
12,700.0	89.75	269.37	7,309.2	-681.0	-3,549.5	3,592.6	0.00	0.00	0.00
12,800.0	89.75	269.37	7,309.6	-682.0	-3,649.5	3,692.3	0.00	0.00	0.00
12,900.0	89.75	269.37	7,310.1	-683.1	-3,749.4	3,792.1	0.00	0.00	0.00
13,000.0	89.75	269.37	7,310.5	-684.2	-3,849.4	3,891.8	0.00	0.00	0.00
13,100.0	89.75	269.37	7,310.9	-685.3	-3,949.4	3,991.6	0.00	0.00	0.00
13,200.0	89.75	269.37	7,311.4	-686.4	-4,049.4	4,091.4	0.00	0.00	0.00
13,300.0	89.75	269.37	7,311.8	-687.5	-4,149.4	4,191.1	0.00	0.00	0.00
13,400.0	89.75	269.37	7,312.2	-688.6	-4,249.4	4,290.9	0.00	0.00	0.00
13,500.0	89.75	269.37	7,312.7	-689.7	-4,349.4	4,390.6	0.00	0.00	0.00
13,600.0	89.75	269.37	7,313.1	-690.8	-4,449.4	4,490.4	0.00	0.00	0.00
13,700.0	89.75	269.37	7,313.5	-691.9	-4,549.4	4,590.2	0.00	0.00	0.00
13,800.0	89.75	269.37	7,314.0	-693.0	-4,649.4	4,689.9	0.00	0.00	0.00
13,900.0	89.75	269.37	7,314.4	-694.1	-4,749.4	4,789.7	0.00	0.00	0.00
14,000.0	89.75	269.37	7,314.8	-695.2	-4,849.4	4,889.4	0.00	0.00	0.00
14,100.0	89.75	269.37	7,315.3	-696.3	-4,949.4	4,989.2	0.00	0.00	0.00
14,200.0	89.75	269.37	7,315.7	-697.4	-5,049.4	5,089.0	0.00	0.00	0.00
14,300.0	89.75	269.37	7,316.1	-698.5	-5,149.4	5,188.7	0.00	0.00	0.00
14,400.0	89.75	269.37	7,316.6	-699.6	-5,249.3	5,288.5	0.00	0.00	0.00
14,500.0	89.75	269.37	7,317.0	-700.7	-5,349.3	5,388.2	0.00	0.00	0.00
14,600.0	89.75	269.37	7,317.4	-701.8	-5,449.3	5,488.0	0.00	0.00	0.00
14,700.0	89.75	269.37	7,317.9	-702.9	-5,549.3	5,587.8	0.00	0.00	0.00
14,800.0	89.75	269.37	7,318.3	-704.0	-5,649.3	5,687.5	0.00	0.00	0.00

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

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,900.0	89.75	269.37	7,318.7	-705.1	-5,749.3	5,787.3	0.00	0.00	0.00
15,000.0	89.75	269.37	7,319.2	-706.2	-5,849.3	5,887.0	0.00	0.00	0.00
15,100.0	89.75	269.37	7,319.6	-707.3	-5,949.3	5,986.8	0.00	0.00	0.00
15,200.0	89.75	269.37	7,320.0	-708.4	-6,049.3	6,086.6	0.00	0.00	0.00
15,300.0	89.75	269.37	7,320.5	-709.5	-6,149.3	6,186.3	0.00	0.00	0.00
15,400.0	89.75	269.37	7,320.9	-710.6	-6,249.3	6,286.1	0.00	0.00	0.00
15,500.0	89.75	269.37	7,321.3	-711.6	-6,349.3	6,385.8	0.00	0.00	0.00
15,600.0	89.75	269.37	7,321.8	-712.7	-6,449.3	6,485.6	0.00	0.00	0.00
15,700.0	89.75	269.37	7,322.2	-713.8	-6,549.3	6,585.4	0.00	0.00	0.00
15,800.0	89.75	269.37	7,322.6	-714.9	-6,649.2	6,685.1	0.00	0.00	0.00
15,900.0	89.75	269.37	7,323.1	-716.0	-6,749.2	6,784.9	0.00	0.00	0.00
16,000.0	89.75	269.37	7,323.5	-717.1	-6,849.2	6,884.6	0.00	0.00	0.00
16,100.0	89.75	269.37	7,323.9	-718.2	-6,949.2	6,984.4	0.00	0.00	0.00
16,200.0	89.75	269.37	7,324.4	-719.3	-7,049.2	7,084.2	0.00	0.00	0.00
16,300.0	89.75	269.37	7,324.8	-720.4	-7,149.2	7,183.9	0.00	0.00	0.00
16,400.0	89.75	269.37	7,325.2	-721.5	-7,249.2	7,283.7	0.00	0.00	0.00
16,500.0	89.75	269.37	7,325.7	-722.6	-7,349.2	7,383.4	0.00	0.00	0.00
16,600.0	89.75	269.37	7,326.1	-723.7	-7,449.2	7,483.2	0.00	0.00	0.00
16,700.0	89.75	269.37	7,326.5	-724.8	-7,549.2	7,583.0	0.00	0.00	0.00
16,800.0	89.75	269.37	7,327.0	-725.9	-7,649.2	7,682.7	0.00	0.00	0.00
16,900.0	89.75	269.37	7,327.4	-727.0	-7,749.2	7,782.5	0.00	0.00	0.00
17,000.0	89.75	269.37	7,327.8	-728.1	-7,849.2	7,882.3	0.00	0.00	0.00
17,100.0	89.75	269.37	7,328.3	-729.2	-7,949.2	7,982.0	0.00	0.00	0.00
17,200.0	89.75	269.37	7,328.7	-730.3	-8,049.1	8,081.8	0.00	0.00	0.00
17,300.0	89.75	269.37	7,329.1	-731.4	-8,149.1	8,181.5	0.00	0.00	0.00
17,400.0	89.75	269.37	7,329.6	-732.5	-8,249.1	8,281.3	0.00	0.00	0.00
17,500.0	89.75	269.37	7,330.0	-733.6	-8,349.1	8,381.1	0.00	0.00	0.00
17,600.0	89.75	269.37	7,330.4	-734.7	-8,449.1	8,480.8	0.00	0.00	0.00
17,700.0	89.75	269.37	7,330.9	-735.8	-8,549.1	8,580.6	0.00	0.00	0.00
17,800.0	89.75	269.37	7,331.3	-736.9	-8,649.1	8,680.3	0.00	0.00	0.00
17,900.0	89.75	269.37	7,331.7	-738.0	-8,749.1	8,780.1	0.00	0.00	0.00
18,000.0	89.75	269.37	7,332.2	-739.1	-8,849.1	8,879.9	0.00	0.00	0.00
18,100.0	89.75	269.37	7,332.6	-740.2	-8,949.1	8,979.6	0.00	0.00	0.00
18,200.0	89.75	269.37	7,333.0	-741.2	-9,049.1	9,079.4	0.00	0.00	0.00
18,300.0	89.75	269.37	7,333.5	-742.3	-9,149.1	9,179.1	0.00	0.00	0.00
18,400.0	89.75	269.37	7,333.9	-743.4	-9,249.1	9,278.9	0.00	0.00	0.00
18,419.3	89.75	269.37	7,334.0	-743.7	-9,268.3	9,298.1	0.00	0.00	0.00
TD at 18419.3									

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

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 1153'FSL, 1575'FEL - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,107.27	3,205,704.51	40.541883	-104.759854
LPL 510'FSL, 470'FEL, 5 - plan hits target center - Point	0.00	0.00	7,289.0	-629.9	1,108.7	1,440,486.68	3,206,818.41	40.540154	-104.755865
BHL 510'FSL, 5'FWL, SI - plan hits target center - Point	0.00	0.00	7,334.0	-743.7	-9,268.3	1,440,286.31	3,196,442.99	40.539837	-104.793200

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
400.0	400.0	0.0	0.0	KOP - Start Build 1.50
5,628.7	5,310.0	-92.8	271.9	Start Drop -2.00
6,919.9	6,573.1	-552.4	1,617.7	Start Build 8.00
8,041.5	7,289.0	-622.0	1,821.6	Start DLS 0.50 TFO 73.70
8,042.6	7,289.0	-622.0	1,821.6	Start 10376.7 hold at 8042.6 MD
18,419.3	7,334.0	-629.9	1,108.7	TD at 18419.3



Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks V-27-28HN

Wellbore #1

Plan #1 (8-02-17)

Anticollision Report

04 August, 2017



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (8-02-17)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 800.0 ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	8/4/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	18,419.3	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	135.2	134.5	200.439	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	2,900.0	2,735.6	778.7	751.1	28.255	SF
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	120.2	118.6	76.411	CC, ES
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	3,200.0	3,063.9	775.6	744.2	24.725	SF
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	105.3	103.7	66.915	CC
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	500.0	500.0	105.7	103.7	52.673	ES
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	3,500.0	3,383.5	783.2	747.7	22.060	SF
G & D Hanks P-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	90.0	88.4	57.189	CC
G & D Hanks P-27-28HN - Wellbore #1 - Plan #1 (8-02-1	500.0	500.0	90.4	88.4	45.050	ES
G & D Hanks P-27-28HN - Wellbore #1 - Plan #1 (8-02-1	4,100.0	4,023.8	791.9	747.3	17.745	SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	75.0	73.5	47.698	CC
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	500.0	500.0	75.5	73.5	37.610	ES
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	4,600.0	4,523.4	795.1	741.4	14.792	SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	60.1	59.4	89.137	CC
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	300.0	299.7	60.3	59.2	54.107	ES
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	5,100.0	5,017.5	791.8	727.8	12.378	SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	45.2	43.6	28.713	CC
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,400.0	18,352.8	639.9	37.9	1.063	Level 2, ES, SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	400.0	400.0	30.2	28.7	19.219	CC
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,400.0	18,448.6	476.6	-124.1	0.793	Level 1, SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,419.3	18,448.6	477.0	-124.1	0.794	Level 1, ES
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	343.9	343.9	15.1	13.8	11.542	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,404.6	18,290.2	316.6	-274.0	0.536	Level 1, SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,419.3	18,290.2	317.0	-274.0	0.536	Level 1, ES
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	586.8	586.7	14.2	11.9	5.983	CC
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,419.3	18,530.8	189.3	-402.1	0.320	Level 1, ES, SF
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	29.9	29.2	44.312	CC
G & D Hanks X-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,419.3	18,387.4	356.0	-239.0	0.598	Level 1, ES, SF
G & D HANKS PAD Sec.27-T7N-R66W						
G&D HANKS 15-27 - Wellbore #1 - Wellbore #1	9,577.3	7,323.4	134.0	55.5	1.707	CC, ES, SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	408.7	403.7	506.9	505.7	402.402	CC, ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	9,000.0	7,377.8	800.0	728.7	11.227	SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design				G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-17)										Offset Site Error:		0.0 ft
Survey Program: 0-MWD														Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation				
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Centres (ft)	Ellipses (ft)	Separation (ft)	Factor				
0.0	0.0	0.0	0.0	0.0	0.0	0.12	135.2	0.3	135.2							
100.0	100.0	100.0	100.0	0.1	0.1	0.12	135.2	0.3	135.2	134.9	0.22	601.316				
200.0	200.0	200.0	200.0	0.3	0.3	0.12	135.2	0.3	135.2	134.5	0.67	200.439	CC, ES			
300.0	300.0	298.1	298.0	0.6	0.6	0.56	135.9	1.3	135.9	134.8	1.12	121.798				
400.0	400.0	396.0	395.9	0.8	0.8	1.85	137.9	4.5	138.1	136.5	1.56	88.483				
500.0	500.0	493.7	493.4	1.0	1.0	-105.38	141.4	9.7	142.2	140.2	2.00	71.039				
600.0	599.9	591.2	590.5	1.2	1.3	-104.02	146.2	16.9	148.7	146.3	2.45	60.651				
700.0	699.7	688.3	687.0	1.4	1.5	-102.94	152.4	26.2	157.5	154.5	2.93	53.669				
800.0	799.3	785.0	782.7	1.7	1.8	-102.14	159.9	37.5	168.4	165.0	3.45	48.759				
900.0	898.6	881.3	877.7	1.9	2.2	-101.59	168.7	50.7	181.6	177.5	4.02	45.162				
1,000.0	997.5	977.1	971.7	2.2	2.5	-101.25	178.8	65.9	196.8	192.2	4.64	42.428				
1,100.0	1,096.1	1,072.2	1,064.7	2.6	2.9	-101.08	190.0	82.9	214.2	208.9	5.32	40.281				
1,200.0	1,194.2	1,166.7	1,156.4	3.0	3.4	-101.03	202.5	101.6	233.7	227.6	6.06	38.550				
1,300.0	1,291.7	1,260.5	1,246.9	3.4	3.9	-101.07	216.1	122.1	255.2	248.3	6.87	37.122				
1,400.0	1,388.6	1,353.5	1,336.1	3.9	4.4	-101.17	230.8	144.2	278.7	271.0	7.76	35.915				
1,500.0	1,484.9	1,445.8	1,423.8	4.4	4.9	-101.30	246.6	168.0	304.3	295.5	8.72	34.893				
1,600.0	1,580.4	1,537.1	1,510.0	5.0	5.5	-101.45	263.4	193.2	331.8	322.0	9.76	34.009				
1,700.0	1,675.0	1,627.6	1,594.6	5.6	6.1	-101.59	281.1	219.9	361.2	350.4	10.87	33.240				
1,800.0	1,768.9	1,717.1	1,677.5	6.3	6.8	-101.73	299.8	247.9	392.6	380.5	12.06	32.565				
1,890.9	1,853.3	1,800.0	1,753.6	7.0	7.4	-101.85	318.0	275.3	422.7	409.5	13.22	31.986				
1,900.0	1,861.7	1,805.6	1,758.7	7.1	7.5	-101.89	319.2	277.2	425.8	412.5	13.32	31.965				
2,000.0	1,954.2	1,893.9	1,838.9	7.8	8.2	-102.35	339.7	308.0	460.6	445.9	14.66	31.410				
2,100.0	2,046.7	1,987.4	1,923.5	8.6	9.0	-102.68	361.8	341.2	495.9	479.8	16.06	30.874				
2,200.0	2,139.2	2,081.0	2,008.1	9.4	9.8	-102.97	383.9	374.5	531.2	513.8	17.47	30.401				
2,300.0	2,231.7	2,174.5	2,092.7	10.2	10.6	-103.22	406.0	407.7	566.6	547.7	18.90	29.983				
2,400.0	2,324.1	2,268.0	2,177.2	11.0	11.4	-103.45	428.1	441.0	601.9	581.6	20.33	29.612				
2,500.0	2,416.6	2,361.5	2,261.8	11.8	12.3	-103.64	450.2	474.2	637.2	615.5	21.76	29.281				
2,600.0	2,509.1	2,455.1	2,346.4	12.6	13.1	-103.82	472.3	507.5	672.6	649.4	23.21	28.984				
2,700.0	2,601.6	2,548.6	2,431.0	13.4	13.9	-103.98	494.4	540.7	707.9	683.3	24.65	28.716				
2,800.0	2,694.1	2,642.1	2,515.5	14.2	14.7	-104.12	516.5	574.0	743.3	717.2	26.10	28.474				
2,900.0	2,786.5	2,735.6	2,600.1	15.1	15.5	-104.25	538.6	607.2	778.7	751.1	27.56	28.255	SF			

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.13	120.2	0.3	120.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.13	120.2	0.3	120.2	120.0	0.22	534.877		
200.0	200.0	200.0	200.0	0.3	0.3	0.13	120.2	0.3	120.2	119.5	0.67	178.292		
300.0	300.0	300.0	300.0	0.6	0.6	0.13	120.2	0.3	120.2	119.1	1.12	106.975		
400.0	400.0	400.0	400.0	0.8	0.8	0.13	120.2	0.3	120.2	118.6	1.57	76.411 CC, ES		
500.0	500.0	498.4	498.4	1.0	1.0	-108.76	120.9	1.4	121.3	119.3	2.00	60.704		
600.0	599.9	596.8	596.7	1.2	1.2	-108.89	122.8	4.7	124.5	122.1	2.42	51.437		
700.0	699.7	695.0	694.7	1.4	1.4	-109.08	125.9	10.1	129.8	127.0	2.87	45.245		
800.0	799.3	793.0	792.3	1.7	1.7	-109.33	130.4	17.7	137.3	134.0	3.35	40.961		
900.0	898.6	890.8	889.4	1.9	2.0	-109.59	136.0	27.5	146.9	143.0	3.88	37.898		
1,000.0	997.5	988.2	985.9	2.2	2.2	-109.86	142.9	39.4	158.6	154.2	4.45	35.640		
1,100.0	1,096.1	1,085.3	1,081.6	2.6	2.6	-110.11	151.0	53.3	172.4	167.4	5.08	33.925		
1,200.0	1,194.2	1,181.8	1,176.4	3.0	2.9	-110.34	160.3	69.2	188.3	182.6	5.78	32.586		
1,300.0	1,291.7	1,277.9	1,270.2	3.4	3.3	-110.53	170.7	87.1	206.3	199.7	6.55	31.513		
1,400.0	1,388.6	1,373.4	1,362.9	3.9	3.7	-110.69	182.2	107.0	226.3	218.9	7.39	30.634		
1,500.0	1,484.9	1,468.3	1,454.5	4.4	4.2	-110.80	194.8	128.6	248.3	240.0	8.30	29.896		
1,600.0	1,580.4	1,562.6	1,544.7	5.0	4.7	-110.87	208.4	152.1	272.3	263.0	9.30	29.273		
1,700.0	1,675.0	1,656.1	1,633.6	5.6	5.3	-110.90	223.0	177.3	298.2	287.9	10.38	28.735		
1,800.0	1,768.9	1,748.9	1,721.0	6.3	5.9	-110.89	238.6	204.1	326.1	314.6	11.54	28.265		
1,890.9	1,853.3	1,832.5	1,799.1	7.0	6.4	-110.85	253.5	229.8	353.1	340.4	12.66	27.888		
1,900.0	1,861.7	1,840.8	1,806.9	7.1	6.5	-110.88	255.1	232.5	355.9	343.1	12.78	27.848		
2,000.0	1,954.2	1,932.2	1,891.4	7.8	7.2	-111.05	272.5	262.5	387.0	372.9	14.09	27.461		
2,100.0	2,046.7	2,023.4	1,975.0	8.6	7.9	-110.91	290.9	294.1	419.0	403.6	15.45	27.121		
2,200.0	2,139.2	2,118.0	2,061.3	9.4	8.6	-110.68	310.3	327.6	451.4	434.5	16.86	26.774		
2,300.0	2,231.7	2,212.6	2,147.6	10.2	9.4	-110.48	329.8	361.1	483.8	465.5	18.28	26.463		
2,400.0	2,324.1	2,307.2	2,233.9	11.0	10.2	-110.30	349.2	394.6	516.2	496.5	19.72	26.184		
2,500.0	2,416.6	2,401.8	2,320.2	11.8	11.0	-110.15	368.7	428.1	548.6	527.5	21.16	25.933		
2,600.0	2,509.1	2,496.4	2,406.5	12.6	11.8	-110.01	388.1	461.6	581.0	558.4	22.60	25.707		
2,700.0	2,601.6	2,591.0	2,492.8	13.4	12.6	-109.89	407.6	495.1	613.5	589.4	24.06	25.502		
2,800.0	2,694.1	2,685.6	2,579.1	14.2	13.3	-109.78	427.0	528.6	645.9	620.4	25.51	25.317		
2,900.0	2,786.5	2,780.2	2,665.4	15.1	14.1	-109.68	446.5	562.1	678.3	651.3	26.97	25.149		
3,000.0	2,879.0	2,874.8	2,751.7	15.9	14.9	-109.59	465.9	595.6	710.7	682.3	28.44	24.995		
3,100.0	2,971.5	2,969.3	2,838.0	16.7	15.7	-109.51	485.4	629.1	743.2	713.3	29.90	24.854		
3,200.0	3,064.0	3,063.9	2,924.2	17.5	16.5	-109.43	504.9	662.6	775.6	744.2	31.37	24.725 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.15	105.3	0.3	105.3					
100.0	100.0	100.0	100.0	0.1	0.1	0.15	105.3	0.3	105.3	105.1	0.22	468.403		
200.0	200.0	200.0	200.0	0.3	0.3	0.15	105.3	0.3	105.3	104.6	0.67	156.134		
300.0	300.0	300.0	300.0	0.6	0.6	0.15	105.3	0.3	105.3	104.2	1.12	93.681		
400.0	400.0	400.0	400.0	0.8	0.8	0.15	105.3	0.3	105.3	103.7	1.57	66.915 CC		
500.0	500.0	500.0	500.0	1.0	1.0	-109.37	105.3	0.3	105.7	103.7	2.01	52.673 ES		
600.0	599.9	599.9	599.9	1.2	1.2	-111.33	105.3	0.3	107.1	104.6	2.44	43.945		
700.0	699.7	698.7	698.7	1.4	1.5	-113.82	105.8	1.4	110.1	107.2	2.87	38.304		
800.0	799.3	797.4	797.3	1.7	1.7	-116.09	107.6	4.8	115.3	112.0	3.33	34.639		
900.0	898.6	896.1	895.8	1.9	1.9	-118.06	110.4	10.5	122.7	118.9	3.81	32.176		
1,000.0	997.5	994.7	994.0	2.2	2.1	-119.68	114.4	18.5	132.2	127.9	4.33	30.504		
1,100.0	1,096.1	1,093.0	1,091.7	2.6	2.4	-120.94	119.5	28.7	143.8	138.9	4.90	29.347		
1,200.0	1,194.2	1,191.2	1,188.8	3.0	2.7	-121.86	125.6	41.1	157.3	151.8	5.52	28.524		
1,300.0	1,291.7	1,289.0	1,285.3	3.4	3.0	-122.49	132.9	55.7	172.9	166.7	6.19	27.913		
1,400.0	1,388.6	1,386.6	1,381.0	3.9	3.3	-122.88	141.3	72.5	190.4	183.4	6.94	27.434		
1,500.0	1,484.9	1,483.7	1,475.8	4.4	3.7	-123.06	150.7	91.4	209.7	202.0	7.76	27.035		
1,600.0	1,580.4	1,580.3	1,569.6	5.0	4.1	-123.08	161.1	112.3	231.0	222.3	8.66	26.685		
1,700.0	1,675.0	1,676.5	1,662.3	5.6	4.6	-122.98	172.5	135.2	254.1	244.5	9.64	26.368		
1,800.0	1,768.9	1,772.2	1,753.9	6.3	5.1	-122.77	184.9	160.0	279.0	268.3	10.70	26.070		
1,890.9	1,853.3	1,858.6	1,835.9	7.0	5.6	-122.51	196.9	184.2	303.2	291.5	11.75	25.811		
1,900.0	1,861.7	1,867.2	1,844.1	7.1	5.7	-122.51	198.2	186.7	305.8	293.9	11.86	25.786		
2,000.0	1,954.2	1,961.9	1,933.2	7.8	6.3	-122.31	212.4	215.3	333.5	320.4	13.09	25.465		
2,100.0	2,046.7	2,056.2	2,021.2	8.6	6.9	-121.76	227.6	245.7	361.6	347.2	14.40	25.110		
2,200.0	2,139.2	2,150.1	2,107.9	9.4	7.6	-120.95	243.7	277.9	390.3	374.5	15.77	24.743		
2,300.0	2,231.7	2,243.3	2,193.1	10.2	8.3	-119.93	260.6	311.8	419.5	402.3	17.20	24.385		
2,400.0	2,324.1	2,337.6	2,278.5	11.0	9.1	-118.79	278.4	347.6	449.3	430.6	18.69	24.035		
2,500.0	2,416.6	2,432.7	2,364.6	11.8	9.9	-117.77	296.4	383.7	479.2	459.0	20.20	23.721		
2,600.0	2,509.1	2,527.8	2,450.7	12.6	10.7	-116.86	314.4	419.9	509.3	487.6	21.72	23.449		
2,700.0	2,601.6	2,622.9	2,536.7	13.4	11.5	-116.06	332.4	456.0	539.5	516.2	23.24	23.212		
2,800.0	2,694.1	2,717.9	2,622.8	14.2	12.3	-115.34	350.5	492.2	569.8	545.0	24.77	23.004		
2,900.0	2,786.5	2,813.0	2,708.9	15.1	13.2	-114.70	368.5	528.3	600.1	573.8	26.30	22.820		
3,000.0	2,879.0	2,908.1	2,794.9	15.9	14.0	-114.12	386.5	564.5	630.5	602.7	27.83	22.657		
3,100.0	2,971.5	3,003.2	2,881.0	16.7	14.8	-113.59	404.5	600.7	661.0	631.6	29.36	22.512		
3,200.0	3,064.0	3,098.3	2,967.1	17.5	15.7	-113.10	422.5	636.8	691.5	660.6	30.90	22.381		
3,300.0	3,156.5	3,193.3	3,053.1	18.3	16.5	-112.66	440.6	673.0	722.0	689.6	32.43	22.263		
3,400.0	3,248.9	3,288.4	3,139.2	19.1	17.3	-112.25	458.6	709.1	752.6	718.6	33.97	22.157		
3,500.0	3,341.4	3,383.5	3,225.3	20.0	18.2	-111.88	476.6	745.3	783.2	747.7	35.50	22.060 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	90.0	0.0	90.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	90.0	0.0	90.0	89.8	0.22	400.324		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	90.0	0.0	90.0	89.3	0.67	133.441		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	90.0	0.0	90.0	88.9	1.12	80.065		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	90.0	0.0	90.0	88.4	1.57	57.189 CC		
500.0	500.0	500.0	500.0	1.0	1.0	-109.63	90.0	0.0	90.4	88.4	2.01	45.050 ES		
600.0	599.9	599.9	599.9	1.2	1.2	-111.92	90.0	0.0	91.8	89.4	2.44	37.677		
700.0	699.7	699.7	699.7	1.4	1.5	-115.56	90.0	0.0	94.4	91.6	2.88	32.762		
800.0	799.3	799.3	799.3	1.7	1.7	-120.28	90.0	0.0	98.7	95.4	3.35	29.519		
900.0	898.6	898.5	898.5	1.9	1.9	-125.02	90.4	1.2	105.2	101.4	3.81	27.590		
1,000.0	997.5	997.8	997.7	2.2	2.1	-128.88	91.6	4.8	114.0	109.7	4.29	26.537		
1,100.0	1,096.1	1,097.2	1,096.9	2.6	2.3	-131.86	93.7	10.9	124.7	119.9	4.80	25.986		
1,200.0	1,194.2	1,196.6	1,195.9	3.0	2.6	-134.04	96.6	19.5	137.2	131.9	5.33	25.737		
1,300.0	1,291.7	1,296.0	1,294.6	3.4	2.8	-135.55	100.4	30.4	151.4	145.5	5.90	25.650		
1,400.0	1,388.6	1,395.4	1,393.0	3.9	3.1	-136.49	104.9	43.8	167.1	160.6	6.52	25.632		
1,500.0	1,484.9	1,494.7	1,490.8	4.4	3.4	-137.00	110.3	59.6	184.3	177.1	7.19	25.620		
1,600.0	1,580.4	1,593.8	1,588.1	5.0	3.7	-137.16	116.5	77.8	202.9	195.0	7.93	25.578		
1,700.0	1,675.0	1,692.8	1,684.7	5.6	4.1	-137.05	123.5	98.3	223.0	214.2	8.75	25.486		
1,800.0	1,768.9	1,791.6	1,780.5	6.3	4.5	-136.74	131.3	121.1	244.4	234.8	9.65	25.335		
1,890.9	1,853.3	1,881.2	1,866.8	7.0	5.0	-136.32	139.0	143.9	265.2	254.6	10.54	25.148		
1,900.0	1,861.7	1,890.2	1,875.4	7.1	5.0	-136.29	139.8	146.3	267.3	256.7	10.64	25.127		
2,000.0	1,954.2	1,988.7	1,969.6	7.8	5.5	-135.75	149.2	173.7	290.5	278.7	11.73	24.764		
2,100.0	2,046.7	2,087.2	2,063.0	8.6	6.1	-134.82	159.3	203.4	313.2	300.3	12.92	24.250		
2,200.0	2,139.2	2,185.7	2,155.5	9.4	6.7	-133.57	170.2	235.3	335.7	321.5	14.20	23.637		
2,300.0	2,231.7	2,283.8	2,246.8	10.2	7.4	-132.08	181.8	269.4	358.1	342.5	15.59	22.971		
2,400.0	2,324.1	2,381.7	2,336.8	11.0	8.1	-130.38	194.1	305.6	380.4	363.3	17.07	22.286		
2,500.0	2,416.6	2,478.9	2,425.4	11.8	8.9	-128.53	207.1	343.6	402.9	384.2	18.63	21.620		
2,600.0	2,509.1	2,575.4	2,512.9	12.6	9.7	-126.77	220.2	382.1	425.7	405.5	20.24	21.033		
2,700.0	2,601.6	2,672.0	2,600.5	13.4	10.5	-125.19	233.3	420.6	448.9	427.0	21.85	20.538		
2,800.0	2,694.1	2,768.6	2,688.1	14.2	11.3	-123.76	246.4	459.2	472.3	448.8	23.48	20.118		
2,900.0	2,786.5	2,865.1	2,775.6	15.1	12.2	-122.47	259.5	497.7	496.0	470.9	25.10	19.758		
3,000.0	2,879.0	2,961.7	2,863.2	15.9	13.0	-121.29	272.7	536.2	519.9	493.2	26.73	19.449		
3,100.0	2,971.5	3,058.2	2,950.8	16.7	13.8	-120.22	285.8	574.7	544.1	515.7	28.36	19.181		
3,200.0	3,064.0	3,154.8	3,038.3	17.5	14.7	-119.23	298.9	613.2	568.4	538.4	30.00	18.948		
3,300.0	3,156.5	3,251.4	3,125.9	18.3	15.5	-118.33	312.0	651.7	592.8	561.2	31.63	18.744		
3,400.0	3,248.9	3,347.9	3,213.5	19.1	16.3	-117.50	325.2	690.2	617.4	584.1	33.26	18.564		
3,500.0	3,341.4	3,444.5	3,301.1	20.0	17.2	-116.73	338.3	728.7	642.0	607.1	34.88	18.405		
3,600.0	3,433.9	3,541.0	3,388.6	20.8	18.0	-116.02	351.4	767.2	666.8	630.3	36.51	18.263		
3,700.0	3,526.4	3,637.6	3,476.2	21.6	18.9	-115.36	364.5	805.8	691.7	653.5	38.14	18.137		
3,800.0	3,618.9	3,734.1	3,563.8	22.4	19.8	-114.74	377.6	844.3	716.6	676.9	39.76	18.023		
3,900.0	3,711.3	3,830.7	3,651.3	23.2	20.6	-114.17	390.8	882.8	741.6	700.3	41.38	17.921		
4,000.0	3,803.8	3,927.3	3,738.9	24.1	21.5	-113.63	403.9	921.3	766.7	723.7	43.00	17.829		
4,100.0	3,896.3	4,023.8	3,826.5	24.9	22.3	-113.13	417.0	959.8	791.9	747.3	44.62	17.745 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	75.0	0.0	75.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	75.0	0.0	75.0	74.8	0.22	333.885		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	75.0	0.0	75.0	74.4	0.67	111.295		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	75.0	0.0	75.0	73.9	1.12	66.777		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	75.0	0.0	75.0	73.5	1.57	47.698 CC		
500.0	500.0	500.0	500.0	1.0	1.0	-109.79	75.0	0.0	75.5	73.5	2.01	37.610 ES		
600.0	599.9	599.5	599.5	1.2	1.2	-111.56	75.3	1.3	77.1	74.7	2.43	31.786		
700.0	699.7	699.1	699.0	1.4	1.4	-113.11	76.3	5.0	80.3	77.4	2.86	28.065		
800.0	799.3	798.7	798.4	1.7	1.7	-114.39	77.8	11.3	85.0	81.6	3.33	25.541		
900.0	898.6	898.2	897.5	1.9	1.9	-115.37	79.9	20.2	91.1	87.3	3.83	23.782		
1,000.0	997.5	997.6	996.2	2.2	2.2	-116.05	82.6	31.5	98.7	94.3	4.38	22.516		
1,100.0	1,096.1	1,096.9	1,094.5	2.6	2.5	-116.48	85.9	45.3	107.7	102.7	4.99	21.572		
1,200.0	1,194.2	1,196.1	1,192.3	3.0	2.8	-116.68	89.9	61.5	118.2	112.5	5.67	20.837		
1,300.0	1,291.7	1,295.1	1,289.4	3.4	3.2	-116.71	94.4	80.2	130.0	123.6	6.42	20.240		
1,400.0	1,388.6	1,393.9	1,385.8	3.9	3.6	-116.60	99.4	101.2	143.2	136.0	7.26	19.737		
1,500.0	1,484.9	1,492.5	1,481.4	4.4	4.0	-116.37	105.1	124.7	157.8	149.6	8.18	19.298		
1,600.0	1,580.4	1,590.9	1,576.1	5.0	4.5	-116.07	111.3	150.4	173.8	164.6	9.19	18.908		
1,700.0	1,675.0	1,689.0	1,669.9	5.6	5.1	-115.71	118.0	178.4	191.1	180.8	10.30	18.554		
1,800.0	1,768.9	1,786.7	1,762.5	6.3	5.6	-115.31	125.3	208.7	209.8	198.3	11.51	18.230		
1,890.9	1,853.3	1,875.3	1,845.8	7.0	6.2	-114.92	132.4	238.1	227.9	215.2	12.69	17.955		
1,900.0	1,861.7	1,884.2	1,854.1	7.1	6.3	-114.91	133.2	241.2	229.8	216.9	12.81	17.930		
2,000.0	1,954.2	1,981.5	1,944.6	7.8	7.0	-114.43	141.5	275.8	250.4	236.2	14.21	17.622		
2,100.0	2,046.7	2,079.2	2,035.1	8.6	7.7	-113.78	150.1	311.6	271.3	255.6	15.66	17.317		
2,200.0	2,139.2	2,177.0	2,125.7	9.4	8.4	-113.22	158.8	347.5	292.1	275.0	17.13	17.048		
2,300.0	2,231.7	2,274.8	2,216.2	10.2	9.2	-112.74	167.4	383.3	313.0	294.4	18.62	16.812		
2,400.0	2,324.1	2,372.5	2,306.8	11.0	9.9	-112.32	176.0	419.1	333.9	313.8	20.11	16.602		
2,500.0	2,416.6	2,470.3	2,397.4	11.8	10.7	-111.95	184.7	455.0	354.8	333.2	21.61	16.417		
2,600.0	2,509.1	2,568.1	2,487.9	12.6	11.5	-111.62	193.3	490.8	375.7	352.6	23.12	16.251		
2,700.0	2,601.6	2,665.8	2,578.5	13.4	12.2	-111.32	201.9	526.6	396.6	372.0	24.63	16.103		
2,800.0	2,694.1	2,763.6	2,669.0	14.2	13.0	-111.06	210.6	562.5	417.5	391.4	26.15	15.969		
2,900.0	2,786.5	2,861.4	2,759.6	15.1	13.8	-110.81	219.2	598.3	438.5	410.8	27.67	15.849		
3,000.0	2,879.0	2,959.1	2,850.1	15.9	14.5	-110.60	227.8	634.1	459.4	430.3	29.19	15.740		
3,100.0	2,971.5	3,056.9	2,940.7	16.7	15.3	-110.40	236.5	670.0	480.4	449.7	30.72	15.640		
3,200.0	3,064.0	3,154.7	3,031.2	17.5	16.1	-110.21	245.1	705.8	501.4	469.1	32.24	15.549		
3,300.0	3,156.5	3,252.4	3,121.8	18.3	16.9	-110.04	253.7	741.6	522.3	488.6	33.77	15.466		
3,400.0	3,248.9	3,350.2	3,212.3	19.1	17.6	-109.89	262.4	777.5	543.3	508.0	35.30	15.389		
3,500.0	3,341.4	3,447.9	3,302.9	20.0	18.4	-109.75	271.0	813.3	564.3	527.4	36.84	15.318		
3,600.0	3,433.9	3,545.7	3,393.4	20.8	19.2	-109.61	279.6	849.1	585.2	546.9	38.37	15.252		
3,700.0	3,526.4	3,643.5	3,484.0	21.6	20.0	-109.49	288.3	885.0	606.2	566.3	39.91	15.191		
3,800.0	3,618.9	3,741.2	3,574.5	22.4	20.7	-109.37	296.9	920.8	627.2	585.8	41.44	15.135		
3,900.0	3,711.3	3,839.0	3,665.1	23.2	21.5	-109.26	305.5	956.6	648.2	605.2	42.98	15.082		
4,000.0	3,803.8	3,936.8	3,755.6	24.1	22.3	-109.16	314.2	992.5	669.2	624.7	44.52	15.032		
4,100.0	3,896.3	4,034.5	3,846.2	24.9	23.1	-109.07	322.8	1,028.3	690.2	644.1	46.05	14.986		
4,200.0	3,988.8	4,132.3	3,936.7	25.7	23.8	-108.98	331.4	1,064.1	711.2	663.6	47.59	14.942		
4,300.0	4,081.3	4,230.1	4,027.3	26.5	24.6	-108.89	340.1	1,100.0	732.2	683.0	49.13	14.901		
4,400.0	4,173.7	4,327.8	4,117.8	27.3	25.4	-108.81	348.7	1,135.8	753.1	702.5	50.67	14.863		
4,500.0	4,266.2	4,425.6	4,208.4	28.2	26.2	-108.74	357.3	1,171.6	774.1	721.9	52.21	14.826		
4,600.0	4,358.7	4,523.4	4,299.0	29.0	27.0	-108.66	366.0	1,207.5	795.1	741.4	53.75	14.792 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	60.1	0.0	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	60.1	0.0	60.1	59.9	0.22	267.411		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	60.1	0.0	60.1	59.4	0.67	89.137 CC		
300.0	300.0	299.7	299.7	0.6	0.6	1.22	60.3	1.3	60.3	59.2	1.11	54.107 ES		
400.0	400.0	399.3	399.2	0.8	0.8	4.82	60.9	5.1	61.1	59.6	1.56	39.214		
500.0	500.0	498.7	498.4	1.0	1.0	-99.44	61.9	11.5	63.2	61.2	2.00	31.559		
600.0	599.9	598.0	597.2	1.2	1.3	-95.32	63.3	20.5	66.9	64.5	2.46	27.177		
700.0	699.7	697.0	695.6	1.4	1.5	-91.85	65.2	31.9	72.1	69.2	2.96	24.372		
800.0	799.3	795.8	793.4	1.7	1.9	-89.08	67.4	45.8	78.8	75.3	3.50	22.496		
900.0	898.6	894.4	890.6	1.9	2.2	-86.98	70.0	62.2	86.7	82.6	4.10	21.178		
1,000.0	997.5	992.7	987.0	2.2	2.6	-85.45	72.9	81.0	96.0	91.2	4.75	20.202		
1,100.0	1,096.1	1,090.8	1,082.7	2.6	3.0	-84.39	76.3	102.1	106.4	100.9	5.47	19.439		
1,200.0	1,194.2	1,188.5	1,177.5	3.0	3.5	-83.71	80.0	125.6	117.9	111.6	6.27	18.813		
1,300.0	1,291.7	1,286.0	1,271.4	3.4	4.0	-83.32	84.1	151.4	130.6	123.4	7.14	18.277		
1,400.0	1,388.6	1,383.1	1,364.3	3.9	4.6	-83.15	88.6	179.5	144.3	136.2	8.11	17.803		
1,500.0	1,484.9	1,479.9	1,456.0	4.4	5.2	-83.13	93.4	209.8	159.2	150.0	9.16	17.375		
1,600.0	1,580.4	1,576.3	1,546.7	5.0	5.9	-83.23	98.5	242.2	175.1	164.8	10.31	16.984		
1,700.0	1,675.0	1,673.0	1,636.8	5.6	6.6	-83.43	104.0	277.0	192.0	180.5	11.56	16.617		
1,800.0	1,768.9	1,771.5	1,728.3	6.3	7.3	-84.14	109.7	312.9	209.0	196.1	12.91	16.189		
1,890.9	1,853.3	1,860.9	1,811.4	7.0	8.0	-85.24	114.9	345.6	224.4	210.1	14.23	15.769		
1,900.0	1,861.7	1,869.9	1,819.8	7.1	8.0	-85.39	115.4	348.8	225.9	211.5	14.36	15.726		
2,000.0	1,954.2	1,968.3	1,911.2	7.8	8.8	-86.93	121.1	384.7	242.8	226.9	15.87	15.297		
2,100.0	2,046.7	2,066.6	2,002.6	8.6	9.6	-88.26	126.8	420.6	259.9	242.5	17.40	14.939		
2,200.0	2,139.2	2,165.0	2,094.0	9.4	10.3	-89.43	132.5	456.5	277.1	258.1	18.93	14.639		
2,300.0	2,231.7	2,263.4	2,185.4	10.2	11.1	-90.46	138.2	492.4	294.4	273.9	20.47	14.383		
2,400.0	2,324.1	2,361.7	2,276.8	11.0	11.8	-91.38	143.9	528.3	311.7	289.7	22.01	14.164		
2,500.0	2,416.6	2,460.1	2,368.2	11.8	12.6	-92.20	149.6	564.2	329.2	305.6	23.56	13.974		
2,600.0	2,509.1	2,558.4	2,459.6	12.6	13.4	-92.94	155.3	600.1	346.7	321.6	25.10	13.809		
2,700.0	2,601.6	2,656.8	2,551.0	13.4	14.1	-93.61	161.0	636.0	364.2	337.6	26.66	13.664		
2,800.0	2,694.1	2,755.2	2,642.4	14.2	14.9	-94.21	166.6	671.9	381.8	353.6	28.21	13.536		
2,900.0	2,786.5	2,853.5	2,733.8	15.1	15.7	-94.77	172.3	707.8	399.5	369.7	29.76	13.422		
3,000.0	2,879.0	2,951.9	2,825.2	15.9	16.4	-95.27	178.0	743.7	417.1	385.8	31.31	13.320		
3,100.0	2,971.5	3,050.3	2,916.6	16.7	17.2	-95.74	183.7	779.6	434.8	401.9	32.87	13.229		
3,200.0	3,064.0	3,148.6	3,008.0	17.5	18.0	-96.17	189.4	815.5	452.5	418.1	34.42	13.146		
3,300.0	3,156.5	3,247.0	3,099.4	18.3	18.8	-96.56	195.1	851.4	470.3	434.3	35.98	13.071		
3,400.0	3,248.9	3,345.4	3,190.8	19.1	19.5	-96.93	200.8	887.3	488.0	450.5	37.53	13.003		
3,500.0	3,341.4	3,443.7	3,282.2	20.0	20.3	-97.27	206.5	923.2	505.8	466.7	39.09	12.940		
3,600.0	3,433.9	3,542.1	3,373.6	20.8	21.1	-97.59	212.2	959.1	523.6	483.0	40.64	12.883		
3,700.0	3,526.4	3,640.4	3,465.0	21.6	21.8	-97.89	217.9	995.0	541.4	499.2	42.20	12.830		
3,800.0	3,618.9	3,738.8	3,556.4	22.4	22.6	-98.17	223.6	1,030.9	559.3	515.5	43.76	12.781		
3,900.0	3,711.3	3,837.2	3,647.8	23.2	23.4	-98.43	229.3	1,066.8	577.1	531.8	45.31	12.736		
4,000.0	3,803.8	3,935.5	3,739.2	24.1	24.2	-98.68	235.0	1,102.7	594.9	548.1	46.87	12.695		
4,100.0	3,896.3	4,033.9	3,830.6	24.9	24.9	-98.91	240.6	1,138.6	612.8	564.4	48.42	12.656		
4,200.0	3,988.8	4,132.3	3,922.0	25.7	25.7	-99.13	246.3	1,174.5	630.7	580.7	49.98	12.619		
4,300.0	4,081.3	4,230.6	4,013.4	26.5	26.5	-99.33	252.0	1,210.4	648.5	597.0	51.53	12.585		
4,400.0	4,173.7	4,329.0	4,104.8	27.3	27.3	-99.53	257.7	1,246.3	666.4	613.3	53.09	12.554		
4,500.0	4,266.2	4,427.3	4,196.2	28.2	28.0	-99.71	263.4	1,282.2	684.3	629.7	54.64	12.524		
4,600.0	4,358.7	4,525.7	4,287.6	29.0	28.8	-99.89	269.1	1,318.1	702.2	646.0	56.20	12.496		
4,700.0	4,451.2	4,624.1	4,379.0	29.8	29.6	-100.06	274.8	1,354.1	720.1	662.4	57.75	12.469		
4,800.0	4,543.6	4,722.4	4,470.4	30.6	30.4	-100.21	280.5	1,390.0	738.0	678.7	59.31	12.445		
4,900.0	4,636.1	4,820.8	4,561.8	31.5	31.1	-100.37	286.2	1,425.9	755.9	695.1	60.86	12.421		
5,000.0	4,728.6	4,919.2	4,653.2	32.3	31.9	-100.51	291.9	1,461.8	773.9	711.5	62.41	12.399		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-17)													Offset Well Error:	0.0 ft
Survey Program: 0-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
5,100.0	4,821.1	5,017.5	4,744.6	33.1	32.7	-100.65	297.6	1,497.7	791.8	727.8	63.97	12.378 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	45.2	0.0	45.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	45.2	0.0	45.2	45.0	0.22	200.990		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	45.2	0.0	45.2	44.5	0.67	66.997		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	45.2	0.0	45.2	44.1	1.12	40.198		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	45.2	0.0	45.2	43.6	1.57	28.713 CC		
500.0	500.0	500.0	500.0	1.0	1.0	-108.76	45.2	1.3	45.6	43.6	1.99	22.852		
600.0	599.9	600.0	599.9	1.2	1.2	-108.49	45.1	5.2	46.8	44.4	2.41	19.417		
700.0	699.7	700.0	699.7	1.4	1.4	-108.06	45.0	11.8	48.8	46.0	2.86	17.080		
800.0	799.3	800.0	799.2	1.7	1.7	-107.52	44.9	20.9	51.6	48.3	3.35	15.433		
900.0	898.6	899.9	898.5	1.9	2.0	-106.90	44.7	32.7	55.3	51.4	3.89	14.227		
1,000.0	997.5	999.7	997.3	2.2	2.3	-106.25	44.5	47.0	59.7	55.2	4.49	13.313		
1,100.0	1,096.1	1,099.6	1,095.6	2.6	2.6	-105.58	44.2	63.9	65.0	59.8	5.16	12.595		
1,200.0	1,194.2	1,199.3	1,193.5	3.0	3.0	-104.93	43.9	83.3	71.0	65.1	5.91	12.015		
1,300.0	1,291.7	1,299.0	1,290.7	3.4	3.4	-104.31	43.6	105.3	77.9	71.2	6.75	11.535		
1,400.0	1,388.6	1,398.5	1,387.2	3.9	3.9	-103.72	43.2	129.8	85.6	77.9	7.69	11.129		
1,500.0	1,484.9	1,498.0	1,482.9	4.4	4.4	-103.18	42.8	156.7	94.0	85.3	8.72	10.780		
1,600.0	1,580.4	1,597.4	1,577.9	5.0	5.0	-102.67	42.4	186.1	103.3	93.4	9.86	10.476		
1,700.0	1,675.0	1,696.7	1,671.9	5.6	5.6	-102.20	41.9	218.0	113.3	102.2	11.10	10.208		
1,800.0	1,768.9	1,795.8	1,765.0	6.3	6.3	-101.77	41.4	252.2	124.0	111.6	12.44	9.970		
1,890.9	1,853.3	1,886.1	1,849.3	7.0	6.9	-101.91	40.9	284.3	134.4	120.7	13.74	9.784		
1,900.0	1,861.7	1,895.2	1,857.8	7.1	7.0	-101.98	40.9	287.6	135.5	121.6	13.87	9.768		
2,000.0	1,954.2	1,994.5	1,950.6	7.8	7.7	-102.71	40.4	322.9	147.1	131.8	15.33	9.599		
2,100.0	2,046.7	2,093.8	2,043.4	8.6	8.4	-103.32	39.8	358.3	158.8	142.0	16.80	9.452		
2,200.0	2,139.2	2,193.1	2,136.2	9.4	9.1	-103.85	39.3	393.6	170.5	152.2	18.28	9.324		
2,300.0	2,231.7	2,292.4	2,229.0	10.2	9.9	-104.31	38.8	429.0	182.2	162.4	19.78	9.213		
2,400.0	2,324.1	2,391.7	2,321.7	11.0	10.6	-104.72	38.3	464.4	193.9	172.6	21.27	9.115		
2,500.0	2,416.6	2,491.0	2,414.5	11.8	11.4	-105.08	37.7	499.7	205.6	182.9	22.77	9.029		
2,600.0	2,509.1	2,590.3	2,507.3	12.6	12.1	-105.40	37.2	535.1	217.4	193.1	24.28	8.952		
2,700.0	2,601.6	2,689.6	2,600.1	13.4	12.8	-105.69	36.7	570.4	229.1	203.3	25.79	8.883		
2,800.0	2,694.1	2,788.9	2,692.9	14.2	13.6	-105.95	36.1	605.8	240.8	213.5	27.30	8.822		
2,900.0	2,786.5	2,888.2	2,785.7	15.1	14.3	-106.19	35.6	641.2	252.6	223.8	28.81	8.766		
3,000.0	2,879.0	2,987.5	2,878.5	15.9	15.1	-106.40	35.1	676.5	264.3	234.0	30.33	8.715		
3,100.0	2,971.5	3,086.8	2,971.3	16.7	15.8	-106.60	34.6	711.9	276.1	244.2	31.85	8.669		
3,200.0	3,064.0	3,186.1	3,064.1	17.5	16.6	-106.78	34.0	747.2	287.8	254.5	33.36	8.627		
3,300.0	3,156.5	3,285.4	3,156.9	18.3	17.3	-106.95	33.5	782.6	299.6	264.7	34.88	8.589		
3,400.0	3,248.9	3,384.7	3,249.7	19.1	18.1	-107.10	33.0	818.0	311.4	275.0	36.40	8.553		
3,500.0	3,341.4	3,484.0	3,342.5	20.0	18.9	-107.25	32.5	853.3	323.1	285.2	37.92	8.520		
3,600.0	3,433.9	3,583.3	3,435.3	20.8	19.6	-107.38	31.9	888.7	334.9	295.4	39.45	8.490		
3,700.0	3,526.4	3,682.6	3,528.0	21.6	20.4	-107.50	31.4	924.0	346.7	305.7	40.97	8.462		
3,800.0	3,618.9	3,781.9	3,620.8	22.4	21.1	-107.62	30.9	959.4	358.4	315.9	42.49	8.435		
3,900.0	3,711.3	3,881.2	3,713.6	23.2	21.9	-107.73	30.3	994.8	370.2	326.2	44.01	8.411		
4,000.0	3,803.8	3,980.5	3,806.4	24.1	22.6	-107.83	29.8	1,030.1	382.0	336.4	45.54	8.388		
4,100.0	3,896.3	4,079.8	3,899.2	24.9	23.4	-107.92	29.3	1,065.5	393.7	346.7	47.06	8.366		
4,200.0	3,988.8	4,179.1	3,992.0	25.7	24.1	-108.01	28.8	1,100.9	405.5	356.9	48.59	8.346		
4,300.0	4,081.3	4,278.4	4,084.8	26.5	24.9	-108.10	28.2	1,136.2	417.3	367.2	50.11	8.327		
4,400.0	4,173.7	4,377.7	4,177.6	27.3	25.7	-108.18	27.7	1,171.6	429.1	377.4	51.64	8.309		
4,500.0	4,266.2	4,477.0	4,270.4	28.2	26.4	-108.26	27.2	1,206.9	440.8	387.7	53.16	8.292		
4,600.0	4,358.7	4,576.3	4,363.2	29.0	27.2	-108.33	26.7	1,242.3	452.6	397.9	54.69	8.276		
4,700.0	4,451.2	4,675.6	4,456.0	29.8	27.9	-108.40	26.1	1,277.7	464.4	408.2	56.21	8.261		
4,800.0	4,543.6	4,774.9	4,548.8	30.6	28.7	-108.46	25.6	1,313.0	476.2	418.4	57.74	8.247		
4,900.0	4,636.1	4,874.2	4,641.5	31.5	29.4	-108.52	25.1	1,348.4	487.9	428.7	59.26	8.233		
5,000.0	4,728.6	4,973.5	4,734.3	32.3	30.2	-108.58	24.5	1,383.7	499.7	438.9	60.79	8.220		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,821.1	5,072.8	4,827.1	33.1	30.9	-108.64	24.0	1,419.1	511.5	449.2	62.32	8.208		
5,200.0	4,913.6	5,172.1	4,919.9	33.9	31.7	-108.69	23.5	1,454.5	523.3	459.4	63.84	8.196		
5,300.0	5,006.0	5,271.4	5,012.7	34.7	32.5	-108.74	23.0	1,489.8	535.1	469.7	65.37	8.185		
5,400.0	5,098.5	5,370.8	5,105.5	35.6	33.2	-108.79	22.4	1,525.2	546.8	479.9	66.90	8.174		
5,500.0	5,191.0	5,470.1	5,198.3	36.4	34.0	-108.84	21.9	1,560.5	558.6	490.2	68.42	8.164		
5,600.0	5,283.5	5,569.4	5,291.1	37.2	34.7	-108.89	21.4	1,595.9	570.4	500.4	69.95	8.154		
5,628.7	5,310.0	5,597.9	5,317.7	37.5	35.0	-108.90	21.2	1,606.1	573.8	503.4	70.39	8.152		
5,700.0	5,376.3	5,668.7	5,383.9	38.0	35.5	-109.00	20.9	1,631.3	581.9	510.5	71.42	8.147		
5,800.0	5,470.3	5,767.4	5,476.8	38.5	36.1	-109.04	20.4	1,664.7	592.4	519.8	72.60	8.159		
5,900.0	5,565.4	5,866.2	5,570.9	39.1	36.6	-109.07	19.9	1,694.9	601.8	528.2	73.65	8.171		
6,000.0	5,661.6	5,965.2	5,666.1	39.5	37.0	-109.10	19.5	1,721.9	610.3	535.7	74.59	8.182		
6,100.0	5,758.6	6,064.4	5,762.4	39.9	37.5	-109.13	19.1	1,745.6	617.7	542.3	75.42	8.190		
6,200.0	5,856.5	6,163.6	5,859.5	40.3	37.8	-109.15	18.8	1,766.0	624.1	547.9	76.14	8.196		
6,300.0	5,955.0	6,262.9	5,957.3	40.6	38.1	-109.18	18.6	1,783.1	629.4	552.6	76.76	8.200		
6,400.0	6,054.0	6,362.3	6,055.7	40.9	38.4	-109.19	18.4	1,796.7	633.6	556.4	77.27	8.201		
6,500.0	6,153.5	6,461.7	6,154.7	41.1	38.6	-109.21	18.2	1,807.0	636.8	559.1	77.67	8.199		
6,600.0	6,253.2	6,561.2	6,253.9	41.2	38.7	-109.22	18.1	1,813.8	638.9	561.0	77.98	8.194		
6,700.0	6,353.1	6,660.8	6,353.4	41.3	38.8	-109.22	18.1	1,817.1	640.0	561.8	78.19	8.185		
6,746.9	6,400.0	6,707.4	6,400.0	41.3	38.9	-0.37	18.1	1,817.5	640.1	599.5	40.56	15.782		
6,800.0	6,453.1	6,760.5	6,453.1	41.4	38.9	-0.37	18.1	1,817.5	640.1	599.4	40.70	15.727		
6,900.0	6,553.1	6,860.5	6,553.1	41.5	39.0	-0.37	18.1	1,817.5	640.1	599.1	40.96	15.625		
6,919.9	6,573.1	6,880.4	6,573.1	41.5	39.0	-0.37	18.1	1,817.5	640.1	599.1	41.02	15.605		
6,950.0	6,603.1	6,910.7	6,603.3	41.5	39.0	90.27	18.1	1,816.9	640.1	561.5	78.54	8.150		
7,000.0	6,653.0	6,960.9	6,653.3	41.5	39.0	90.27	18.0	1,813.0	640.1	561.6	78.52	8.152		
7,050.0	6,702.4	7,011.1	6,703.0	41.4	38.9	90.26	17.9	1,805.6	640.1	561.7	78.42	8.162		
7,100.0	6,751.3	7,061.3	6,752.0	41.3	38.9	90.26	17.8	1,794.8	640.1	561.8	78.26	8.179		
7,150.0	6,799.2	7,111.5	6,800.1	41.2	38.8	90.26	17.7	1,780.6	640.1	562.0	78.04	8.202		
7,200.0	6,846.1	7,161.7	6,847.1	41.1	38.6	90.25	17.5	1,763.0	640.1	562.3	77.79	8.229		
7,250.0	6,891.6	7,211.9	6,892.8	41.0	38.5	90.24	17.2	1,742.2	640.1	562.6	77.50	8.260		
7,300.0	6,935.5	7,262.1	6,936.9	40.8	38.3	90.24	17.0	1,718.3	640.1	562.9	77.19	8.293		
7,350.0	6,977.7	7,312.2	6,979.2	40.7	38.2	90.23	16.7	1,691.3	640.1	563.2	76.87	8.327		
7,400.0	7,018.0	7,362.4	7,019.5	40.5	38.0	90.22	16.4	1,661.4	640.1	563.5	76.56	8.361		
7,450.0	7,056.0	7,412.6	7,057.5	40.4	37.9	90.20	16.0	1,628.8	640.1	563.8	76.27	8.393		
7,500.0	7,091.7	7,462.7	7,093.3	40.3	37.7	90.19	15.6	1,593.6	640.1	564.1	76.00	8.422		
7,550.0	7,124.9	7,512.9	7,126.4	40.2	37.6	90.18	15.2	1,556.0	640.1	564.3	75.78	8.447		
7,600.0	7,155.4	7,563.0	7,156.8	40.1	37.5	90.16	14.8	1,516.2	640.1	564.5	75.62	8.465		
7,650.0	7,183.0	7,613.1	7,184.4	40.0	37.5	90.15	14.3	1,474.3	640.1	564.6	75.51	8.477		
7,700.0	7,207.7	7,663.2	7,209.0	40.0	37.5	90.13	13.8	1,430.7	640.1	564.6	75.48	8.480		
7,750.0	7,229.3	7,713.3	7,230.4	40.0	37.5	90.11	13.3	1,385.4	640.1	564.6	75.53	8.475		
7,800.0	7,247.7	7,763.4	7,248.6	40.0	37.5	90.09	12.8	1,338.8	640.1	564.4	75.66	8.460		
7,850.0	7,262.7	7,813.4	7,263.5	40.1	37.6	90.07	12.3	1,291.0	640.1	564.2	75.88	8.435		
7,900.0	7,274.5	7,863.5	7,275.1	40.2	37.8	90.06	11.7	1,242.3	640.1	563.9	76.19	8.402		
7,950.0	7,282.8	7,913.5	7,283.2	40.3	38.0	90.04	11.2	1,192.9	640.1	563.5	76.58	8.359		
8,000.0	7,287.6	7,963.6	7,287.8	40.5	38.2	90.02	10.7	1,143.1	640.1	563.1	77.04	8.309		
8,041.4	7,289.0	8,005.0	7,289.0	40.7	38.4	90.00	10.2	1,101.8	640.1	562.6	77.48	8.262		
8,041.5	7,289.0	8,005.1	7,289.0	40.7	38.4	90.00	10.2	1,101.7	640.1	562.6	77.48	8.262		
8,042.6	7,289.0	8,006.2	7,289.0	40.7	38.4	90.00	10.2	1,100.6	640.1	562.6	77.50	8.260		
8,100.0	7,289.3	8,063.6	7,289.3	41.0	38.8	90.00	9.6	1,043.2	640.1	561.9	78.23	8.183		
8,200.0	7,289.7	8,163.6	7,289.7	41.6	39.6	90.00	8.5	943.2	640.1	560.4	79.76	8.026		
8,300.0	7,290.1	8,263.6	7,290.1	42.4	40.5	90.00	7.3	843.2	640.1	558.5	81.64	7.840		
8,400.0	7,290.6	8,363.6	7,290.6	43.3	41.6	90.00	6.2	743.2	640.1	556.2	83.86	7.633		
8,500.0	7,291.0	8,463.6	7,291.0	44.4	42.9	90.00	5.1	643.2	640.1	553.7	86.39	7.409		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design				G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-17)										Offset Site Error:		0.0 ft
Survey Program: 0-MWD														Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
8,600.0	7,291.4	8,563.6	7,291.4	45.7	44.3	90.00	4.0	543.2	640.1	550.9	89.20	7.176				
8,700.0	7,291.9	8,663.6	7,291.9	47.1	45.8	90.00	2.9	443.2	640.1	547.8	92.27	6.937				
8,800.0	7,292.3	8,763.6	7,292.3	48.7	47.5	90.00	1.8	343.2	640.1	544.5	95.58	6.697				
8,900.0	7,292.7	8,863.6	7,292.8	50.3	49.2	90.00	0.7	243.2	640.1	541.0	99.09	6.460				
9,000.0	7,293.2	8,963.6	7,293.2	52.1	51.1	90.00	-0.4	143.2	640.1	537.3	102.78	6.227				
9,100.0	7,293.6	9,063.6	7,293.6	54.0	53.0	90.00	-1.5	43.2	640.1	533.4	106.65	6.002				
9,200.0	7,294.0	9,163.6	7,294.1	55.9	55.0	90.00	-2.6	-56.7	640.1	529.4	110.67	5.784				
9,300.0	7,294.5	9,263.6	7,294.5	58.0	57.1	90.00	-3.7	-156.7	640.1	525.2	114.82	5.575				
9,400.0	7,294.9	9,363.6	7,294.9	60.0	59.2	90.00	-4.8	-256.7	640.1	521.0	119.09	5.375				
9,500.0	7,295.3	9,463.6	7,295.4	62.2	61.4	90.00	-5.9	-356.7	640.1	516.6	123.47	5.184				
9,600.0	7,295.8	9,563.6	7,295.8	64.4	63.7	90.00	-7.0	-456.7	640.0	512.1	127.94	5.003				
9,700.0	7,296.2	9,663.6	7,296.2	66.7	65.9	90.00	-8.1	-556.7	640.0	507.5	132.51	4.830				
9,800.0	7,296.6	9,763.6	7,296.7	69.0	68.3	90.01	-9.2	-656.7	640.0	502.9	137.15	4.667				
9,900.0	7,297.1	9,863.6	7,297.1	71.3	70.6	90.01	-10.3	-756.7	640.0	498.2	141.86	4.512				
10,000.0	7,297.5	9,963.6	7,297.6	73.7	73.0	90.01	-11.4	-856.7	640.0	493.4	146.64	4.365				
10,100.0	7,297.9	10,063.6	7,298.0	76.1	75.4	90.01	-12.5	-956.7	640.0	488.6	151.47	4.225				
10,200.0	7,298.4	10,163.6	7,298.4	78.5	77.9	90.01	-13.6	-1,056.7	640.0	483.7	156.36	4.093				
10,300.0	7,298.8	10,263.6	7,298.9	81.0	80.4	90.01	-14.7	-1,156.7	640.0	478.7	161.30	3.968				
10,400.0	7,299.2	10,363.6	7,299.3	83.5	82.9	90.01	-15.8	-1,256.7	640.0	473.7	166.28	3.849				
10,500.0	7,299.7	10,463.6	7,299.7	86.0	85.4	90.01	-16.9	-1,356.7	640.0	468.7	171.29	3.736				
10,600.0	7,300.1	10,563.6	7,300.2	88.5	87.9	90.01	-18.0	-1,456.6	640.0	463.7	176.35	3.629				
10,700.0	7,300.5	10,663.6	7,300.6	91.0	90.4	90.01	-19.1	-1,556.6	640.0	458.6	181.43	3.527				
10,800.0	7,301.0	10,763.6	7,301.0	93.6	93.0	90.01	-20.2	-1,656.6	640.0	453.5	186.55	3.431				
10,900.0	7,301.4	10,863.6	7,301.5	96.1	95.6	90.01	-21.3	-1,756.6	640.0	448.3	191.70	3.339				
11,000.0	7,301.8	10,963.6	7,301.9	98.7	98.2	90.01	-22.4	-1,856.6	640.0	443.1	196.87	3.251				
11,100.0	7,302.3	11,063.6	7,302.3	101.3	100.8	90.01	-23.5	-1,956.6	640.0	437.9	202.07	3.167				
11,200.0	7,302.7	11,163.6	7,302.8	103.9	103.4	90.01	-24.6	-2,056.6	640.0	432.7	207.28	3.087				
11,300.0	7,303.1	11,263.6	7,303.2	106.5	106.0	90.01	-25.7	-2,156.6	640.0	427.5	212.52	3.011				
11,400.0	7,303.6	11,363.6	7,303.7	109.2	108.6	90.01	-26.8	-2,256.6	640.0	422.2	217.78	2.939				
11,500.0	7,304.0	11,463.6	7,304.1	111.8	111.3	90.01	-27.9	-2,356.6	640.0	416.9	223.06	2.869				
11,600.0	7,304.4	11,563.6	7,304.5	114.4	113.9	90.01	-29.0	-2,456.6	640.0	411.6	228.35	2.803				
11,700.0	7,304.9	11,663.6	7,305.0	117.1	116.6	90.01	-30.1	-2,556.6	640.0	406.3	233.65	2.739				
11,800.0	7,305.3	11,763.6	7,305.4	119.7	119.2	90.01	-31.2	-2,656.6	640.0	401.0	238.98	2.678				
11,900.0	7,305.7	11,863.6	7,305.8	122.4	121.9	90.01	-32.3	-2,756.6	640.0	395.7	244.31	2.619				
12,000.0	7,306.2	11,963.6	7,306.3	125.1	124.6	90.01	-33.4	-2,856.5	640.0	390.3	249.66	2.563				
12,100.0	7,306.6	12,063.6	7,306.7	127.8	127.3	90.01	-34.5	-2,956.5	640.0	384.9	255.02	2.509				
12,200.0	7,307.0	12,163.6	7,307.1	130.4	129.9	90.01	-35.6	-3,056.5	640.0	379.6	260.39	2.458				
12,300.0	7,307.5	12,263.6	7,307.6	133.1	132.6	90.01	-36.7	-3,156.5	640.0	374.2	265.77	2.408				
12,400.0	7,307.9	12,363.6	7,308.0	135.8	135.3	90.01	-37.8	-3,256.5	639.9	368.8	271.16	2.360				
12,500.0	7,308.3	12,463.6	7,308.4	138.5	138.0	90.01	-38.9	-3,356.5	639.9	363.4	276.55	2.314				
12,600.0	7,308.8	12,563.6	7,308.9	141.2	140.7	90.01	-40.0	-3,456.5	639.9	358.0	281.96	2.270				
12,700.0	7,309.2	12,663.6	7,309.3	143.9	143.4	90.01	-41.1	-3,556.5	639.9	352.6	287.38	2.227				
12,800.0	7,309.6	12,763.6	7,309.7	146.6	146.2	90.01	-42.2	-3,656.5	639.9	347.1	292.80	2.186				
12,900.0	7,310.1	12,863.6	7,310.2	149.4	148.9	90.01	-43.3	-3,756.5	639.9	341.7	298.23	2.146				
13,000.0	7,310.5	12,963.6	7,310.6	152.1	151.6	90.01	-44.4	-3,856.5	639.9	336.3	303.67	2.107				
13,100.0	7,310.9	13,063.6	7,311.0	154.8	154.3	90.01	-45.5	-3,956.5	639.9	330.8	309.11	2.070				
13,200.0	7,311.4	13,163.6	7,311.5	157.5	157.0	90.01	-46.5	-4,056.5	639.9	325.4	314.56	2.034				
13,300.0	7,311.8	13,263.6	7,311.9	160.2	159.8	90.01	-47.6	-4,156.5	639.9	319.9	320.02	2.000				
13,400.0	7,312.2	13,363.6	7,312.4	163.0	162.5	90.01	-48.7	-4,256.4	639.9	314.4	325.48	1.966				
13,500.0	7,312.7	13,463.6	7,312.8	165.7	165.2	90.01	-49.8	-4,356.4	639.9	309.0	330.95	1.934				
13,600.0	7,313.1	13,563.6	7,313.2	168.4	168.0	90.01	-50.9	-4,456.4	639.9	303.5	336.42	1.902				
13,700.0	7,313.5	13,663.6	7,313.7	171.2	170.7	90.01	-52.0	-4,556.4	639.9	298.0	341.89	1.872				

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design		G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-17)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
13,800.0	7,314.0	13,763.5	7,314.1	173.9	173.5	90.01	-53.1	-4,656.4	639.9	292.5	347.38	1.842			
13,900.0	7,314.4	13,863.5	7,314.5	176.7	176.2	90.01	-54.2	-4,756.4	639.9	287.0	352.86	1.813			
14,000.0	7,314.8	13,963.5	7,315.0	179.4	179.0	90.01	-55.3	-4,856.4	639.9	281.6	358.35	1.786			
14,100.0	7,315.3	14,063.5	7,315.4	182.1	181.7	90.01	-56.4	-4,956.4	639.9	276.1	363.84	1.759			
14,200.0	7,315.7	14,163.5	7,315.8	184.9	184.4	90.01	-57.5	-5,056.4	639.9	270.6	369.34	1.733			
14,300.0	7,316.1	14,263.5	7,316.3	187.6	187.2	90.01	-58.6	-5,156.4	639.9	265.1	374.84	1.707			
14,400.0	7,316.6	14,363.5	7,316.7	190.4	190.0	90.01	-59.7	-5,256.4	639.9	259.5	380.35	1.682			
14,500.0	7,317.0	14,463.5	7,317.1	193.2	192.7	90.01	-60.8	-5,356.4	639.9	254.0	385.86	1.658			
14,600.0	7,317.4	14,563.5	7,317.6	195.9	195.5	90.01	-61.9	-5,456.4	639.9	248.5	391.37	1.635			
14,700.0	7,317.9	14,663.5	7,318.0	198.7	198.2	90.01	-63.0	-5,556.4	639.9	243.0	396.88	1.612			
14,800.0	7,318.3	14,763.5	7,318.4	201.4	201.0	90.01	-64.1	-5,656.3	639.9	237.5	402.40	1.590			
14,900.0	7,318.7	14,863.5	7,318.9	204.2	203.7	90.01	-65.2	-5,756.3	639.9	232.0	407.92	1.569			
15,000.0	7,319.2	14,963.5	7,319.3	206.9	206.5	90.01	-66.3	-5,856.3	639.9	226.4	413.44	1.548			
15,100.0	7,319.6	15,063.5	7,319.7	209.7	209.3	90.01	-67.4	-5,956.3	639.9	220.9	418.96	1.527			
15,200.0	7,320.0	15,163.5	7,320.2	212.5	212.0	90.01	-68.5	-6,056.3	639.9	215.4	424.49	1.507			
15,300.0	7,320.5	15,263.5	7,320.6	215.2	214.8	90.01	-69.6	-6,156.3	639.9	209.8	430.02	1.488	Level 3		
15,400.0	7,320.9	15,363.5	7,321.0	218.0	217.6	90.01	-70.7	-6,256.3	639.9	204.3	435.55	1.469	Level 3		
15,500.0	7,321.3	15,463.5	7,321.5	220.8	220.3	90.01	-71.8	-6,356.3	639.9	198.8	441.09	1.451	Level 3		
15,600.0	7,321.8	15,563.5	7,321.9	223.5	223.1	90.01	-72.9	-6,456.3	639.9	193.2	446.62	1.433	Level 3		
15,700.0	7,322.2	15,663.5	7,322.3	226.3	225.9	90.01	-74.0	-6,556.3	639.9	187.7	452.16	1.415	Level 3		
15,800.0	7,322.6	15,763.5	7,322.8	229.1	228.6	90.01	-75.1	-6,656.3	639.9	182.2	457.70	1.398	Level 3		
15,900.0	7,323.1	15,863.5	7,323.2	231.8	231.4	90.01	-76.2	-6,756.3	639.9	176.6	463.25	1.381	Level 3		
16,000.0	7,323.5	15,963.5	7,323.6	234.6	234.2	90.01	-77.3	-6,856.3	639.9	171.1	468.79	1.365	Level 3		
16,100.0	7,323.9	16,063.5	7,324.1	237.4	237.0	90.01	-78.4	-6,956.3	639.9	165.5	474.34	1.349	Level 3		
16,200.0	7,324.4	16,163.5	7,324.5	240.2	239.7	90.01	-79.5	-7,056.2	639.8	160.0	479.88	1.333	Level 3		
16,300.0	7,324.8	16,263.5	7,324.9	242.9	242.5	90.01	-80.6	-7,156.2	639.8	154.4	485.43	1.318	Level 3		
16,400.0	7,325.2	16,363.5	7,325.4	245.7	245.3	90.01	-81.7	-7,256.2	639.8	148.9	490.98	1.303	Level 3		
16,500.0	7,325.7	16,463.5	7,325.8	248.5	248.1	90.01	-82.8	-7,356.2	639.8	143.3	496.54	1.289	Level 3		
16,600.0	7,326.1	16,563.5	7,326.2	251.3	250.8	90.01	-83.9	-7,456.2	639.8	137.8	502.09	1.274	Level 3		
16,700.0	7,326.5	16,663.5	7,326.7	254.0	253.6	90.01	-85.0	-7,556.2	639.8	132.2	507.65	1.260	Level 3		
16,800.0	7,327.0	16,763.5	7,327.1	256.8	256.4	90.01	-86.1	-7,656.2	639.8	126.6	513.20	1.247	Level 2		
16,900.0	7,327.4	16,863.5	7,327.5	259.6	259.2	90.01	-87.2	-7,756.2	639.8	121.1	518.76	1.233	Level 2		
17,000.0	7,327.8	16,963.5	7,328.0	262.4	262.0	90.01	-88.3	-7,856.2	639.8	115.5	524.32	1.220	Level 2		
17,100.0	7,328.3	17,063.5	7,328.4	265.2	264.7	90.01	-89.4	-7,956.2	639.8	110.0	529.88	1.208	Level 2		
17,200.0	7,328.7	17,163.5	7,328.8	267.9	267.5	90.01	-90.5	-8,056.2	639.8	104.4	535.44	1.195	Level 2		
17,300.0	7,329.1	17,263.5	7,329.3	270.7	270.3	90.01	-91.6	-8,156.2	639.8	98.8	541.01	1.183	Level 2		
17,400.0	7,329.6	17,363.5	7,329.7	273.5	273.1	90.01	-92.7	-8,256.2	639.8	93.3	546.57	1.171	Level 2		
17,500.0	7,330.0	17,463.5	7,330.1	276.3	275.9	90.01	-93.8	-8,356.2	639.8	87.7	552.14	1.159	Level 2		
17,600.0	7,330.4	17,563.5	7,330.6	279.1	278.6	90.01	-94.9	-8,456.1	639.8	82.1	557.70	1.147	Level 2		
17,700.0	7,330.9	17,663.5	7,331.0	281.8	281.4	90.01	-96.0	-8,556.1	639.8	76.6	563.27	1.136	Level 2		
17,800.0	7,331.3	17,763.5	7,331.4	284.6	284.2	90.01	-97.1	-8,656.1	639.8	71.0	568.84	1.125	Level 2		
17,900.0	7,331.7	17,863.5	7,331.9	287.4	287.0	90.01	-98.2	-8,756.1	639.8	65.4	574.41	1.114	Level 2		
18,000.0	7,332.2	17,963.5	7,332.3	290.2	289.8	90.01	-99.3	-8,856.1	639.8	59.8	579.98	1.103	Level 2		
18,100.0	7,332.6	18,063.5	7,332.7	293.0	292.6	90.01	-100.4	-8,956.1	639.8	54.3	585.55	1.093	Level 2		
18,200.0	7,333.0	18,163.5	7,333.2	295.8	295.4	90.01	-101.5	-9,056.1	639.8	48.7	591.12	1.082	Level 2		
18,300.0	7,333.5	18,263.5	7,333.6	298.6	298.1	90.01	-102.6	-9,156.1	639.8	43.1	596.69	1.072	Level 2		
18,367.7	7,333.8	18,331.3	7,333.9	300.4	300.0	90.01	-103.3	-9,223.8	639.8	39.3	600.47	1.066	Level 2		
18,400.0	7,333.9	18,352.8	7,334.0	301.3	300.6	90.01	-103.6	-9,245.3	639.9	37.9	601.97	1.063	Level 2, ES, SF		
18,419.3	7,334.0	18,352.8	7,334.0	301.9	300.6	90.01	-103.6	-9,245.3	640.5	38.0	602.51	1.063	Level 2		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	30.2	0.0	30.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	30.2	0.0	30.2	30.0	0.22	134.534		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	30.2	0.0	30.2	29.6	0.67	44.845		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	30.2	0.0	30.2	29.1	1.12	26.907		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	30.2	0.0	30.2	28.7	1.57	19.219 CC		
500.0	500.0	500.0	500.0	1.0	1.0	-111.16	30.2	0.0	30.7	28.7	2.01	15.290		
600.0	599.9	599.9	599.9	1.2	1.2	-117.64	30.2	0.0	32.3	29.9	2.44	13.257		
700.0	699.7	700.0	700.0	1.4	1.4	-124.98	30.1	1.3	35.3	32.4	2.87	12.308		
800.0	799.3	800.3	800.2	1.7	1.7	-130.58	29.7	5.2	39.3	36.0	3.31	11.885		
900.0	898.6	900.7	900.4	1.9	1.9	-134.61	29.1	11.8	44.1	40.3	3.77	11.698		
1,000.0	997.5	1,001.2	1,000.5	2.2	2.1	-137.35	28.2	21.0	49.5	45.2	4.25	11.629		
1,100.0	1,096.1	1,101.8	1,100.4	2.6	2.4	-139.10	27.1	32.8	55.4	50.6	4.77	11.609		
1,200.0	1,194.2	1,202.5	1,200.0	3.0	2.7	-140.11	25.6	47.2	61.8	56.4	5.33	11.596		
1,300.0	1,291.7	1,303.3	1,299.3	3.4	3.0	-140.54	24.0	64.3	68.6	62.6	5.93	11.566		
1,400.0	1,388.6	1,404.2	1,398.3	3.9	3.4	-140.56	22.1	84.0	75.8	69.2	6.59	11.504		
1,500.0	1,484.9	1,505.2	1,496.8	4.4	3.8	-140.26	19.9	106.3	83.4	76.1	7.32	11.402		
1,600.0	1,580.4	1,606.3	1,594.7	5.0	4.2	-139.73	17.5	131.2	91.5	83.3	8.12	11.260		
1,700.0	1,675.0	1,707.4	1,692.0	5.6	4.8	-139.02	14.8	158.7	99.9	90.9	9.02	11.081		
1,800.0	1,768.9	1,808.6	1,788.6	6.3	5.3	-138.19	11.9	188.7	108.8	98.8	10.01	10.870		
1,890.9	1,853.3	1,900.7	1,875.7	7.0	5.9	-137.35	9.0	218.3	117.2	106.2	11.00	10.657		
1,900.0	1,861.7	1,909.9	1,884.4	7.1	6.0	-137.27	8.7	221.4	118.1	107.0	11.11	10.631		
2,000.0	1,954.2	2,011.3	1,979.4	7.8	6.6	-135.90	5.3	256.6	126.7	114.3	12.35	10.255		
2,100.0	2,046.7	2,111.5	2,072.6	8.6	7.4	-134.01	1.7	293.1	134.4	120.6	13.73	9.785		
2,200.0	2,139.2	2,211.1	2,165.2	9.4	8.1	-132.30	-1.8	329.6	142.1	126.9	15.15	9.378		
2,300.0	2,231.7	2,310.7	2,257.8	10.2	8.8	-130.77	-5.4	366.1	149.9	133.3	16.60	9.030		
2,400.0	2,324.1	2,410.3	2,350.5	11.0	9.6	-129.39	-8.9	402.5	157.9	139.8	18.08	8.730		
2,500.0	2,416.6	2,509.9	2,443.1	11.8	10.4	-128.14	-12.5	439.0	165.9	146.3	19.59	8.471		
2,600.0	2,509.1	2,609.5	2,535.7	12.6	11.1	-127.01	-16.0	475.5	174.0	152.9	21.10	8.246		
2,700.0	2,601.6	2,709.2	2,628.4	13.4	11.9	-125.98	-19.6	511.9	182.2	159.5	22.63	8.049		
2,800.0	2,694.1	2,808.8	2,721.0	14.2	12.7	-125.04	-23.1	548.4	190.4	166.2	24.17	7.876		
2,900.0	2,786.5	2,908.4	2,813.6	15.1	13.4	-124.18	-26.7	584.9	198.6	172.9	25.72	7.723		
3,000.0	2,879.0	3,008.0	2,906.3	15.9	14.2	-123.39	-30.2	621.3	206.9	179.7	27.27	7.587		
3,100.0	2,971.5	3,107.6	2,998.9	16.7	15.0	-122.65	-33.8	657.8	215.3	186.4	28.83	7.466		
3,200.0	3,064.0	3,207.2	3,091.5	17.5	15.8	-121.97	-37.3	694.3	223.6	193.2	30.40	7.357		
3,300.0	3,156.5	3,306.8	3,184.2	18.3	16.5	-121.35	-40.9	730.8	232.0	200.1	31.97	7.259		
3,400.0	3,248.9	3,406.5	3,276.8	19.1	17.3	-120.76	-44.4	767.2	240.5	206.9	33.54	7.170		
3,500.0	3,341.4	3,506.1	3,369.4	20.0	18.1	-120.21	-48.0	803.7	248.9	213.8	35.11	7.089		
3,600.0	3,433.9	3,605.7	3,462.1	20.8	18.9	-119.71	-51.5	840.2	257.4	220.7	36.69	7.015		
3,700.0	3,526.4	3,705.3	3,554.7	21.6	19.7	-119.23	-55.1	876.6	265.9	227.6	38.27	6.948		
3,800.0	3,618.9	3,804.9	3,647.3	22.4	20.4	-118.78	-58.6	913.1	274.4	234.5	39.85	6.886		
3,900.0	3,711.3	3,904.5	3,740.0	23.2	21.2	-118.36	-62.2	949.6	282.9	241.5	41.43	6.828		
4,000.0	3,803.8	4,004.2	3,832.6	24.1	22.0	-117.96	-65.7	986.0	291.4	248.4	43.01	6.776		
4,100.0	3,896.3	4,103.8	3,925.2	24.9	22.8	-117.59	-69.2	1,022.5	300.0	255.4	44.59	6.727		
4,200.0	3,988.8	4,203.4	4,017.9	25.7	23.6	-117.24	-72.8	1,059.0	308.5	262.3	46.17	6.682		
4,300.0	4,081.3	4,303.0	4,110.5	26.5	24.4	-116.90	-76.3	1,095.4	317.1	269.3	47.76	6.639		
4,400.0	4,173.7	4,402.6	4,203.1	27.3	25.1	-116.59	-79.9	1,131.9	325.7	276.3	49.34	6.600		
4,500.0	4,266.2	4,502.2	4,295.8	28.2	25.9	-116.29	-83.4	1,168.4	334.3	283.3	50.93	6.563		
4,600.0	4,358.7	4,601.8	4,388.4	29.0	26.7	-116.00	-87.0	1,204.8	342.9	290.3	52.51	6.529		
4,700.0	4,451.2	4,701.5	4,481.0	29.8	27.5	-115.73	-90.5	1,241.3	351.5	297.4	54.10	6.496		
4,800.0	4,543.6	4,801.1	4,573.7	30.6	28.3	-115.47	-94.1	1,277.8	360.1	304.4	55.69	6.466		
4,900.0	4,636.1	4,900.7	4,666.3	31.5	29.1	-115.23	-97.6	1,314.2	368.7	311.4	57.27	6.437		
5,000.0	4,728.6	5,000.3	4,758.9	32.3	29.9	-114.99	-101.2	1,350.7	377.3	318.5	58.86	6.410		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,821.1	5,099.9	4,851.6	33.1	30.6	-114.77	-104.7	1,387.2	386.0	325.5	60.45	6.385		
5,200.0	4,913.6	5,199.5	4,944.2	33.9	31.4	-114.55	-108.3	1,423.6	394.6	332.6	62.03	6.361		
5,300.0	5,006.0	5,299.2	5,036.8	34.7	32.2	-114.35	-111.8	1,460.1	403.2	339.6	63.62	6.338		
5,400.0	5,098.5	5,398.8	5,129.4	35.6	33.0	-114.15	-115.4	1,496.6	411.9	346.7	65.21	6.316		
5,500.0	5,191.0	5,498.4	5,222.1	36.4	33.8	-113.96	-118.9	1,533.1	420.5	353.7	66.80	6.296		
5,600.0	5,283.5	5,598.0	5,314.7	37.2	34.6	-113.78	-122.5	1,569.5	429.2	360.8	68.38	6.276		
5,628.7	5,310.0	5,626.6	5,341.3	37.5	34.8	-113.73	-123.5	1,580.0	431.7	362.8	68.84	6.271		
5,700.0	5,376.3	5,697.6	5,407.4	38.0	35.4	-113.61	-126.0	1,606.0	437.5	367.6	69.94	6.256		
5,800.0	5,470.3	5,795.7	5,498.7	38.5	36.1	-113.15	-129.5	1,641.4	444.6	373.2	71.37	6.229		
5,900.0	5,565.4	5,892.7	5,590.1	39.1	36.6	-112.69	-132.6	1,673.6	451.0	378.4	72.60	6.212		
6,000.0	5,661.6	5,989.8	5,682.8	39.5	37.1	-112.24	-135.4	1,702.7	456.6	382.9	73.70	6.195		
6,100.0	5,758.6	6,087.1	5,776.5	39.9	37.6	-111.80	-138.0	1,728.8	461.5	386.8	74.70	6.178		
6,200.0	5,856.5	6,184.6	5,871.2	40.3	38.0	-111.37	-140.2	1,751.7	465.7	390.1	75.58	6.162		
6,300.0	5,955.0	6,282.2	5,966.8	40.6	38.3	-110.95	-142.1	1,771.4	469.1	392.8	76.35	6.145		
6,400.0	6,054.0	6,380.0	6,063.2	40.9	38.6	-110.53	-143.7	1,787.9	471.8	394.8	77.01	6.127		
6,500.0	6,153.5	6,477.9	6,160.2	41.1	38.9	-110.12	-145.0	1,801.1	473.7	396.2	77.56	6.108		
6,600.0	6,253.2	6,576.0	6,257.7	41.2	39.1	-109.71	-146.0	1,811.0	474.9	396.9	78.02	6.087		
6,700.0	6,353.1	6,674.1	6,355.7	41.3	39.2	-109.30	-146.6	1,817.6	475.3	396.9	78.37	6.064		
6,746.9	6,400.0	6,720.2	6,401.7	41.3	39.3	-0.25	-146.8	1,819.5	475.2	434.4	40.83	11.638		
6,800.0	6,453.1	6,772.4	6,453.9	41.4	39.3	-0.09	-146.9	1,820.8	475.1	434.2	40.90	11.616		
6,862.5	6,515.6	6,834.2	6,515.6	41.4	39.4	-0.05	-147.0	1,821.2	475.0	434.0	41.04	11.575		
6,900.0	6,553.1	6,871.7	6,553.1	41.5	39.4	-0.05	-147.0	1,821.2	475.0	433.9	41.14	11.547		
6,919.9	6,573.1	6,891.6	6,573.1	41.5	39.4	-0.05	-147.0	1,821.2	475.0	433.8	41.19	11.532		
6,950.0	6,603.1	6,921.7	6,603.1	41.5	39.4	90.66	-147.0	1,821.2	475.0	396.2	78.89	6.022		
7,000.0	6,653.0	6,971.6	6,653.0	41.5	39.5	91.12	-147.0	1,821.2	475.1	396.1	79.02	6.012		
7,050.0	6,702.4	7,022.2	6,703.6	41.4	39.5	91.74	-147.0	1,819.0	475.2	396.1	79.12	6.006		
7,100.0	6,751.3	7,073.1	6,754.2	41.3	39.5	92.36	-147.0	1,813.3	475.4	396.3	79.14	6.008		
7,150.0	6,799.2	7,124.4	6,804.6	41.2	39.4	92.97	-147.2	1,803.9	475.7	396.6	79.07	6.015		
7,200.0	6,846.1	7,176.2	6,854.6	41.1	39.3	93.57	-147.3	1,790.7	475.9	397.0	78.94	6.029		
7,250.0	6,891.6	7,228.3	6,903.9	41.0	39.2	94.15	-147.5	1,773.9	476.3	397.5	78.74	6.049		
7,300.0	6,935.5	7,280.7	6,952.2	40.8	39.0	94.71	-147.7	1,753.4	476.6	398.1	78.49	6.072		
7,350.0	6,977.7	7,333.6	6,999.2	40.7	38.9	95.24	-148.0	1,729.2	477.0	398.8	78.20	6.100		
7,400.0	7,018.0	7,386.8	7,044.6	40.5	38.7	95.76	-148.3	1,701.4	477.4	399.6	77.88	6.130		
7,450.0	7,056.0	7,440.4	7,088.0	40.4	38.5	96.24	-148.6	1,670.0	477.9	400.3	77.55	6.162		
7,500.0	7,091.7	7,494.3	7,129.3	40.3	38.4	96.69	-149.0	1,635.3	478.3	401.1	77.21	6.195		
7,550.0	7,124.9	7,548.6	7,168.0	40.2	38.3	97.11	-149.4	1,597.4	478.7	401.8	76.89	6.226		
7,600.0	7,155.4	7,603.1	7,204.0	40.1	38.1	97.49	-149.9	1,556.4	479.1	402.5	76.60	6.255		
7,650.0	7,183.0	7,658.0	7,236.9	40.0	38.1	97.84	-150.3	1,512.5	479.5	403.2	76.36	6.280		
7,700.0	7,207.7	7,713.0	7,266.4	40.0	38.0	98.14	-150.9	1,466.1	479.9	403.7	76.18	6.300		
7,750.0	7,229.3	7,768.3	7,292.4	40.0	38.0	98.40	-151.4	1,417.3	480.2	404.1	76.07	6.313		
7,800.0	7,247.7	7,823.8	7,314.6	40.0	38.1	98.61	-151.9	1,366.5	480.5	404.4	76.05	6.318		
7,850.0	7,262.7	7,879.4	7,332.9	40.1	38.2	98.77	-152.5	1,314.0	480.7	404.6	76.11	6.315		
7,900.0	7,274.5	7,935.2	7,347.1	40.2	38.3	98.89	-153.1	1,260.1	480.8	404.6	76.28	6.304		
7,950.0	7,282.8	7,991.0	7,357.0	40.3	38.5	98.97	-153.7	1,205.2	480.9	404.4	76.54	6.283		
8,000.0	7,287.6	8,046.8	7,362.6	40.5	38.8	98.99	-154.3	1,149.6	481.0	404.1	76.90	6.255		
8,041.4	7,289.0	8,092.8	7,364.0	40.7	39.0	98.97	-154.8	1,103.7	481.0	403.7	77.26	6.225		
8,041.5	7,289.0	8,092.9	7,364.0	40.7	39.0	98.97	-154.8	1,103.6	481.0	403.7	77.26	6.225		
8,042.6	7,289.0	8,094.0	7,364.0	40.7	39.0	98.97	-154.8	1,102.5	481.0	403.7	77.28	6.224		
8,100.0	7,289.3	8,151.4	7,364.1	41.0	39.4	98.95	-155.5	1,045.1	480.9	402.9	78.03	6.163		
8,200.0	7,289.7	8,251.4	7,364.2	41.6	40.2	98.91	-156.6	945.1	480.9	401.3	79.58	6.043		
8,300.0	7,290.1	8,351.4	7,364.3	42.4	41.1	98.87	-157.7	845.1	480.8	399.3	81.47	5.902		
8,400.0	7,290.6	8,451.4	7,364.3	43.3	42.2	98.83	-158.8	745.1	480.8	397.1	83.69	5.744		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design		G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-17)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		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)				
8,500.0	7,291.0	8,551.4	7,364.4	44.4	43.4	98.79	-159.9	645.1	480.7	394.5	86.22	5.575			
8,600.0	7,291.4	8,651.4	7,364.5	45.7	44.8	98.75	-161.0	545.1	480.7	391.6	89.02	5.399			
8,700.0	7,291.9	8,751.4	7,364.6	47.1	46.4	98.71	-162.1	445.1	480.6	388.5	92.07	5.220			
8,800.0	7,292.3	8,851.4	7,364.7	48.7	48.0	98.67	-163.2	345.1	480.6	385.2	95.35	5.040			
8,900.0	7,292.7	8,951.4	7,364.8	50.3	49.8	98.63	-164.3	245.1	480.5	381.7	98.84	4.861			
9,000.0	7,293.2	9,051.4	7,364.9	52.1	51.6	98.59	-165.4	145.1	480.4	377.9	102.51	4.687			
9,100.0	7,293.6	9,151.4	7,365.0	54.0	53.5	98.55	-166.5	45.1	480.4	374.1	106.34	4.517			
9,200.0	7,294.0	9,251.4	7,365.1	55.9	55.5	98.51	-167.6	-54.9	480.3	370.0	110.33	4.354			
9,300.0	7,294.5	9,351.4	7,365.2	58.0	57.6	98.47	-168.7	-154.8	480.3	365.8	114.44	4.197			
9,400.0	7,294.9	9,451.4	7,365.3	60.0	59.7	98.43	-169.8	-254.8	480.2	361.6	118.68	4.047			
9,500.0	7,295.3	9,551.4	7,365.4	62.2	61.9	98.39	-170.9	-354.8	480.2	357.2	123.02	3.903			
9,600.0	7,295.8	9,651.4	7,365.5	64.4	64.2	98.35	-172.0	-454.8	480.1	352.7	127.46	3.767			
9,700.0	7,296.2	9,751.4	7,365.6	66.7	66.5	98.31	-173.1	-554.8	480.1	348.1	131.98	3.637			
9,800.0	7,296.6	9,851.4	7,365.7	69.0	68.8	98.27	-174.1	-654.8	480.0	343.4	136.59	3.514			
9,900.0	7,297.1	9,951.4	7,365.8	71.3	71.1	98.23	-175.2	-754.8	480.0	338.7	141.26	3.398			
10,000.0	7,297.5	10,051.4	7,365.9	73.7	73.5	98.19	-176.3	-854.8	479.9	333.9	146.00	3.287			
10,100.0	7,297.9	10,151.4	7,366.0	76.1	75.9	98.15	-177.4	-954.8	479.9	329.1	150.80	3.182			
10,200.0	7,298.4	10,251.4	7,366.1	78.5	78.4	98.11	-178.5	-1,054.8	479.8	324.2	155.64	3.083			
10,300.0	7,298.8	10,351.4	7,366.2	81.0	80.8	98.07	-179.6	-1,154.8	479.8	319.2	160.54	2.989			
10,400.0	7,299.2	10,451.4	7,366.3	83.5	83.3	98.03	-180.7	-1,254.8	479.7	314.3	165.48	2.899			
10,500.0	7,299.7	10,551.4	7,366.4	86.0	85.8	97.99	-181.8	-1,354.8	479.7	309.2	170.46	2.814			
10,600.0	7,300.1	10,651.4	7,366.5	88.5	88.4	97.95	-182.9	-1,454.8	479.6	304.2	175.48	2.733			
10,700.0	7,300.5	10,751.4	7,366.6	91.0	90.9	97.91	-184.0	-1,554.8	479.6	299.1	180.53	2.657			
10,800.0	7,301.0	10,851.4	7,366.7	93.6	93.5	97.88	-185.1	-1,654.7	479.5	293.9	185.62	2.583			
10,900.0	7,301.4	10,951.4	7,366.8	96.1	96.0	97.84	-186.2	-1,754.7	479.5	288.8	190.73	2.514			
11,000.0	7,301.8	11,051.4	7,366.9	98.7	98.6	97.80	-187.3	-1,854.7	479.4	283.6	195.87	2.448			
11,100.0	7,302.3	11,151.4	7,367.0	101.3	101.2	97.76	-188.4	-1,954.7	479.4	278.4	201.03	2.385			
11,200.0	7,302.7	11,251.4	7,367.1	103.9	103.8	97.72	-189.5	-2,054.7	479.3	273.1	206.22	2.325			
11,300.0	7,303.1	11,351.4	7,367.1	106.5	106.4	97.68	-190.6	-2,154.7	479.3	267.9	211.42	2.267			
11,400.0	7,303.6	11,451.4	7,367.2	109.2	109.1	97.64	-191.7	-2,254.7	479.3	262.6	216.65	2.212			
11,500.0	7,304.0	11,551.4	7,367.3	111.8	111.7	97.60	-192.8	-2,354.7	479.2	257.3	221.89	2.160			
11,600.0	7,304.4	11,651.4	7,367.4	114.4	114.4	97.56	-193.9	-2,454.7	479.2	252.0	227.16	2.109			
11,700.0	7,304.9	11,751.4	7,367.5	117.1	117.0	97.52	-195.0	-2,554.7	479.1	246.7	232.44	2.061			
11,800.0	7,305.3	11,851.4	7,367.6	119.7	119.7	97.48	-196.1	-2,654.7	479.1	241.3	237.73	2.015			
11,900.0	7,305.7	11,951.4	7,367.7	122.4	122.3	97.44	-197.2	-2,754.7	479.0	236.0	243.04	1.971			
12,000.0	7,306.2	12,051.4	7,367.8	125.1	125.0	97.40	-198.3	-2,854.7	479.0	230.6	248.36	1.929			
12,100.0	7,306.6	12,151.4	7,367.9	127.8	127.7	97.36	-199.4	-2,954.7	478.9	225.2	253.69	1.888			
12,200.0	7,307.0	12,251.4	7,368.0	130.4	130.4	97.32	-200.5	-3,054.7	478.9	219.9	259.04	1.849			
12,300.0	7,307.5	12,351.4	7,368.1	133.1	133.1	97.28	-201.6	-3,154.6	478.8	214.4	264.39	1.811			
12,400.0	7,307.9	12,451.4	7,368.2	135.8	135.8	97.24	-202.7	-3,254.6	478.8	209.0	269.76	1.775			
12,500.0	7,308.3	12,551.4	7,368.3	138.5	138.5	97.20	-203.8	-3,354.6	478.8	203.6	275.14	1.740			
12,600.0	7,308.8	12,651.4	7,368.4	141.2	141.2	97.16	-204.9	-3,454.6	478.7	198.2	280.52	1.706			
12,700.0	7,309.2	12,751.4	7,368.5	143.9	143.9	97.12	-206.0	-3,554.6	478.7	192.7	285.92	1.674			
12,800.0	7,309.6	12,851.4	7,368.6	146.6	146.6	97.08	-207.1	-3,654.6	478.6	187.3	291.32	1.643			
12,900.0	7,310.1	12,951.4	7,368.7	149.4	149.3	97.04	-208.2	-3,754.6	478.6	181.8	296.73	1.613			
13,000.0	7,310.5	13,051.4	7,368.8	152.1	152.0	97.00	-209.3	-3,854.6	478.5	176.4	302.15	1.584			
13,100.0	7,310.9	13,151.4	7,368.9	154.8	154.7	96.96	-210.4	-3,954.6	478.5	170.9	307.58	1.556			
13,200.0	7,311.4	13,251.4	7,369.0	157.5	157.5	96.92	-211.5	-4,054.6	478.4	165.4	313.01	1.529			
13,300.0	7,311.8	13,351.4	7,369.1	160.2	160.2	96.88	-212.6	-4,154.6	478.4	160.0	318.45	1.502			
13,400.0	7,312.2	13,451.4	7,369.2	163.0	162.9	96.84	-213.7	-4,254.6	478.4	154.5	323.90	1.477 Level 3			
13,500.0	7,312.7	13,551.4	7,369.3	165.7	165.7	96.80	-214.8	-4,354.6	478.3	149.0	329.35	1.452 Level 3			
13,600.0	7,313.1	13,651.4	7,369.4	168.4	168.4	96.76	-215.9	-4,454.6	478.3	143.5	334.81	1.429 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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.0	7,313.5	13,751.4	7,369.5	171.2	171.1	96.72	-217.0	-4,554.6	478.2	138.0	340.27	1.405	Level 3	
13,800.0	7,314.0	13,851.4	7,369.6	173.9	173.9	96.68	-218.1	-4,654.5	478.2	132.5	345.74	1.383	Level 3	
13,900.0	7,314.4	13,951.4	7,369.7	176.7	176.6	96.64	-219.2	-4,754.5	478.2	126.9	351.21	1.361	Level 3	
14,000.0	7,314.8	14,051.4	7,369.8	179.4	179.4	96.60	-220.3	-4,854.5	478.1	121.4	356.69	1.340	Level 3	
14,100.0	7,315.3	14,151.4	7,369.9	182.1	182.1	96.56	-221.4	-4,954.5	478.1	115.9	362.18	1.320	Level 3	
14,200.0	7,315.7	14,251.4	7,369.9	184.9	184.9	96.52	-222.5	-5,054.5	478.0	110.4	367.66	1.300	Level 3	
14,300.0	7,316.1	14,351.4	7,370.0	187.6	187.6	96.48	-223.6	-5,154.5	478.0	104.8	373.16	1.281	Level 3	
14,400.0	7,316.6	14,451.4	7,370.1	190.4	190.4	96.44	-224.7	-5,254.5	478.0	99.3	378.65	1.262	Level 3	
14,500.0	7,317.0	14,551.4	7,370.2	193.2	193.1	96.40	-225.8	-5,354.5	477.9	93.8	384.15	1.244	Level 2	
14,600.0	7,317.4	14,651.4	7,370.3	195.9	195.9	96.35	-226.9	-5,454.5	477.9	88.2	389.66	1.226	Level 2	
14,700.0	7,317.9	14,751.4	7,370.4	198.7	198.6	96.31	-228.0	-5,554.5	477.8	82.7	395.16	1.209	Level 2	
14,800.0	7,318.3	14,851.4	7,370.5	201.4	201.4	96.27	-229.1	-5,654.5	477.8	77.1	400.67	1.192	Level 2	
14,900.0	7,318.7	14,951.4	7,370.6	204.2	204.1	96.23	-230.2	-5,754.5	477.8	71.6	406.19	1.176	Level 2	
15,000.0	7,319.2	15,051.4	7,370.7	206.9	206.9	96.19	-231.3	-5,854.5	477.7	66.0	411.71	1.160	Level 2	
15,100.0	7,319.6	15,151.4	7,370.8	209.7	209.7	96.15	-232.4	-5,954.5	477.7	60.4	417.23	1.145	Level 2	
15,200.0	7,320.0	15,251.4	7,370.9	212.5	212.4	96.11	-233.5	-6,054.5	477.6	54.9	422.75	1.130	Level 2	
15,300.0	7,320.5	15,351.4	7,371.0	215.2	215.2	96.07	-234.6	-6,154.5	477.6	49.3	428.28	1.115	Level 2	
15,400.0	7,320.9	15,451.4	7,371.1	218.0	218.0	96.03	-235.7	-6,254.4	477.6	43.8	433.81	1.101	Level 2	
15,500.0	7,321.3	15,551.4	7,371.2	220.8	220.7	95.99	-236.8	-6,354.4	477.5	38.2	439.34	1.087	Level 2	
15,600.0	7,321.8	15,651.4	7,371.3	223.5	223.5	95.95	-237.9	-6,454.4	477.5	32.6	444.88	1.073	Level 2	
15,700.0	7,322.2	15,751.4	7,371.4	226.3	226.3	95.91	-239.0	-6,554.4	477.5	27.0	450.42	1.060	Level 2	
15,800.0	7,322.6	15,851.4	7,371.5	229.1	229.0	95.87	-240.1	-6,654.4	477.4	21.5	455.96	1.047	Level 2	
15,900.0	7,323.1	15,951.4	7,371.6	231.8	231.8	95.83	-241.2	-6,754.4	477.4	15.9	461.50	1.034	Level 2	
16,000.0	7,323.5	16,051.4	7,371.7	234.6	234.6	95.79	-242.3	-6,854.4	477.3	10.3	467.05	1.022	Level 2	
16,100.0	7,323.9	16,151.4	7,371.8	237.4	237.4	95.75	-243.4	-6,954.4	477.3	4.7	472.60	1.010	Level 2	
16,200.0	7,324.4	16,251.4	7,371.9	240.2	240.1	95.71	-244.5	-7,054.4	477.3	-0.9	478.15	0.998	Level 1	
16,300.0	7,324.8	16,351.4	7,372.0	242.9	242.9	95.67	-245.5	-7,154.4	477.2	-6.5	483.70	0.987	Level 1	
16,400.0	7,325.2	16,451.4	7,372.1	245.7	245.7	95.63	-246.6	-7,254.4	477.2	-12.1	489.25	0.975	Level 1	
16,500.0	7,325.7	16,551.4	7,372.2	248.5	248.5	95.59	-247.7	-7,354.4	477.2	-17.6	494.81	0.964	Level 1	
16,600.0	7,326.1	16,651.4	7,372.3	251.3	251.2	95.55	-248.8	-7,454.4	477.1	-23.2	500.37	0.954	Level 1	
16,700.0	7,326.5	16,751.4	7,372.4	254.0	254.0	95.51	-249.9	-7,554.4	477.1	-28.8	505.93	0.943	Level 1	
16,800.0	7,327.0	16,851.4	7,372.5	256.8	256.8	95.47	-251.0	-7,654.4	477.1	-34.4	511.49	0.933	Level 1	
16,900.0	7,327.4	16,951.4	7,372.6	259.6	259.6	95.43	-252.1	-7,754.3	477.0	-40.0	517.06	0.923	Level 1	
17,000.0	7,327.8	17,051.4	7,372.7	262.4	262.3	95.39	-253.2	-7,854.3	477.0	-45.6	522.62	0.913	Level 1	
17,100.0	7,328.3	17,151.4	7,372.7	265.2	265.1	95.35	-254.3	-7,954.3	477.0	-51.2	528.19	0.903	Level 1	
17,200.0	7,328.7	17,251.4	7,372.8	267.9	267.9	95.31	-255.4	-8,054.3	476.9	-56.8	533.76	0.894	Level 1	
17,300.0	7,329.1	17,351.4	7,372.9	270.7	270.7	95.27	-256.5	-8,154.3	476.9	-62.4	539.33	0.884	Level 1	
17,400.0	7,329.6	17,451.4	7,373.0	273.5	273.5	95.23	-257.6	-8,254.3	476.9	-68.0	544.90	0.875	Level 1	
17,500.0	7,330.0	17,551.4	7,373.1	276.3	276.3	95.19	-258.7	-8,354.3	476.8	-73.7	550.48	0.866	Level 1	
17,600.0	7,330.4	17,651.4	7,373.2	279.1	279.0	95.15	-259.8	-8,454.3	476.8	-79.3	556.05	0.857	Level 1	
17,700.0	7,330.9	17,751.4	7,373.3	281.8	281.8	95.11	-260.9	-8,554.3	476.8	-84.9	561.63	0.849	Level 1	
17,800.0	7,331.3	17,851.4	7,373.4	284.6	284.6	95.07	-262.0	-8,654.3	476.7	-90.5	567.21	0.840	Level 1	
17,900.0	7,331.7	17,951.4	7,373.5	287.4	287.4	95.03	-263.1	-8,754.3	476.7	-96.1	572.79	0.832	Level 1	
18,000.0	7,332.2	18,051.4	7,373.6	290.2	290.2	94.99	-264.2	-8,854.3	476.7	-101.7	578.37	0.824	Level 1	
18,100.0	7,332.6	18,151.4	7,373.7	293.0	293.0	94.95	-265.3	-8,954.3	476.6	-107.3	583.96	0.816	Level 1	
18,200.0	7,333.0	18,251.4	7,373.8	295.8	295.7	94.91	-266.4	-9,054.3	476.6	-112.9	589.54	0.808	Level 1	
18,300.0	7,333.5	18,351.4	7,373.9	298.6	298.5	94.87	-267.5	-9,154.3	476.6	-118.6	595.13	0.801	Level 1	
18,368.4	7,333.8	18,419.7	7,374.0	300.5	300.4	94.84	-268.3	-9,222.6	476.6	-122.4	598.95	0.796	Level 1	
18,400.0	7,333.9	18,448.6	7,374.0	301.3	301.2	94.83	-268.6	-9,251.5	476.6	-124.1	600.63	0.793	Level 1, SF	
18,419.3	7,334.0	18,448.6	7,374.0	301.9	301.2	94.83	-268.6	-9,251.5	477.0	-124.1	601.17	0.794	Level 1, ES	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	15.3	0.0	15.3	15.3	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	0.00	15.3	0.0	15.3	15.1	0.22	68.077		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	15.3	0.0	15.3	14.6	0.67	22.692		
300.0	300.0	300.0	300.0	0.6	0.5	4.89	15.1	1.3	15.1	14.0	1.11	13.608		
343.9	343.9	343.9	343.9	0.7	0.6	10.20	14.8	2.7	15.1	13.8	1.30	11.542 CC		
400.0	400.0	400.0	399.9	0.8	0.8	19.71	14.4	5.1	15.3	13.7	1.55	9.840		
500.0	500.0	499.7	499.4	1.0	1.0	-71.69	13.2	11.6	17.1	15.1	1.99	8.589		
600.0	599.9	599.3	598.5	1.2	1.3	-59.23	11.6	20.5	20.5	18.1	2.44	8.401		
700.0	699.7	698.7	697.3	1.4	1.5	-51.22	9.5	32.0	24.9	22.0	2.92	8.532		
800.0	799.3	798.0	795.6	1.7	1.9	-46.25	7.0	46.0	29.8	26.4	3.41	8.739		
900.0	898.6	897.2	893.3	1.9	2.2	-43.21	4.1	62.4	35.1	31.2	3.94	8.931		
1,000.0	997.5	996.2	990.5	2.2	2.6	-41.42	0.7	81.4	40.8	36.3	4.49	9.076		
1,100.0	1,096.1	1,095.1	1,086.9	2.6	3.1	-40.45	-3.2	102.7	46.6	41.5	5.08	9.165		
1,200.0	1,194.2	1,193.8	1,182.6	3.0	3.5	-40.05	-7.5	126.5	52.7	46.9	5.73	9.197		
1,300.0	1,291.7	1,292.4	1,277.6	3.4	4.1	-40.04	-12.2	152.7	58.9	52.5	6.42	9.175		
1,400.0	1,388.6	1,390.8	1,371.6	3.9	4.7	-40.30	-17.3	181.2	65.3	58.2	7.18	9.107		
1,500.0	1,484.9	1,489.1	1,464.8	4.4	5.3	-40.76	-22.9	212.1	72.0	64.0	8.00	8.992		
1,600.0	1,580.4	1,587.3	1,557.0	5.0	6.0	-41.37	-28.8	245.2	78.8	69.9	8.91	8.843		
1,700.0	1,675.0	1,687.1	1,650.3	5.6	6.7	-42.63	-35.1	280.0	84.7	74.7	9.94	8.520		
1,800.0	1,768.9	1,787.0	1,743.7	6.3	7.4	-44.90	-41.4	314.9	88.7	77.6	11.14	7.967		
1,890.9	1,853.3	1,877.7	1,828.5	7.0	8.1	-47.83	-47.1	346.5	91.0	78.6	12.41	7.333		
1,900.0	1,861.7	1,886.8	1,837.1	7.1	8.2	-48.17	-47.6	349.7	91.2	78.6	12.55	7.265		
2,000.0	1,954.2	1,986.6	1,930.4	7.8	8.9	-51.81	-53.9	384.5	93.2	79.1	14.12	6.602		
2,100.0	2,046.7	2,086.4	2,023.7	8.6	9.6	-55.28	-60.2	419.3	95.6	79.9	15.76	6.066		
2,200.0	2,139.2	2,186.2	2,117.0	9.4	10.4	-58.56	-66.4	454.1	98.4	80.9	17.46	5.634		
2,300.0	2,231.7	2,286.0	2,210.4	10.2	11.1	-61.66	-72.7	488.9	101.4	82.2	19.19	5.284		
2,400.0	2,324.1	2,385.8	2,303.7	11.0	11.9	-64.57	-79.0	523.8	104.7	83.8	20.95	5.000		
2,500.0	2,416.6	2,485.6	2,397.0	11.8	12.7	-67.30	-85.2	558.6	108.3	85.6	22.71	4.769		
2,600.0	2,509.1	2,585.4	2,490.4	12.6	13.4	-69.84	-91.5	593.4	112.1	87.6	24.47	4.581		
2,700.0	2,601.6	2,685.2	2,583.7	13.4	14.2	-72.22	-97.8	628.2	116.1	89.9	26.24	4.426		
2,800.0	2,694.1	2,785.1	2,677.0	14.2	14.9	-74.43	-104.0	663.0	120.3	92.3	27.99	4.299		
2,900.0	2,786.5	2,884.9	2,770.3	15.1	15.7	-76.49	-110.3	697.8	124.7	95.0	29.73	4.194		
3,000.0	2,879.0	2,984.7	2,863.7	15.9	16.4	-78.41	-116.5	732.6	129.2	97.8	31.46	4.108		
3,100.0	2,971.5	3,084.5	2,957.0	16.7	17.2	-80.20	-122.8	767.4	133.9	100.7	33.17	4.036		
3,200.0	3,064.0	3,184.3	3,050.3	17.5	17.9	-81.87	-129.1	802.3	138.6	103.8	34.86	3.977		
3,300.0	3,156.5	3,284.1	3,143.7	18.3	18.7	-83.42	-135.3	837.1	143.5	107.0	36.55	3.927		
3,400.0	3,248.9	3,383.9	3,237.0	19.1	19.5	-84.88	-141.6	871.9	148.5	110.3	38.21	3.886		
3,500.0	3,341.4	3,483.7	3,330.3	20.0	20.2	-86.23	-147.9	906.7	153.6	113.7	39.87	3.852		
3,600.0	3,433.9	3,583.5	3,423.6	20.8	21.0	-87.50	-154.1	941.5	158.7	117.2	41.51	3.824		
3,700.0	3,526.4	3,683.3	3,517.0	21.6	21.7	-88.69	-160.4	976.3	164.0	120.8	43.13	3.801		
3,800.0	3,618.9	3,783.1	3,610.3	22.4	22.5	-89.81	-166.7	1,011.1	169.3	124.5	44.75	3.782		
3,900.0	3,711.3	3,882.9	3,703.6	23.2	23.3	-90.86	-172.9	1,045.9	174.6	128.3	46.35	3.767		
4,000.0	3,803.8	3,982.7	3,797.0	24.1	24.0	-91.84	-179.2	1,080.8	180.0	132.1	47.94	3.755		
4,100.0	3,896.3	4,082.5	3,890.3	24.9	24.8	-92.77	-185.5	1,115.6	185.5	135.9	49.53	3.745		
4,200.0	3,988.8	4,182.4	3,983.6	25.7	25.5	-93.64	-191.7	1,150.4	191.0	139.9	51.10	3.737		
4,300.0	4,081.3	4,282.2	4,077.0	26.5	26.3	-94.47	-198.0	1,185.2	196.5	143.8	52.67	3.731		
4,400.0	4,173.7	4,382.0	4,170.3	27.3	27.1	-95.25	-204.3	1,220.0	202.1	147.9	54.23	3.727		
4,500.0	4,266.2	4,481.8	4,263.6	28.2	27.8	-95.98	-210.5	1,254.8	207.7	151.9	55.78	3.724		
4,600.0	4,358.7	4,581.6	4,356.9	29.0	28.6	-96.68	-216.8	1,289.6	213.4	156.0	57.33	3.722		
4,700.0	4,451.2	4,681.4	4,450.3	29.8	29.3	-97.35	-223.1	1,324.4	219.0	160.2	58.86	3.721		
4,800.0	4,543.6	4,781.2	4,543.6	30.6	30.1	-97.97	-229.3	1,359.3	224.8	164.4	60.40	3.721		
4,900.0	4,636.1	4,881.0	4,636.9	31.5	30.9	-98.57	-235.6	1,394.1	230.5	168.6	61.93	3.722		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,728.6	4,980.8	4,730.3	32.3	31.6	-99.14	-241.8	1,428.9	236.2	172.8	63.45	3.723		
5,100.0	4,821.1	5,080.6	4,823.6	33.1	32.4	-99.68	-248.1	1,463.7	242.0	177.1	64.97	3.725		
5,200.0	4,913.6	5,180.4	4,916.9	33.9	33.2	-100.20	-254.4	1,498.5	247.8	181.3	66.48	3.728		
5,300.0	5,006.0	5,280.2	5,010.2	34.7	33.9	-100.69	-260.6	1,533.3	253.6	185.7	67.99	3.731		
5,400.0	5,098.5	5,380.0	5,103.6	35.6	34.7	-101.16	-266.9	1,568.1	259.5	190.0	69.50	3.734		
5,500.0	5,191.0	5,479.9	5,196.9	36.4	35.4	-101.61	-273.2	1,602.9	265.3	194.3	71.00	3.737		
5,600.0	5,283.5	5,579.6	5,290.2	37.2	36.2	-102.04	-279.4	1,637.7	271.2	198.7	72.50	3.741		
5,628.7	5,310.0	5,608.1	5,316.9	37.5	36.4	-102.21	-281.2	1,647.5	272.9	200.0	72.88	3.744		
5,700.0	5,376.3	5,678.7	5,383.5	38.0	36.8	-102.75	-285.3	1,670.5	277.1	203.4	73.70	3.759		
5,800.0	5,470.3	5,777.7	5,477.8	38.5	37.3	-103.49	-290.7	1,700.1	282.5	207.8	74.66	3.783		
5,900.0	5,565.4	5,876.5	5,573.0	39.1	37.7	-104.21	-295.4	1,726.4	287.4	211.9	75.51	3.807		
6,000.0	5,661.6	5,975.3	5,668.9	39.5	38.1	-104.91	-299.5	1,749.4	291.9	215.7	76.24	3.829		
6,100.0	5,758.6	6,073.9	5,765.5	39.9	38.5	-105.58	-303.1	1,769.2	295.9	219.1	76.85	3.851		
6,200.0	5,856.5	6,172.5	5,862.6	40.3	38.8	-106.24	-306.1	1,785.6	299.5	222.1	77.35	3.872		
6,300.0	5,955.0	6,271.0	5,960.2	40.6	39.0	-106.89	-308.4	1,798.8	302.6	224.8	77.74	3.892		
6,400.0	6,054.0	6,369.3	6,058.0	40.9	39.2	-107.53	-310.2	1,808.6	305.1	227.1	78.03	3.911		
6,500.0	6,153.5	6,467.5	6,156.0	41.1	39.4	-108.16	-311.4	1,815.1	307.2	229.0	78.20	3.929		
6,600.0	6,253.2	6,565.7	6,254.1	41.2	39.5	-108.78	-311.9	1,818.3	308.9	230.6	78.28	3.946		
6,700.0	6,353.1	6,664.7	6,353.1	41.3	39.5	-109.32	-312.0	1,818.7	309.9	231.6	78.29	3.958		
6,746.9	6,400.0	6,711.6	6,400.0	41.3	39.6	-0.54	-312.0	1,818.7	310.0	268.1	41.87	7.404		
6,800.0	6,453.1	6,764.7	6,453.1	41.4	39.6	-0.54	-312.0	1,818.7	310.0	268.0	42.01	7.380		
6,862.1	6,515.2	6,826.9	6,515.3	41.4	39.6	-0.60	-312.0	1,818.4	310.0	267.8	42.19	7.348		
6,900.0	6,553.1	6,864.6	6,553.0	41.5	39.6	-1.00	-312.0	1,816.2	310.0	267.5	42.49	7.296		
6,919.9	6,573.1	6,884.4	6,572.6	41.5	39.6	-1.36	-312.0	1,814.3	310.0	267.3	42.72	7.257		
6,950.0	6,603.1	6,914.1	6,602.0	41.5	39.6	88.66	-312.1	1,810.4	310.1	232.0	78.08	3.972		
7,000.0	6,653.0	6,963.1	6,650.2	41.5	39.5	87.65	-312.2	1,801.2	310.3	232.6	77.66	3.995		
7,050.0	6,702.4	7,011.7	6,697.2	41.4	39.5	86.66	-312.3	1,789.0	310.5	233.4	77.17	4.024		
7,100.0	6,751.3	7,060.0	6,743.0	41.3	39.3	85.69	-312.5	1,773.6	310.9	234.3	76.63	4.057		
7,150.0	6,799.2	7,108.0	6,787.4	41.2	39.2	84.74	-312.7	1,755.4	311.3	235.3	76.04	4.094		
7,200.0	6,846.1	7,155.7	6,830.2	41.1	39.1	83.82	-312.9	1,734.3	311.8	236.4	75.44	4.134		
7,250.0	6,891.6	7,203.0	6,871.2	41.0	38.9	82.94	-313.2	1,710.7	312.4	237.6	74.83	4.175		
7,300.0	6,935.5	7,250.0	6,910.2	40.8	38.8	82.10	-313.5	1,684.6	313.0	238.8	74.22	4.217		
7,350.0	6,977.7	7,297.0	6,947.5	40.7	38.6	81.29	-313.8	1,656.0	313.7	240.0	73.64	4.259		
7,400.0	7,018.0	7,343.5	6,982.5	40.5	38.5	80.53	-314.1	1,625.3	314.3	241.2	73.11	4.300		
7,450.0	7,056.0	7,389.9	7,015.3	40.4	38.4	79.81	-314.5	1,592.5	315.0	242.4	72.63	4.337		
7,500.0	7,091.7	7,436.0	7,045.7	40.3	38.3	79.14	-314.9	1,557.9	315.7	243.5	72.23	4.371		
7,550.0	7,124.9	7,482.0	7,073.8	40.2	38.2	78.53	-315.3	1,521.5	316.4	244.5	71.91	4.399		
7,600.0	7,155.4	7,527.7	7,099.3	40.1	38.1	77.97	-315.7	1,483.5	317.0	245.3	71.69	4.422		
7,650.0	7,183.0	7,573.4	7,122.3	40.0	38.1	77.46	-316.1	1,444.2	317.6	246.0	71.58	4.437		
7,700.0	7,207.7	7,618.8	7,142.7	40.0	38.1	77.01	-316.6	1,403.6	318.2	246.6	71.59	4.445		
7,750.0	7,229.3	7,664.2	7,160.5	40.0	38.1	76.62	-317.0	1,361.8	318.7	247.0	71.71	4.444		
7,800.0	7,247.7	7,709.4	7,175.5	40.0	38.2	76.29	-317.5	1,319.2	319.1	247.2	71.96	4.435		
7,850.0	7,262.7	7,754.6	7,187.8	40.1	38.3	76.02	-318.0	1,275.7	319.5	247.2	72.33	4.417		
7,900.0	7,274.5	7,800.0	7,197.4	40.2	38.4	75.80	-318.5	1,231.3	319.8	247.0	72.82	4.392		
7,950.0	7,282.8	7,844.7	7,204.0	40.3	38.6	75.65	-319.0	1,187.2	320.0	246.6	73.42	4.359		
8,000.0	7,287.6	7,889.7	7,207.9	40.5	38.8	75.56	-319.5	1,142.3	320.2	246.0	74.11	4.320		
8,041.4	7,289.0	7,927.1	7,209.0	40.7	38.9	75.53	-319.9	1,105.0	320.2	245.4	74.75	4.283		
8,041.5	7,289.0	7,927.2	7,209.0	40.7	38.9	75.53	-319.9	1,104.9	320.2	245.4	74.76	4.283		
8,042.6	7,289.0	7,928.3	7,209.0	40.7	38.9	75.53	-319.9	1,103.7	320.2	245.4	74.77	4.282		
8,100.0	7,289.3	7,985.7	7,209.3	41.0	39.3	75.55	-320.5	1,046.4	320.2	244.7	75.48	4.242		
8,200.0	7,289.7	8,085.7	7,209.9	41.6	40.0	75.57	-321.6	946.4	320.1	243.2	76.97	4.159		
8,300.0	7,290.1	8,185.7	7,210.5	42.4	40.9	75.60	-322.7	846.4	320.1	241.3	78.80	4.062		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design				G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-17)									Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)				
8,400.0	7,290.6	8,285.7	7,211.1	43.3	41.9	75.62	-323.8	746.4	320.1	239.1	80.97	3.953			
8,500.0	7,291.0	8,385.7	7,211.7	44.4	43.1	75.65	-324.9	646.4	320.0	236.6	83.44	3.835			
8,600.0	7,291.4	8,485.7	7,212.2	45.7	44.5	75.67	-326.0	546.4	320.0	233.8	86.18	3.713			
8,700.0	7,291.9	8,585.7	7,212.8	47.1	46.0	75.70	-327.1	446.4	319.9	230.8	89.18	3.588			
8,800.0	7,292.3	8,685.7	7,213.4	48.7	47.6	75.72	-328.2	346.4	319.9	227.5	92.40	3.462			
8,900.0	7,292.7	8,785.7	7,214.0	50.3	49.3	75.75	-329.3	246.4	319.9	224.0	95.83	3.338			
9,000.0	7,293.2	8,885.7	7,214.6	52.1	51.2	75.77	-330.4	146.4	319.8	220.4	99.44	3.216			
9,100.0	7,293.6	8,985.7	7,215.1	54.0	53.1	75.80	-331.5	46.4	319.8	216.6	103.21	3.098			
9,200.0	7,294.0	9,085.7	7,215.7	55.9	55.1	75.82	-332.6	-53.6	319.8	212.6	107.13	2.985			
9,300.0	7,294.5	9,185.7	7,216.3	58.0	57.1	75.85	-333.7	-153.6	319.7	208.5	111.19	2.876			
9,400.0	7,294.9	9,285.7	7,216.9	60.0	59.3	75.87	-334.8	-253.5	319.7	204.3	115.36	2.771			
9,500.0	7,295.3	9,385.7	7,217.5	62.2	61.5	75.90	-335.9	-353.5	319.6	200.0	119.63	2.672			
9,600.0	7,295.8	9,485.7	7,218.0	64.4	63.7	75.93	-337.0	-453.5	319.6	195.6	124.01	2.577			
9,700.0	7,296.2	9,585.7	7,218.6	66.7	66.0	75.95	-338.1	-553.5	319.6	191.1	128.46	2.488			
9,800.0	7,296.6	9,685.7	7,219.2	69.0	68.3	75.98	-339.2	-653.5	319.5	186.5	133.00	2.403			
9,900.0	7,297.1	9,785.7	7,219.8	71.3	70.6	76.00	-340.3	-753.5	319.5	181.9	137.60	2.322			
10,000.0	7,297.5	9,885.7	7,220.3	73.7	73.0	76.03	-341.4	-853.5	319.5	177.2	142.27	2.246			
10,100.0	7,297.9	9,985.7	7,220.9	76.1	75.4	76.05	-342.5	-953.5	319.4	172.4	146.99	2.173			
10,200.0	7,298.4	10,085.7	7,221.5	78.5	77.9	76.08	-343.6	-1,053.5	319.4	167.6	151.77	2.104			
10,300.0	7,298.8	10,185.7	7,222.1	81.0	80.3	76.10	-344.7	-1,153.5	319.4	162.8	156.59	2.039			
10,400.0	7,299.2	10,285.7	7,222.7	83.5	82.8	76.13	-345.8	-1,253.5	319.3	157.9	161.46	1.978			
10,500.0	7,299.7	10,385.7	7,223.2	86.0	85.3	76.15	-346.9	-1,353.5	319.3	152.9	166.36	1.919			
10,600.0	7,300.1	10,485.7	7,223.8	88.5	87.9	76.18	-348.0	-1,453.5	319.2	147.9	171.30	1.864			
10,700.0	7,300.5	10,585.7	7,224.4	91.0	90.4	76.20	-349.0	-1,553.4	319.2	142.9	176.28	1.811			
10,800.0	7,301.0	10,685.7	7,225.0	93.6	93.0	76.23	-350.1	-1,653.4	319.2	137.9	181.28	1.761			
10,900.0	7,301.4	10,785.7	7,225.6	96.1	95.6	76.25	-351.2	-1,753.4	319.1	132.8	186.32	1.713			
11,000.0	7,301.8	10,885.7	7,226.1	98.7	98.1	76.28	-352.3	-1,853.4	319.1	127.7	191.38	1.667			
11,100.0	7,302.3	10,985.7	7,226.7	101.3	100.7	76.30	-353.4	-1,953.4	319.1	122.6	196.46	1.624			
11,200.0	7,302.7	11,085.7	7,227.3	103.9	103.3	76.33	-354.5	-2,053.4	319.0	117.5	201.56	1.583			
11,300.0	7,303.1	11,185.7	7,227.9	106.5	106.0	76.35	-355.6	-2,153.4	319.0	112.3	206.69	1.543			
11,400.0	7,303.6	11,285.7	7,228.5	109.2	108.6	76.38	-356.7	-2,253.4	319.0	107.1	211.84	1.506			
11,500.0	7,304.0	11,385.7	7,229.0	111.8	111.2	76.40	-357.8	-2,353.4	318.9	101.9	217.00	1.470	Level 3		
11,600.0	7,304.4	11,485.7	7,229.6	114.4	113.9	76.43	-358.9	-2,453.4	318.9	96.7	222.18	1.435	Level 3		
11,700.0	7,304.9	11,585.7	7,230.2	117.1	116.5	76.46	-360.0	-2,553.4	318.9	91.5	227.38	1.402	Level 3		
11,800.0	7,305.3	11,685.7	7,230.8	119.7	119.2	76.48	-361.1	-2,653.4	318.8	86.2	232.59	1.371	Level 3		
11,900.0	7,305.7	11,785.7	7,231.3	122.4	121.9	76.51	-362.2	-2,753.4	318.8	81.0	237.81	1.340	Level 3		
12,000.0	7,306.2	11,885.7	7,231.9	125.1	124.5	76.53	-363.3	-2,853.3	318.8	75.7	243.05	1.311	Level 3		
12,100.0	7,306.6	11,985.7	7,232.5	127.8	127.2	76.56	-364.4	-2,953.3	318.7	70.4	248.30	1.284	Level 3		
12,200.0	7,307.0	12,085.7	7,233.1	130.4	129.9	76.58	-365.5	-3,053.3	318.7	65.1	253.56	1.257	Level 3		
12,300.0	7,307.5	12,185.7	7,233.7	133.1	132.6	76.61	-366.6	-3,153.3	318.6	59.8	258.84	1.231	Level 2		
12,400.0	7,307.9	12,285.7	7,234.2	135.8	135.3	76.63	-367.7	-3,253.3	318.6	54.5	264.12	1.206	Level 2		
12,500.0	7,308.3	12,385.7	7,234.8	138.5	138.0	76.66	-368.8	-3,353.3	318.6	49.2	269.41	1.182	Level 2		
12,600.0	7,308.8	12,485.7	7,235.4	141.2	140.7	76.68	-369.9	-3,453.3	318.5	43.8	274.72	1.160	Level 2		
12,700.0	7,309.2	12,585.7	7,236.0	143.9	143.4	76.71	-371.0	-3,553.3	318.5	38.5	280.03	1.137	Level 2		
12,800.0	7,309.6	12,685.7	7,236.6	146.6	146.1	76.73	-372.1	-3,653.3	318.5	33.1	285.35	1.116	Level 2		
12,900.0	7,310.1	12,785.7	7,237.1	149.4	148.8	76.76	-373.2	-3,753.3	318.4	27.8	290.67	1.096	Level 2		
13,000.0	7,310.5	12,885.7	7,237.7	152.1	151.6	76.79	-374.3	-3,853.3	318.4	22.4	296.01	1.076	Level 2		
13,100.0	7,310.9	12,985.7	7,238.3	154.8	154.3	76.81	-375.4	-3,953.3	318.4	17.0	301.35	1.056	Level 2		
13,200.0	7,311.4	13,085.7	7,238.9	157.5	157.0	76.84	-376.5	-4,053.3	318.3	11.6	306.70	1.038	Level 2		
13,300.0	7,311.8	13,185.7	7,239.5	160.2	159.7	76.86	-377.6	-4,153.2	318.3	6.2	312.06	1.020	Level 2		
13,400.0	7,312.2	13,285.7	7,240.0	163.0	162.5	76.89	-378.7	-4,253.2	318.3	0.8	317.42	1.003	Level 2		
13,500.0	7,312.7	13,385.7	7,240.6	165.7	165.2	76.91	-379.8	-4,353.2	318.2	-4.6	322.79	0.986	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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,600.0	7,313.1	13,485.7	7,241.2	168.4	167.9	76.94	-380.9	-4,453.2	318.2	-10.0	328.16	0.970	Level 1
13,700.0	7,313.5	13,585.7	7,241.8	171.2	170.7	76.96	-382.0	-4,553.2	318.2	-15.4	333.54	0.954	Level 1
13,800.0	7,314.0	13,685.7	7,242.3	173.9	173.4	76.99	-383.1	-4,653.2	318.1	-20.8	338.93	0.939	Level 1
13,900.0	7,314.4	13,785.7	7,242.9	176.7	176.2	77.01	-384.2	-4,753.2	318.1	-26.2	344.32	0.924	Level 1
14,000.0	7,314.8	13,885.7	7,243.5	179.4	178.9	77.04	-385.3	-4,853.2	318.1	-31.7	349.71	0.909	Level 1
14,100.0	7,315.3	13,985.7	7,244.1	182.1	181.7	77.06	-386.4	-4,953.2	318.0	-37.1	355.11	0.896	Level 1
14,200.0	7,315.7	14,085.7	7,244.7	184.9	184.4	77.09	-387.5	-5,053.2	318.0	-42.5	360.52	0.882	Level 1
14,300.0	7,316.1	14,185.7	7,245.2	187.6	187.2	77.12	-388.6	-5,153.2	318.0	-48.0	365.93	0.869	Level 1
14,400.0	7,316.6	14,285.7	7,245.8	190.4	189.9	77.14	-389.7	-5,253.2	317.9	-53.4	371.34	0.856	Level 1
14,500.0	7,317.0	14,385.7	7,246.4	193.2	192.7	77.17	-390.8	-5,353.1	317.9	-58.9	376.76	0.844	Level 1
14,600.0	7,317.4	14,485.7	7,247.0	195.9	195.4	77.19	-391.9	-5,453.1	317.9	-64.3	382.18	0.832	Level 1
14,700.0	7,317.9	14,585.7	7,247.6	198.7	198.2	77.22	-393.0	-5,553.1	317.8	-69.8	387.61	0.820	Level 1
14,800.0	7,318.3	14,685.7	7,248.1	201.4	200.9	77.24	-394.1	-5,653.1	317.8	-75.2	393.04	0.809	Level 1
14,900.0	7,318.7	14,785.7	7,248.7	204.2	203.7	77.27	-395.2	-5,753.1	317.8	-80.7	398.47	0.797	Level 1
15,000.0	7,319.2	14,885.7	7,249.3	206.9	206.5	77.29	-396.2	-5,853.1	317.7	-86.2	403.91	0.787	Level 1
15,100.0	7,319.6	14,985.7	7,249.9	209.7	209.2	77.32	-397.3	-5,953.1	317.7	-91.7	409.35	0.776	Level 1
15,200.0	7,320.0	15,085.7	7,250.4	212.5	212.0	77.35	-398.4	-6,053.1	317.7	-97.1	414.79	0.766	Level 1
15,300.0	7,320.5	15,185.7	7,251.0	215.2	214.8	77.37	-399.5	-6,153.1	317.6	-102.6	420.24	0.756	Level 1
15,400.0	7,320.9	15,285.7	7,251.6	218.0	217.5	77.40	-400.6	-6,253.1	317.6	-108.1	425.69	0.746	Level 1
15,500.0	7,321.3	15,385.7	7,252.2	220.8	220.3	77.42	-401.7	-6,353.1	317.6	-113.6	431.14	0.737	Level 1
15,600.0	7,321.8	15,485.7	7,252.8	223.5	223.1	77.45	-402.8	-6,453.1	317.5	-119.1	436.60	0.727	Level 1
15,700.0	7,322.2	15,585.7	7,253.3	226.3	225.8	77.47	-403.9	-6,553.1	317.5	-124.6	442.05	0.718	Level 1
15,800.0	7,322.6	15,685.7	7,253.9	229.1	228.6	77.50	-405.0	-6,653.0	317.5	-130.1	447.52	0.709	Level 1
15,900.0	7,323.1	15,785.7	7,254.5	231.8	231.4	77.52	-406.1	-6,753.0	317.4	-135.6	452.98	0.701	Level 1
16,000.0	7,323.5	15,885.7	7,255.1	234.6	234.1	77.55	-407.2	-6,853.0	317.4	-141.1	458.45	0.692	Level 1
16,100.0	7,323.9	15,985.7	7,255.7	237.4	236.9	77.57	-408.3	-6,953.0	317.4	-146.6	463.92	0.684	Level 1
16,200.0	7,324.4	16,085.7	7,256.2	240.2	239.7	77.60	-409.4	-7,053.0	317.3	-152.1	469.39	0.676	Level 1
16,300.0	7,324.8	16,185.7	7,256.8	242.9	242.5	77.63	-410.5	-7,153.0	317.3	-157.6	474.86	0.668	Level 1
16,400.0	7,325.2	16,285.7	7,257.4	245.7	245.2	77.65	-411.6	-7,253.0	317.3	-163.1	480.34	0.660	Level 1
16,500.0	7,325.7	16,385.7	7,258.0	248.5	248.0	77.68	-412.7	-7,353.0	317.2	-168.6	485.82	0.653	Level 1
16,600.0	7,326.1	16,485.7	7,258.6	251.3	250.8	77.70	-413.8	-7,453.0	317.2	-174.1	491.30	0.646	Level 1
16,700.0	7,326.5	16,585.7	7,259.1	254.0	253.6	77.73	-414.9	-7,553.0	317.2	-179.6	496.79	0.638	Level 1
16,800.0	7,327.0	16,685.7	7,259.7	256.8	256.3	77.75	-416.0	-7,653.0	317.1	-185.1	502.27	0.631	Level 1
16,900.0	7,327.4	16,785.7	7,260.3	259.6	259.1	77.78	-417.1	-7,753.0	317.1	-190.7	507.76	0.625	Level 1
17,000.0	7,327.8	16,885.7	7,260.9	262.4	261.9	77.81	-418.2	-7,853.0	317.1	-196.2	513.25	0.618	Level 1
17,100.0	7,328.3	16,985.7	7,261.4	265.2	264.7	77.83	-419.3	-7,952.9	317.0	-201.7	518.74	0.611	Level 1
17,200.0	7,328.7	17,085.7	7,262.0	267.9	267.5	77.86	-420.4	-8,052.9	317.0	-207.2	524.24	0.605	Level 1
17,300.0	7,329.1	17,185.7	7,262.6	270.7	270.3	77.88	-421.5	-8,152.9	317.0	-212.8	529.74	0.598	Level 1
17,400.0	7,329.6	17,285.7	7,263.2	273.5	273.0	77.91	-422.6	-8,252.9	316.9	-218.3	535.23	0.592	Level 1
17,500.0	7,330.0	17,385.7	7,263.8	276.3	275.8	77.93	-423.7	-8,352.9	316.9	-223.8	540.73	0.586	Level 1
17,600.0	7,330.4	17,485.7	7,264.3	279.1	278.6	77.96	-424.8	-8,452.9	316.9	-229.4	546.24	0.580	Level 1
17,700.0	7,330.9	17,585.7	7,264.9	281.8	281.4	77.98	-425.9	-8,552.9	316.8	-234.9	551.74	0.574	Level 1
17,800.0	7,331.3	17,685.7	7,265.5	284.6	284.2	78.01	-427.0	-8,652.9	316.8	-240.4	557.25	0.569	Level 1
17,900.0	7,331.7	17,785.7	7,266.1	287.4	287.0	78.04	-428.1	-8,752.9	316.8	-246.0	562.76	0.563	Level 1
18,000.0	7,332.2	17,885.7	7,266.7	290.2	289.7	78.06	-429.2	-8,852.9	316.8	-251.5	568.27	0.557	Level 1
18,100.0	7,332.6	17,985.7	7,267.2	293.0	292.5	78.09	-430.3	-8,952.9	316.7	-257.1	573.78	0.552	Level 1
18,200.0	7,333.0	18,085.7	7,267.8	295.8	295.3	78.11	-431.4	-9,052.9	316.7	-262.6	579.29	0.547	Level 1
18,300.0	7,333.5	18,185.7	7,268.4	298.6	298.1	78.14	-432.5	-9,152.9	316.7	-268.2	584.81	0.541	Level 1
18,400.0	7,333.9	18,285.7	7,269.0	301.3	300.9	78.16	-433.6	-9,252.8	316.6	-273.7	590.32	0.536	Level 1
18,404.6	7,333.9	18,290.2	7,269.0	301.5	301.0	78.17	-433.6	-9,257.4	316.6	-274.0	590.58	0.536	Level 1, SF
18,419.3	7,334.0	18,290.2	7,269.0	301.9	301.0	78.17	-433.6	-9,257.4	317.0	-274.0	590.98	0.536	Level 1, ES

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-178.93	-14.9	-0.3	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-178.93	-14.9	-0.3	14.9	14.7	0.22	66.486		
200.0	200.0	200.0	200.0	0.3	0.3	-178.93	-14.9	-0.3	14.9	14.3	0.67	22.162		
300.0	300.0	300.0	300.0	0.6	0.6	-178.93	-14.9	-0.3	14.9	13.8	1.12	13.297		
400.0	400.0	400.0	400.0	0.8	0.8	-178.93	-14.9	-0.3	14.9	13.4	1.57	9.498		
500.0	500.0	500.0	500.0	1.0	1.0	77.12	-14.9	-0.3	14.6	12.6	2.01	7.275		
586.8	586.7	586.7	586.7	1.2	1.2	90.00	-14.9	-0.3	14.2	11.9	2.38	5.983 CC		
600.0	599.9	599.9	599.9	1.2	1.2	92.69	-14.9	-0.3	14.2	11.8	2.44	5.850		
700.0	699.7	699.8	699.8	1.4	1.4	112.38	-15.5	0.9	15.5	12.6	2.86	5.413		
800.0	799.3	799.9	799.8	1.7	1.6	127.26	-17.0	4.5	18.4	15.1	3.30	5.583		
900.0	898.6	900.1	899.8	1.9	1.9	137.20	-19.6	10.5	22.4	18.6	3.75	5.960		
1,000.0	997.5	1,000.4	999.7	2.2	2.1	143.66	-23.3	19.0	26.9	22.7	4.22	6.371		
1,100.0	1,096.1	1,100.9	1,099.4	2.6	2.3	147.90	-28.0	29.8	31.8	27.1	4.71	6.750		
1,200.0	1,194.2	1,201.5	1,199.0	3.0	2.6	150.70	-33.7	43.1	36.9	31.7	5.21	7.071		
1,300.0	1,291.7	1,302.2	1,298.2	3.4	3.0	152.55	-40.6	58.8	42.1	36.4	5.75	7.331		
1,400.0	1,388.6	1,403.0	1,397.1	3.9	3.3	153.75	-48.4	76.9	47.5	41.2	6.31	7.529		
1,500.0	1,484.9	1,504.0	1,495.6	4.4	3.8	154.50	-57.3	97.4	53.0	46.1	6.91	7.669		
1,600.0	1,580.4	1,605.2	1,593.6	5.0	4.2	154.90	-67.3	120.4	58.5	51.0	7.54	7.755		
1,700.0	1,675.0	1,706.4	1,691.0	5.6	4.7	155.06	-78.3	145.7	64.1	55.9	8.23	7.793		
1,800.0	1,768.9	1,807.8	1,787.8	6.3	5.3	155.02	-90.3	173.4	69.8	60.8	8.96	7.785		
1,890.9	1,853.3	1,900.0	1,875.1	7.0	5.9	154.86	-102.1	200.7	75.0	65.3	9.68	7.744		
1,900.0	1,861.7	1,909.3	1,883.8	7.1	6.0	154.83	-103.4	203.6	75.5	65.7	9.76	7.735		
2,000.0	1,954.2	2,011.0	1,979.2	7.8	6.6	154.08	-117.5	236.1	79.9	69.2	10.68	7.480		
2,100.0	2,046.7	2,112.8	2,073.6	8.6	7.4	152.44	-132.6	271.0	82.0	70.3	11.75	6.978		
2,200.0	2,139.2	2,214.2	2,166.6	9.4	8.2	149.86	-148.7	308.0	82.0	69.0	13.03	6.295		
2,300.0	2,231.7	2,314.2	2,258.0	10.2	9.0	146.96	-164.8	345.1	81.5	67.0	14.46	5.637		
2,400.0	2,324.1	2,414.1	2,349.3	11.0	9.9	144.04	-180.9	382.3	81.2	65.2	16.01	5.072		
2,494.6	2,411.6	2,508.6	2,435.7	11.8	10.7	141.25	-196.2	417.5	81.1	63.5	17.57	4.615		
2,500.0	2,416.6	2,514.0	2,440.6	11.8	10.7	141.09	-197.1	419.5	81.1	63.4	17.66	4.591		
2,600.0	2,509.1	2,613.9	2,531.9	12.6	11.6	138.15	-213.2	456.7	81.2	61.8	19.42	4.183		
2,700.0	2,601.6	2,713.8	2,623.3	13.4	12.4	135.23	-229.3	493.8	81.5	60.3	21.25	3.837		
2,800.0	2,694.1	2,813.7	2,714.6	14.2	13.3	132.33	-245.4	531.0	82.1	58.9	23.16	3.544		
2,900.0	2,786.5	2,913.6	2,805.9	15.1	14.1	129.49	-261.6	568.2	82.8	57.7	25.12	3.297		
3,000.0	2,879.0	3,013.6	2,897.3	15.9	15.0	126.69	-277.7	605.4	83.8	56.7	27.12	3.089		
3,100.0	2,971.5	3,113.5	2,988.6	16.7	15.9	123.97	-293.8	642.6	84.9	55.8	29.15	2.913		
3,200.0	3,064.0	3,213.4	3,079.9	17.5	16.7	121.33	-310.0	679.7	86.3	55.1	31.20	2.765		
3,300.0	3,156.5	3,313.3	3,171.2	18.3	17.6	118.77	-326.1	716.9	87.8	54.5	33.24	2.640		
3,400.0	3,248.9	3,413.2	3,262.6	19.1	18.5	116.30	-342.2	754.1	89.5	54.2	35.28	2.535		
3,500.0	3,341.4	3,513.1	3,353.9	20.0	19.3	113.93	-358.3	791.3	91.3	54.0	37.31	2.447		
3,600.0	3,433.9	3,613.0	3,445.2	20.8	20.2	111.65	-374.5	828.4	93.3	54.0	39.32	2.372		
3,700.0	3,526.4	3,712.9	3,536.5	21.6	21.1	109.48	-390.6	865.6	95.4	54.1	41.31	2.310		
3,800.0	3,618.9	3,812.9	3,627.9	22.4	22.0	107.40	-406.7	902.8	97.7	54.4	43.27	2.257		
3,900.0	3,711.3	3,912.8	3,719.2	23.2	22.8	105.42	-422.9	940.0	100.1	54.9	45.20	2.214		
4,000.0	3,803.8	4,012.7	3,810.5	24.1	23.7	103.53	-439.0	977.1	102.6	55.5	47.11	2.177		
4,100.0	3,896.3	4,112.6	3,901.8	24.9	24.6	101.73	-455.1	1,014.3	105.2	56.2	48.98	2.147		
4,200.0	3,988.8	4,212.5	3,993.2	25.7	25.5	100.02	-471.2	1,051.5	107.9	57.0	50.82	2.123		
4,300.0	4,081.3	4,312.4	4,084.5	26.5	26.3	98.40	-487.4	1,088.7	110.7	58.0	52.63	2.103		
4,400.0	4,173.7	4,412.3	4,175.8	27.3	27.2	96.86	-503.5	1,125.8	113.5	59.1	54.42	2.087		
4,500.0	4,266.2	4,512.2	4,267.1	28.2	28.1	95.39	-519.6	1,163.0	116.5	60.3	56.17	2.074		
4,600.0	4,358.7	4,612.2	4,358.5	29.0	29.0	94.00	-535.8	1,200.2	119.5	61.6	57.90	2.064		
4,700.0	4,451.2	4,712.1	4,449.8	29.8	29.8	92.68	-551.9	1,237.4	122.6	63.0	59.61	2.057		
4,800.0	4,543.6	4,812.0	4,541.1	30.6	30.7	91.42	-568.0	1,274.5	125.8	64.5	61.29	2.052		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,636.1	4,911.9	4,632.4	31.5	31.6	90.23	-584.1	1,311.7	129.0	66.0	62.95	2.049		
5,000.0	4,728.6	5,011.8	4,723.8	32.3	32.5	89.09	-600.3	1,348.9	132.3	67.7	64.59	2.048		
5,100.0	4,821.1	5,111.7	4,815.1	33.1	33.4	88.01	-616.4	1,386.1	135.6	69.4	66.21	2.048		
5,200.0	4,913.6	5,211.6	4,906.4	33.9	34.2	86.98	-632.5	1,423.2	139.0	71.1	67.82	2.049		
5,300.0	5,006.0	5,311.6	4,997.8	34.7	35.1	86.00	-648.6	1,460.4	142.4	73.0	69.40	2.051		
5,400.0	5,098.5	5,411.5	5,089.1	35.6	36.0	85.07	-664.8	1,497.6	145.8	74.8	70.97	2.054		
5,500.0	5,191.0	5,511.4	5,180.4	36.4	36.9	84.18	-680.9	1,534.8	149.3	76.8	72.53	2.058		
5,600.0	5,283.5	5,611.3	5,271.7	37.2	37.8	83.33	-697.0	1,571.9	152.8	78.7	74.08	2.063		
5,628.7	5,310.0	5,640.0	5,297.9	37.5	38.0	83.09	-701.7	1,582.6	153.8	79.3	74.52	2.064		
5,700.0	5,376.3	5,711.5	5,363.4	38.0	38.6	82.29	-713.2	1,609.1	156.5	81.0	75.45	2.074		
5,800.0	5,470.3	5,812.6	5,456.9	38.5	39.3	81.03	-728.5	1,644.4	160.1	83.7	76.41	2.095		
5,900.0	5,565.4	5,913.8	5,551.8	39.1	39.9	79.82	-742.5	1,676.7	163.5	86.3	77.24	2.117		
6,000.0	5,661.6	6,015.3	5,648.1	39.5	40.4	78.64	-755.2	1,705.9	166.7	88.8	77.93	2.140		
6,100.0	5,758.6	6,116.8	5,745.6	39.9	40.9	77.51	-766.5	1,732.1	169.8	91.3	78.48	2.163		
6,200.0	5,856.5	6,218.6	5,844.2	40.3	41.3	76.40	-776.5	1,755.0	172.6	93.7	78.91	2.187		
6,300.0	5,955.0	6,320.5	5,943.7	40.6	41.7	75.32	-785.0	1,774.8	175.2	96.0	79.20	2.212		
6,400.0	6,054.0	6,422.5	6,044.2	40.9	42.0	74.25	-792.2	1,791.3	177.6	98.2	79.37	2.237		
6,500.0	6,153.5	6,524.7	6,145.3	41.1	42.3	73.21	-798.0	1,804.6	179.7	100.3	79.42	2.263		
6,600.0	6,253.2	6,627.0	6,247.1	41.2	42.5	72.17	-802.3	1,814.6	181.6	102.3	79.35	2.289		
6,700.0	6,353.1	6,729.5	6,349.3	41.3	42.7	71.15	-805.2	1,821.2	183.3	104.2	79.17	2.316		
6,746.9	6,400.0	6,777.6	6,397.3	41.3	42.7	70.12	-806.0	1,823.1	184.0	104.2	79.17	2.316		
6,800.0	6,453.1	6,832.1	6,451.9	41.4	42.8	69.09	-806.6	1,824.5	184.6	104.2	79.17	2.316		
6,900.0	6,553.1	6,933.4	6,553.1	41.5	42.8	68.06	-806.7	1,824.8	184.8	104.2	79.17	2.316		
6,919.9	6,573.1	6,953.3	6,573.1	41.5	42.9	67.03	-806.7	1,824.8	184.8	104.2	79.17	2.316		
6,950.0	6,603.1	6,983.4	6,603.1	41.5	42.9	66.00	-806.7	1,824.8	184.8	104.2	79.17	2.316		
7,000.0	6,653.0	7,033.3	6,653.0	41.5	42.9	64.97	-806.7	1,824.8	184.9	104.2	79.17	2.316		
7,050.0	6,702.4	7,083.6	6,703.3	41.4	42.9	63.94	-806.8	1,822.8	185.1	104.2	79.17	2.316		
7,100.0	6,751.3	7,134.3	6,753.6	41.3	42.9	62.91	-806.8	1,817.2	185.5	104.2	79.17	2.316		
7,150.0	6,799.2	7,185.3	6,803.8	41.2	42.8	61.88	-806.9	1,807.9	186.0	104.2	79.17	2.316		
7,200.0	6,846.1	7,236.8	6,853.6	41.1	42.7	60.85	-807.1	1,795.0	186.7	104.2	79.17	2.316		
7,250.0	6,891.6	7,288.7	6,902.8	41.0	42.6	59.82	-807.3	1,778.4	187.4	104.2	79.17	2.316		
7,300.0	6,935.5	7,340.9	6,950.9	40.8	42.5	58.79	-807.5	1,758.1	188.3	104.2	79.17	2.316		
7,350.0	6,977.7	7,393.5	6,997.8	40.7	42.4	57.76	-807.7	1,734.2	189.3	104.2	79.17	2.316		
7,400.0	7,018.0	7,446.6	7,043.1	40.5	42.2	56.73	-808.0	1,706.7	190.3	104.2	79.17	2.316		
7,450.0	7,056.0	7,499.9	7,086.5	40.4	42.1	55.70	-808.4	1,675.7	191.4	104.2	79.17	2.316		
7,500.0	7,091.7	7,553.7	7,127.8	40.3	41.9	54.67	-808.8	1,641.3	192.5	104.2	79.17	2.316		
7,550.0	7,124.9	7,607.8	7,166.6	40.2	41.8	53.64	-809.2	1,603.7	193.5	104.2	79.17	2.316		
7,600.0	7,155.4	7,662.2	7,202.7	40.1	41.7	52.61	-809.6	1,563.0	194.6	104.2	79.17	2.316		
7,650.0	7,183.0	7,716.8	7,235.7	40.0	41.6	51.58	-810.1	1,519.4	195.6	104.2	79.17	2.316		
7,700.0	7,207.7	7,771.8	7,265.5	40.0	41.5	50.55	-810.6	1,473.2	196.5	104.2	79.17	2.316		
7,750.0	7,229.3	7,827.0	7,291.7	40.0	41.5	49.52	-811.1	1,424.6	197.4	104.2	79.17	2.316		
7,800.0	7,247.7	7,882.5	7,314.2	40.0	41.5	48.49	-811.7	1,374.0	198.1	104.2	79.17	2.316		
7,850.0	7,262.7	7,938.1	7,332.7	40.1	41.5	47.46	-812.3	1,321.6	198.7	104.2	79.17	2.316		
7,900.0	7,274.5	7,993.8	7,347.2	40.2	41.6	46.43	-812.9	1,267.8	199.2	104.2	79.17	2.316		
7,950.0	7,282.8	8,049.6	7,357.4	40.3	41.7	45.40	-813.5	1,212.9	199.5	104.2	79.17	2.316		
8,000.0	7,287.6	8,107.1	7,363.3	40.5	41.9	44.37	-814.1	1,155.7	199.7	104.2	79.17	2.316		
8,041.4	7,289.0	8,153.6	7,364.0	40.7	42.1	43.34	-814.6	1,109.3	199.4	104.2	79.17	2.316		
8,041.5	7,289.0	8,153.1	7,364.0	40.7	42.1	42.31	-814.6	1,110.8	199.4	104.2	79.17	2.316		
8,042.6	7,289.0	8,154.2	7,364.0	40.7	42.1	41.28	-814.6	1,109.7	199.4	104.2	79.17	2.316		
8,046.4	7,289.0	8,158.0	7,364.0	40.7	42.1	40.25	-814.6	1,105.9	199.4	104.2	79.17	2.316		
8,100.0	7,289.3	8,211.6	7,364.1	41.0	42.3	39.22	-815.2	1,052.3	199.3	104.2	79.17	2.316		
8,200.0	7,289.7	8,311.6	7,364.2	41.6	42.9	38.19	-816.3	952.3	199.2	104.2	79.17	2.316		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,300.0	7,290.1	8,411.6	7,364.2	42.4	43.6	-111.87	-817.4	852.3	199.0	122.8	76.20	2.612		
8,400.0	7,290.6	8,511.6	7,364.3	43.3	44.5	-111.77	-818.5	752.3	198.9	120.6	78.35	2.539		
8,500.0	7,291.0	8,611.6	7,364.4	44.4	45.5	-111.68	-819.6	652.3	198.8	118.0	80.78	2.461		
8,600.0	7,291.4	8,711.6	7,364.5	45.7	46.7	-111.59	-820.7	552.4	198.7	115.2	83.49	2.380		
8,700.0	7,291.9	8,811.6	7,364.6	47.1	48.1	-111.50	-821.8	452.4	198.5	112.1	86.43	2.297		
8,800.0	7,292.3	8,911.6	7,364.7	48.7	49.6	-111.41	-822.9	352.4	198.4	108.8	89.60	2.215		
8,900.0	7,292.7	9,011.6	7,364.8	50.3	51.2	-111.32	-824.0	252.4	198.3	105.3	92.96	2.133		
9,000.0	7,293.2	9,111.6	7,364.9	52.1	52.9	-111.23	-825.1	152.4	198.2	101.7	96.50	2.054		
9,100.0	7,293.6	9,211.6	7,365.0	54.0	54.7	-111.14	-826.2	52.4	198.1	97.9	100.19	1.977		
9,200.0	7,294.0	9,311.6	7,365.1	55.9	56.7	-111.05	-827.3	-47.6	197.9	93.9	104.04	1.903		
9,300.0	7,294.5	9,411.6	7,365.2	58.0	58.7	-110.96	-828.4	-147.6	197.8	89.8	108.01	1.832		
9,400.0	7,294.9	9,511.6	7,365.3	60.0	60.7	-110.86	-829.5	-247.6	197.7	85.6	112.10	1.764		
9,500.0	7,295.3	9,611.6	7,365.4	62.2	62.9	-110.77	-830.6	-347.6	197.6	81.3	116.29	1.699		
9,600.0	7,295.8	9,711.6	7,365.5	64.4	65.0	-110.68	-831.7	-447.6	197.5	76.9	120.58	1.638		
9,700.0	7,296.2	9,811.6	7,365.6	66.7	67.3	-110.59	-832.8	-547.6	197.4	72.4	124.95	1.580		
9,800.0	7,296.6	9,911.6	7,365.7	69.0	69.6	-110.50	-833.9	-647.6	197.2	67.8	129.40	1.524		
9,900.0	7,297.1	10,011.6	7,365.8	71.3	71.9	-110.40	-835.0	-747.6	197.1	63.2	133.92	1.472	Level 3	
10,000.0	7,297.5	10,111.6	7,365.9	73.7	74.3	-110.31	-836.1	-847.6	197.0	58.5	138.50	1.422	Level 3	
10,100.0	7,297.9	10,211.6	7,366.0	76.1	76.7	-110.22	-837.2	-947.5	196.9	53.8	143.15	1.376	Level 3	
10,200.0	7,298.4	10,311.6	7,366.1	78.5	79.1	-110.13	-838.3	-1,047.5	196.8	48.9	147.84	1.331	Level 3	
10,300.0	7,298.8	10,411.6	7,366.2	81.0	81.5	-110.04	-839.4	-1,147.5	196.7	44.1	152.59	1.289	Level 3	
10,400.0	7,299.2	10,511.6	7,366.3	83.5	84.0	-109.94	-840.5	-1,247.5	196.6	39.2	157.38	1.249	Level 2	
10,500.0	7,299.7	10,611.6	7,366.4	86.0	86.5	-109.85	-841.6	-1,347.5	196.4	34.2	162.22	1.211	Level 2	
10,600.0	7,300.1	10,711.6	7,366.5	88.5	89.0	-109.76	-842.7	-1,447.5	196.3	29.2	167.09	1.175	Level 2	
10,700.0	7,300.5	10,811.6	7,366.6	91.0	91.5	-109.66	-843.8	-1,547.5	196.2	24.2	172.00	1.141	Level 2	
10,800.0	7,301.0	10,911.6	7,366.7	93.6	94.1	-109.57	-844.9	-1,647.5	196.1	19.2	176.94	1.108	Level 2	
10,900.0	7,301.4	11,011.6	7,366.8	96.1	96.7	-109.48	-846.0	-1,747.5	196.0	14.1	181.91	1.077	Level 2	
11,000.0	7,301.8	11,111.6	7,366.8	98.7	99.2	-109.38	-847.1	-1,847.5	195.9	9.0	186.92	1.048	Level 2	
11,100.0	7,302.3	11,211.6	7,366.9	101.3	101.8	-109.29	-848.2	-1,947.5	195.8	3.8	191.94	1.020	Level 2	
11,200.0	7,302.7	11,311.6	7,367.0	103.9	104.4	-109.20	-849.3	-2,047.5	195.7	-1.3	197.00	0.993	Level 1	
11,300.0	7,303.1	11,411.6	7,367.1	106.5	107.0	-109.10	-850.4	-2,147.5	195.6	-6.5	202.08	0.968	Level 1	
11,400.0	7,303.6	11,511.6	7,367.2	109.2	109.7	-109.01	-851.5	-2,247.5	195.5	-11.7	207.18	0.943	Level 1	
11,500.0	7,304.0	11,611.6	7,367.3	111.8	112.3	-108.92	-852.6	-2,347.5	195.4	-16.9	212.30	0.920	Level 1	
11,600.0	7,304.4	11,711.6	7,367.4	114.4	114.9	-108.82	-853.7	-2,447.4	195.2	-22.2	217.45	0.898	Level 1	
11,700.0	7,304.9	11,811.6	7,367.5	117.1	117.6	-108.73	-854.8	-2,547.4	195.1	-27.5	222.61	0.877	Level 1	
11,800.0	7,305.3	11,911.6	7,367.6	119.7	120.2	-108.63	-855.9	-2,647.4	195.0	-32.8	227.79	0.856	Level 1	
11,900.0	7,305.7	12,011.6	7,367.7	122.4	122.9	-108.54	-857.0	-2,747.4	194.9	-38.1	232.99	0.837	Level 1	
12,000.0	7,306.2	12,111.6	7,367.8	125.1	125.6	-108.45	-858.1	-2,847.4	194.8	-43.4	238.20	0.818	Level 1	
12,100.0	7,306.6	12,211.6	7,367.9	127.8	128.2	-108.35	-859.2	-2,947.4	194.7	-48.7	243.43	0.800	Level 1	
12,200.0	7,307.0	12,311.6	7,368.0	130.4	130.9	-108.26	-860.3	-3,047.4	194.6	-54.1	248.68	0.783	Level 1	
12,300.0	7,307.5	12,411.6	7,368.1	133.1	133.6	-108.16	-861.4	-3,147.4	194.5	-59.4	253.94	0.766	Level 1	
12,400.0	7,307.9	12,511.6	7,368.2	135.8	136.3	-108.07	-862.5	-3,247.4	194.4	-64.8	259.21	0.750	Level 1	
12,500.0	7,308.3	12,611.6	7,368.3	138.5	139.0	-107.97	-863.6	-3,347.4	194.3	-70.2	264.50	0.735	Level 1	
12,600.0	7,308.8	12,711.6	7,368.4	141.2	141.7	-107.88	-864.7	-3,447.4	194.2	-75.6	269.80	0.720	Level 1	
12,700.0	7,309.2	12,811.6	7,368.5	143.9	144.4	-107.78	-865.8	-3,547.4	194.1	-81.0	275.11	0.706	Level 1	
12,800.0	7,309.6	12,911.6	7,368.6	146.6	147.1	-107.69	-866.9	-3,647.4	194.0	-86.4	280.44	0.692	Level 1	
12,900.0	7,310.1	13,011.6	7,368.7	149.4	149.8	-107.59	-868.0	-3,747.4	193.9	-91.9	285.77	0.679	Level 1	
13,000.0	7,310.5	13,111.6	7,368.8	152.1	152.5	-107.50	-869.1	-3,847.4	193.8	-97.3	291.12	0.666	Level 1	
13,100.0	7,310.9	13,211.6	7,368.9	154.8	155.3	-107.40	-870.2	-3,947.3	193.7	-102.8	296.47	0.653	Level 1	
13,200.0	7,311.4	13,311.6	7,369.0	157.5	158.0	-107.31	-871.3	-4,047.3	193.6	-108.2	301.84	0.641	Level 1	
13,300.0	7,311.8	13,411.6	7,369.1	160.2	160.7	-107.21	-872.4	-4,147.3	193.5	-113.7	307.22	0.630	Level 1	
13,400.0	7,312.2	13,511.6	7,369.2	163.0	163.4	-107.12	-873.5	-4,247.3	193.4	-119.2	312.60	0.619	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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,500.0	7,312.7	13,611.6	7,369.3	165.7	166.2	-107.02	-874.6	-4,347.3	193.3	-124.7	318.00	0.608	Level 1	
13,600.0	7,313.1	13,711.6	7,369.4	168.4	168.9	-106.92	-875.7	-4,447.3	193.2	-130.2	323.40	0.597	Level 1	
13,700.0	7,313.5	13,811.6	7,369.4	171.2	171.6	-106.83	-876.8	-4,547.3	193.1	-135.7	328.82	0.587	Level 1	
13,800.0	7,314.0	13,911.6	7,369.5	173.9	174.4	-106.73	-877.9	-4,647.3	193.0	-141.2	334.24	0.578	Level 1	
13,900.0	7,314.4	14,011.6	7,369.6	176.7	177.1	-106.64	-879.0	-4,747.3	192.9	-146.7	339.67	0.568	Level 1	
14,000.0	7,314.8	14,111.6	7,369.7	179.4	179.9	-106.54	-880.1	-4,847.3	192.8	-152.3	345.11	0.559	Level 1	
14,100.0	7,315.3	14,211.6	7,369.8	182.1	182.6	-106.44	-881.2	-4,947.3	192.8	-157.8	350.56	0.550	Level 1	
14,200.0	7,315.7	14,311.6	7,369.9	184.9	185.4	-106.35	-882.3	-5,047.3	192.7	-163.3	356.01	0.541	Level 1	
14,300.0	7,316.1	14,411.6	7,370.0	187.6	188.1	-106.25	-883.4	-5,147.3	192.6	-168.9	361.47	0.533	Level 1	
14,400.0	7,316.6	14,511.6	7,370.1	190.4	190.9	-106.15	-884.5	-5,247.3	192.5	-174.5	366.94	0.525	Level 1	
14,500.0	7,317.0	14,611.6	7,370.2	193.2	193.6	-106.06	-885.6	-5,347.3	192.4	-180.0	372.42	0.517	Level 1	
14,600.0	7,317.4	14,711.6	7,370.3	195.9	196.4	-105.96	-886.7	-5,447.2	192.3	-185.6	377.90	0.509	Level 1	
14,700.0	7,317.9	14,811.6	7,370.4	198.7	199.1	-105.86	-887.8	-5,547.2	192.2	-191.2	383.39	0.501	Level 1	
14,800.0	7,318.3	14,911.6	7,370.5	201.4	201.9	-105.77	-888.9	-5,647.2	192.1	-196.8	388.89	0.494	Level 1	
14,900.0	7,318.7	15,011.6	7,370.6	204.2	204.6	-105.67	-890.0	-5,747.2	192.0	-202.4	394.39	0.487	Level 1	
15,000.0	7,319.2	15,111.6	7,370.7	206.9	207.4	-105.57	-891.1	-5,847.2	191.9	-208.0	399.90	0.480	Level 1	
15,100.0	7,319.6	15,211.6	7,370.8	209.7	210.2	-105.47	-892.2	-5,947.2	191.9	-213.6	405.42	0.473	Level 1	
15,200.0	7,320.0	15,311.6	7,370.9	212.5	212.9	-105.38	-893.3	-6,047.2	191.8	-219.2	410.94	0.467	Level 1	
15,300.0	7,320.5	15,411.6	7,371.0	215.2	215.7	-105.28	-894.3	-6,147.2	191.7	-224.8	416.47	0.460	Level 1	
15,400.0	7,320.9	15,511.6	7,371.1	218.0	218.5	-105.18	-895.4	-6,247.2	191.6	-230.4	422.00	0.454	Level 1	
15,500.0	7,321.3	15,611.6	7,371.2	220.8	221.2	-105.08	-896.5	-6,347.2	191.5	-236.0	427.54	0.448	Level 1	
15,600.0	7,321.8	15,711.6	7,371.3	223.5	224.0	-104.99	-897.6	-6,447.2	191.4	-241.7	433.09	0.442	Level 1	
15,700.0	7,322.2	15,811.6	7,371.4	226.3	226.8	-104.89	-898.7	-6,547.2	191.3	-247.3	438.64	0.436	Level 1	
15,800.0	7,322.6	15,911.6	7,371.5	229.1	229.5	-104.79	-899.8	-6,647.2	191.3	-252.9	444.20	0.431	Level 1	
15,900.0	7,323.1	16,011.6	7,371.6	231.8	232.3	-104.69	-900.9	-6,747.2	191.2	-258.6	449.76	0.425	Level 1	
16,000.0	7,323.5	16,111.6	7,371.7	234.6	235.1	-104.60	-902.0	-6,847.2	191.1	-264.2	455.32	0.420	Level 1	
16,100.0	7,323.9	16,211.6	7,371.8	237.4	237.8	-104.50	-903.1	-6,947.1	191.0	-269.9	460.90	0.414	Level 1	
16,200.0	7,324.4	16,311.6	7,371.9	240.2	240.6	-104.40	-904.2	-7,047.1	190.9	-275.5	466.47	0.409	Level 1	
16,300.0	7,324.8	16,411.6	7,372.0	242.9	243.4	-104.30	-905.3	-7,147.1	190.8	-281.2	472.05	0.404	Level 1	
16,400.0	7,325.2	16,511.6	7,372.0	245.7	246.2	-104.20	-906.4	-7,247.1	190.8	-286.9	477.64	0.399	Level 1	
16,500.0	7,325.7	16,611.6	7,372.1	248.5	248.9	-104.10	-907.5	-7,347.1	190.7	-292.5	483.23	0.395	Level 1	
16,600.0	7,326.1	16,711.6	7,372.2	251.3	251.7	-104.01	-908.6	-7,447.1	190.6	-298.2	488.83	0.390	Level 1	
16,700.0	7,326.5	16,811.6	7,372.3	254.0	254.5	-103.91	-909.7	-7,547.1	190.5	-303.9	494.43	0.385	Level 1	
16,800.0	7,327.0	16,911.6	7,372.4	256.8	257.3	-103.81	-910.8	-7,647.1	190.4	-309.6	500.03	0.381	Level 1	
16,900.0	7,327.4	17,011.6	7,372.5	259.6	260.0	-103.71	-911.9	-7,747.1	190.4	-315.3	505.64	0.376	Level 1	
17,000.0	7,327.8	17,111.6	7,372.6	262.4	262.8	-103.61	-913.0	-7,847.1	190.3	-321.0	511.25	0.372	Level 1	
17,100.0	7,328.3	17,211.6	7,372.7	265.2	265.6	-103.51	-914.1	-7,947.1	190.2	-326.7	516.87	0.368	Level 1	
17,200.0	7,328.7	17,311.6	7,372.8	267.9	268.4	-103.41	-915.2	-8,047.1	190.1	-332.4	522.49	0.364	Level 1	
17,300.0	7,329.1	17,411.6	7,372.9	270.7	271.2	-103.31	-916.3	-8,147.1	190.1	-338.1	528.12	0.360	Level 1	
17,400.0	7,329.6	17,511.6	7,373.0	273.5	273.9	-103.21	-917.4	-8,247.1	190.0	-343.8	533.75	0.356	Level 1	
17,500.0	7,330.0	17,611.6	7,373.1	276.3	276.7	-103.11	-918.5	-8,347.1	189.9	-349.5	539.38	0.352	Level 1	
17,600.0	7,330.4	17,711.6	7,373.2	279.1	279.5	-103.02	-919.6	-8,447.0	189.8	-355.2	545.02	0.348	Level 1	
17,700.0	7,330.9	17,811.6	7,373.3	281.8	282.3	-102.92	-920.7	-8,547.0	189.8	-360.9	550.66	0.345	Level 1	
17,800.0	7,331.3	17,911.6	7,373.4	284.6	285.1	-102.82	-921.8	-8,647.0	189.7	-366.6	556.30	0.341	Level 1	
17,900.0	7,331.7	18,011.6	7,373.5	287.4	287.9	-102.72	-922.9	-8,747.0	189.6	-372.3	561.95	0.337	Level 1	
18,000.0	7,332.2	18,111.6	7,373.6	290.2	290.6	-102.62	-924.0	-8,847.0	189.6	-378.0	567.60	0.334	Level 1	
18,100.0	7,332.6	18,211.5	7,373.7	293.0	293.4	-102.52	-925.1	-8,947.0	189.5	-383.8	573.26	0.331	Level 1	
18,200.0	7,333.0	18,311.5	7,373.8	295.8	296.2	-102.42	-926.2	-9,047.0	189.4	-389.5	578.91	0.327	Level 1	
18,300.0	7,333.5	18,411.5	7,373.9	298.6	299.0	-102.32	-927.3	-9,147.0	189.3	-395.2	584.57	0.324	Level 1	
18,400.0	7,333.9	18,511.5	7,374.0	301.3	301.8	-102.22	-928.4	-9,247.0	189.3	-401.0	590.24	0.321	Level 1	
18,419.3	7,334.0	18,530.8	7,374.0	301.9	302.3	-102.20	-928.6	-9,266.3	189.3	-402.1	591.33	0.320	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.47	-29.9	-0.3	29.9					
100.0	100.0	100.0	100.0	0.1	0.1	-179.47	-29.9	-0.3	29.9	29.7	0.22	132.937		
200.0	200.0	200.0	200.0	0.3	0.3	-179.47	-29.9	-0.3	29.9	29.2	0.67	44.312 CC		
300.0	300.0	299.6	299.6	0.6	0.5	178.35	-30.5	0.9	30.5	29.4	1.11	27.551		
400.0	400.0	399.1	399.0	0.8	0.8	172.35	-32.3	4.3	32.6	31.0	1.54	21.116		
500.0	500.0	498.4	498.1	1.0	1.0	56.85	-35.2	10.1	36.0	34.0	1.98	18.199		
600.0	599.9	597.6	596.9	1.2	1.2	51.79	-39.4	18.1	40.0	37.6	2.42	16.560		
700.0	699.7	696.6	695.2	1.4	1.5	48.05	-44.7	28.4	44.6	41.7	2.88	15.468		
800.0	799.3	795.5	793.1	1.7	1.8	45.36	-51.1	40.9	49.5	46.1	3.37	14.688		
900.0	898.6	894.3	890.5	1.9	2.2	43.49	-58.8	55.6	54.8	50.9	3.89	14.086		
1,000.0	997.5	992.9	987.2	2.2	2.6	42.23	-67.5	72.6	60.3	55.8	4.44	13.587		
1,100.0	1,096.1	1,091.4	1,083.3	2.6	3.0	41.46	-77.4	91.7	66.0	61.0	5.02	13.144		
1,200.0	1,194.2	1,189.7	1,178.7	3.0	3.5	41.06	-88.4	113.0	71.9	66.3	5.65	12.732		
1,300.0	1,291.7	1,287.9	1,273.3	3.4	4.1	40.95	-100.5	136.4	78.0	71.7	6.33	12.332		
1,400.0	1,388.6	1,386.0	1,367.0	3.9	4.6	41.06	-113.7	162.0	84.3	77.2	7.06	11.940		
1,500.0	1,484.9	1,483.9	1,459.8	4.4	5.3	41.35	-128.0	189.6	90.8	82.9	7.86	11.545		
1,600.0	1,580.4	1,581.6	1,551.7	5.0	5.9	41.78	-143.3	219.3	97.4	88.7	8.74	11.149		
1,700.0	1,675.0	1,679.3	1,642.6	5.6	6.7	42.32	-159.7	251.0	104.3	94.6	9.70	10.753		
1,800.0	1,768.9	1,776.8	1,732.4	6.3	7.5	42.94	-177.1	284.8	111.3	100.5	10.74	10.360		
1,890.9	1,853.3	1,866.5	1,814.3	7.0	8.2	43.68	-194.0	317.3	117.5	105.7	11.79	9.970		
1,900.0	1,861.7	1,875.6	1,822.6	7.1	8.3	43.79	-195.7	320.6	118.1	106.2	11.90	9.922		
2,000.0	1,954.2	1,975.4	1,913.6	7.8	9.2	44.91	-214.4	357.0	124.3	111.1	13.17	9.440		
2,100.0	2,046.7	2,075.2	2,004.6	8.6	10.0	45.92	-233.2	393.3	130.6	116.1	14.47	9.022		
2,200.0	2,139.2	2,175.0	2,095.7	9.4	10.9	46.85	-252.0	429.6	136.9	121.0	15.80	8.660		
2,300.0	2,231.7	2,274.7	2,186.7	10.2	11.8	47.69	-270.8	465.9	143.2	126.0	17.16	8.343		
2,400.0	2,324.1	2,374.5	2,277.7	11.0	12.6	48.46	-289.5	502.3	149.5	131.0	18.54	8.066		
2,500.0	2,416.6	2,474.3	2,368.7	11.8	13.5	49.16	-308.3	538.6	155.9	136.0	19.93	7.821		
2,600.0	2,509.1	2,574.1	2,459.7	12.6	14.4	49.81	-327.1	574.9	162.3	141.0	21.34	7.605		
2,700.0	2,601.6	2,673.9	2,550.7	13.4	15.3	50.41	-345.8	611.3	168.7	146.0	22.76	7.411		
2,800.0	2,694.1	2,773.6	2,641.7	14.2	16.1	50.97	-364.6	647.6	175.1	151.0	24.20	7.238		
2,900.0	2,786.5	2,873.4	2,732.8	15.1	17.0	51.49	-383.4	683.9	181.6	156.0	25.64	7.083		
3,000.0	2,879.0	2,973.2	2,823.8	15.9	17.9	51.97	-402.1	720.3	188.1	161.0	27.09	6.942		
3,100.0	2,971.5	3,073.0	2,914.8	16.7	18.8	52.42	-420.9	756.6	194.5	166.0	28.55	6.815		
3,200.0	3,064.0	3,172.8	3,005.8	17.5	19.7	52.84	-439.7	792.9	201.0	171.0	30.01	6.699		
3,300.0	3,156.5	3,272.5	3,096.8	18.3	20.6	53.24	-458.4	829.2	207.5	176.0	31.48	6.593		
3,400.0	3,248.9	3,372.3	3,187.8	19.1	21.4	53.61	-477.2	865.6	214.0	181.1	32.95	6.495		
3,500.0	3,341.4	3,472.1	3,278.9	20.0	22.3	53.95	-496.0	901.9	220.5	186.1	34.43	6.406		
3,600.0	3,433.9	3,571.9	3,369.9	20.8	23.2	54.28	-514.8	938.2	227.1	191.1	35.91	6.323		
3,700.0	3,526.4	3,671.7	3,460.9	21.6	24.1	54.59	-533.5	974.6	233.6	196.2	37.40	6.246		
3,800.0	3,618.9	3,771.4	3,551.9	22.4	25.0	54.89	-552.3	1,010.9	240.1	201.2	38.88	6.175		
3,900.0	3,711.3	3,871.2	3,642.9	23.2	25.9	55.17	-571.1	1,047.2	246.7	206.3	40.37	6.109		
4,000.0	3,803.8	3,971.0	3,733.9	24.1	26.8	55.43	-589.8	1,083.5	253.2	211.3	41.87	6.048		
4,100.0	3,896.3	4,070.8	3,824.9	24.9	27.6	55.68	-608.6	1,119.9	259.8	216.4	43.36	5.990		
4,200.0	3,988.8	4,170.5	3,916.0	25.7	28.5	55.92	-627.4	1,156.2	266.3	221.5	44.86	5.936		
4,300.0	4,081.3	4,270.3	4,007.0	26.5	29.4	56.14	-646.1	1,192.5	272.9	226.5	46.36	5.886		
4,400.0	4,173.7	4,370.1	4,098.0	27.3	30.3	56.36	-664.9	1,228.9	279.4	231.6	47.86	5.838		
4,500.0	4,266.2	4,469.9	4,189.0	28.2	31.2	56.57	-683.7	1,265.2	286.0	236.6	49.37	5.794		
4,600.0	4,358.7	4,569.7	4,280.0	29.0	32.1	56.76	-702.5	1,301.5	292.6	241.7	50.87	5.752		
4,700.0	4,451.2	4,669.4	4,371.0	29.8	33.0	56.95	-721.2	1,337.9	299.2	246.8	52.38	5.712		
4,800.0	4,543.6	4,769.2	4,462.0	30.6	33.9	57.13	-740.0	1,374.2	305.7	251.9	53.88	5.674		
4,900.0	4,636.1	4,869.0	4,553.1	31.5	34.7	57.30	-758.8	1,410.5	312.3	256.9	55.39	5.638		
5,000.0	4,728.6	4,968.8	4,644.1	32.3	35.6	57.47	-777.5	1,446.8	318.9	262.0	56.90	5.605		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,821.1	5,068.6	4,735.1	33.1	36.5	57.63	-796.3	1,483.2	325.5	267.1	58.41	5.572		
5,200.0	4,913.6	5,168.3	4,826.1	33.9	37.4	57.78	-815.1	1,519.5	332.1	272.2	59.92	5.542		
5,300.0	5,006.0	5,268.1	4,917.1	34.7	38.3	57.93	-833.8	1,555.8	338.7	277.2	61.43	5.513		
5,400.0	5,098.5	5,367.9	5,008.1	35.6	39.2	58.07	-852.6	1,592.2	345.3	282.3	62.95	5.485		
5,500.0	5,191.0	5,474.5	5,105.9	36.4	40.0	58.38	-872.1	1,629.9	351.1	286.6	64.49	5.444		
5,600.0	5,283.5	5,582.7	5,206.7	37.2	40.6	59.18	-890.2	1,664.9	354.6	288.3	66.27	5.351		
5,628.7	5,310.0	5,613.7	5,235.8	37.5	40.8	59.51	-895.1	1,674.3	355.2	288.3	66.83	5.315		
5,700.0	5,376.3	5,690.7	5,308.7	38.0	41.3	60.37	-906.5	1,696.5	356.3	288.1	68.14	5.229		
5,800.0	5,470.3	5,798.6	5,411.8	38.5	41.8	61.56	-921.0	1,724.6	357.5	287.7	69.82	5.120		
5,900.0	5,565.4	5,906.3	5,515.8	39.1	42.3	62.73	-933.7	1,749.2	358.2	286.9	71.37	5.019		
6,000.0	5,661.6	6,013.7	5,620.7	39.5	42.7	63.88	-944.6	1,770.2	358.5	285.7	72.79	4.925		
6,100.0	5,758.6	6,121.0	5,726.1	39.9	43.0	65.01	-953.7	1,787.8	358.4	284.3	74.09	4.837		
6,200.0	5,856.5	6,228.0	5,831.9	40.3	43.3	66.12	-960.9	1,801.7	357.7	282.5	75.27	4.753		
6,300.0	5,955.0	6,334.8	5,938.1	40.6	43.5	67.23	-966.3	1,812.2	356.7	280.4	76.33	4.673		
6,400.0	6,054.0	6,441.3	6,044.3	40.9	43.7	68.32	-969.8	1,819.1	355.2	277.9	77.27	4.596		
6,500.0	6,153.5	6,547.6	6,150.5	41.1	43.8	69.41	-971.6	1,822.4	353.2	275.1	78.10	4.522		
6,600.0	6,253.2	6,650.3	6,253.2	41.2	43.9	70.39	-971.8	1,822.8	351.0	272.2	78.78	4.456		
6,700.0	6,353.1	6,750.2	6,353.1	41.3	43.9	70.89	-971.8	1,822.8	349.9	270.7	79.17	4.419		
6,746.9	6,400.0	6,797.1	6,400.0	41.3	43.9	179.80	-971.8	1,822.8	349.8	301.2	48.59	7.198		
6,800.0	6,453.1	6,850.2	6,453.1	41.4	44.0	179.80	-971.8	1,822.8	349.8	301.1	48.71	7.181		
6,813.1	6,466.3	6,863.4	6,466.3	41.4	44.0	179.80	-971.8	1,822.8	349.8	301.0	48.74	7.177		
6,900.0	6,553.1	6,950.0	6,552.8	41.5	44.0	-179.79	-971.8	1,820.3	349.8	301.2	48.61	7.196		
6,919.9	6,573.1	6,969.5	6,572.3	41.5	44.0	-179.48	-971.8	1,818.4	349.8	301.4	48.41	7.226		
6,950.0	6,603.1	6,999.1	6,601.6	41.5	44.0	-88.31	-971.9	1,814.6	349.9	269.9	80.02	4.373		
7,000.0	6,653.0	7,047.9	6,649.5	41.5	43.9	-87.42	-972.0	1,805.5	350.1	269.8	80.34	4.358		
7,050.0	6,702.4	7,096.3	6,696.4	41.4	43.8	-86.55	-972.1	1,793.3	350.4	269.9	80.56	4.350		
7,100.0	6,751.3	7,144.5	6,742.1	41.3	43.7	-85.70	-972.3	1,778.1	350.8	270.1	80.69	4.347		
7,150.0	6,799.2	7,192.3	6,786.3	41.2	43.6	-84.87	-972.5	1,760.0	351.2	270.5	80.73	4.350		
7,200.0	6,846.1	7,239.8	6,828.9	41.1	43.5	-84.07	-972.7	1,739.2	351.7	271.0	80.69	4.358		
7,250.0	6,891.6	7,287.0	6,869.9	41.0	43.4	-83.30	-973.0	1,715.7	352.2	271.6	80.57	4.371		
7,300.0	6,935.5	7,333.9	6,909.0	40.8	43.2	-82.57	-973.2	1,689.7	352.8	272.4	80.39	4.388		
7,350.0	6,977.7	7,380.6	6,946.0	40.7	43.1	-81.88	-973.6	1,661.3	353.3	273.2	80.15	4.408		
7,400.0	7,018.0	7,427.1	6,981.0	40.5	43.0	-81.22	-973.9	1,630.8	353.9	274.1	79.87	4.432		
7,450.0	7,056.0	7,473.3	7,013.8	40.4	42.9	-80.61	-974.3	1,598.2	354.5	275.0	79.54	4.457		
7,500.0	7,091.7	7,519.3	7,044.3	40.3	42.8	-80.04	-974.6	1,563.7	355.1	276.0	79.19	4.485		
7,550.0	7,124.9	7,565.2	7,072.4	40.2	42.7	-79.51	-975.0	1,527.5	355.7	276.9	78.84	4.512		
7,600.0	7,155.4	7,610.8	7,098.1	40.1	42.6	-79.04	-975.5	1,489.8	356.3	277.8	78.48	4.540		
7,650.0	7,183.0	7,656.4	7,121.2	40.0	42.5	-78.61	-975.9	1,450.5	356.8	278.7	78.14	4.566		
7,700.0	7,207.7	7,700.0	7,140.9	40.0	42.5	-78.25	-976.3	1,411.6	357.3	279.4	77.83	4.590		
7,750.0	7,229.3	7,747.0	7,159.5	40.0	42.5	-77.92	-976.8	1,368.4	357.7	280.1	77.57	4.611		
7,800.0	7,247.7	7,792.2	7,174.7	40.0	42.5	-77.65	-977.3	1,325.9	358.1	280.7	77.36	4.628		
7,850.0	7,262.7	7,837.3	7,187.1	40.1	42.6	-77.43	-977.7	1,282.5	358.3	281.1	77.22	4.640		
7,900.0	7,274.5	7,882.4	7,196.8	40.2	42.6	-77.27	-978.2	1,238.6	358.6	281.4	77.15	4.647		
7,950.0	7,282.8	7,927.4	7,203.7	40.3	42.7	-77.17	-978.7	1,194.1	358.7	281.6	77.16	4.649		
8,000.0	7,287.6	7,972.4	7,207.8	40.5	42.8	-77.12	-979.2	1,149.3	358.8	281.5	77.25	4.644		
8,041.4	7,289.0	8,009.6	7,209.0	40.7	42.9	-77.11	-979.6	1,112.1	358.8	281.4	77.39	4.636		
8,041.5	7,289.0	8,009.7	7,209.0	40.7	42.9	-77.11	-979.6	1,112.0	358.8	281.4	77.39	4.636		
8,042.6	7,289.0	8,010.7	7,209.0	40.7	42.9	-77.12	-979.6	1,111.0	358.8	281.4	77.40	4.635		
8,100.0	7,289.3	8,068.1	7,209.3	41.0	43.1	-77.13	-980.3	1,053.6	358.8	280.6	78.16	4.590		
8,200.0	7,289.7	8,168.1	7,209.9	41.6	43.6	-77.15	-981.4	953.6	358.7	279.0	79.72	4.500		
8,300.0	7,290.1	8,268.1	7,210.5	42.4	44.2	-77.17	-982.5	853.6	358.7	277.1	81.61	4.396		
8,400.0	7,290.6	8,368.1	7,211.1	43.3	45.0	-77.20	-983.6	753.6	358.7	274.9	83.81	4.279		

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 V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.0	7,291.0	8,468.1	7,211.6	44.4	46.0	-77.22	-984.7	653.6	358.6	272.3	86.32	4.155		
8,600.0	7,291.4	8,568.1	7,212.2	45.7	47.1	-77.24	-985.8	553.6	358.6	269.5	89.09	4.026		
8,700.0	7,291.9	8,668.1	7,212.8	47.1	48.4	-77.26	-986.8	453.6	358.6	266.5	92.10	3.893		
8,800.0	7,292.3	8,768.1	7,213.4	48.7	49.8	-77.29	-987.9	353.7	358.6	263.2	95.34	3.761		
8,900.0	7,292.7	8,868.1	7,213.9	50.3	51.3	-77.31	-989.0	253.7	358.5	259.8	98.77	3.630		
9,000.0	7,293.2	8,968.1	7,214.5	52.1	53.0	-77.33	-990.1	153.7	358.5	256.1	102.39	3.501		
9,100.0	7,293.6	9,068.1	7,215.1	54.0	54.7	-77.35	-991.2	53.7	358.5	252.3	106.17	3.377		
9,200.0	7,294.0	9,168.1	7,215.7	55.9	56.6	-77.38	-992.3	-46.3	358.4	248.4	110.09	3.256		
9,300.0	7,294.5	9,268.1	7,216.3	58.0	58.6	-77.40	-993.4	-146.3	358.4	244.3	114.14	3.140		
9,400.0	7,294.9	9,368.1	7,216.8	60.0	60.6	-77.42	-994.5	-246.3	358.4	240.1	118.31	3.029		
9,500.0	7,295.3	9,468.1	7,217.4	62.2	62.7	-77.44	-995.6	-346.3	358.4	235.8	122.59	2.923		
9,600.0	7,295.8	9,568.1	7,218.0	64.4	64.9	-77.47	-996.7	-446.3	358.3	231.4	126.96	2.822		
9,700.0	7,296.2	9,668.1	7,218.6	66.7	67.1	-77.49	-997.8	-546.3	358.3	226.9	131.42	2.726		
9,800.0	7,296.6	9,768.1	7,219.1	69.0	69.4	-77.51	-998.9	-646.3	358.3	222.3	135.95	2.635		
9,900.0	7,297.1	9,868.1	7,219.7	71.3	71.7	-77.53	-1,000.0	-746.3	358.2	217.7	140.55	2.549		
10,000.0	7,297.5	9,968.1	7,220.3	73.7	74.1	-77.56	-1,001.1	-846.3	358.2	213.0	145.22	2.467		
10,100.0	7,297.9	10,068.1	7,220.9	76.1	76.5	-77.58	-1,002.2	-946.2	358.2	208.2	149.94	2.389		
10,200.0	7,298.4	10,168.1	7,221.5	78.5	78.9	-77.60	-1,003.3	-1,046.2	358.1	203.4	154.72	2.315		
10,300.0	7,298.8	10,268.1	7,222.0	81.0	81.3	-77.62	-1,004.4	-1,146.2	358.1	198.6	159.54	2.245		
10,400.0	7,299.2	10,368.1	7,222.6	83.5	83.8	-77.65	-1,005.5	-1,246.2	358.1	193.7	164.41	2.178		
10,500.0	7,299.7	10,468.1	7,223.2	86.0	86.3	-77.67	-1,006.6	-1,346.2	358.1	188.7	169.32	2.115		
10,600.0	7,300.1	10,568.1	7,223.8	88.5	88.8	-77.69	-1,007.7	-1,446.2	358.0	183.8	174.26	2.055		
10,700.0	7,300.5	10,668.1	7,224.3	91.0	91.3	-77.71	-1,008.8	-1,546.2	358.0	178.8	179.24	1.997		
10,800.0	7,301.0	10,768.1	7,224.9	93.6	93.9	-77.74	-1,009.9	-1,646.2	358.0	173.7	184.25	1.943		
10,900.0	7,301.4	10,868.1	7,225.5	96.1	96.4	-77.76	-1,011.0	-1,746.2	357.9	168.7	189.29	1.891		
11,000.0	7,301.8	10,968.1	7,226.1	98.7	99.0	-77.78	-1,012.1	-1,846.2	357.9	163.6	194.35	1.842		
11,100.0	7,302.3	11,068.1	7,226.7	101.3	101.6	-77.80	-1,013.2	-1,946.2	357.9	158.5	199.44	1.794		
11,200.0	7,302.7	11,168.1	7,227.2	103.9	104.2	-77.83	-1,014.3	-2,046.2	357.9	153.3	204.55	1.750		
11,300.0	7,303.1	11,268.1	7,227.8	106.5	106.8	-77.85	-1,015.4	-2,146.2	357.8	148.2	209.68	1.707		
11,400.0	7,303.6	11,368.1	7,228.4	109.2	109.4	-77.87	-1,016.5	-2,246.1	357.8	143.0	214.83	1.665		
11,500.0	7,304.0	11,468.1	7,229.0	111.8	112.1	-77.89	-1,017.6	-2,346.1	357.8	137.8	220.00	1.626		
11,600.0	7,304.4	11,568.1	7,229.5	114.4	114.7	-77.92	-1,018.7	-2,446.1	357.7	132.6	225.19	1.589		
11,700.0	7,304.9	11,668.1	7,230.1	117.1	117.4	-77.94	-1,019.8	-2,546.1	357.7	127.3	230.39	1.553		
11,800.0	7,305.3	11,768.1	7,230.7	119.7	120.0	-77.96	-1,020.9	-2,646.1	357.7	122.1	235.61	1.518		
11,900.0	7,305.7	11,868.1	7,231.3	122.4	122.7	-77.98	-1,022.0	-2,746.1	357.7	116.8	240.84	1.485 Level 3		
12,000.0	7,306.2	11,968.1	7,231.8	125.1	125.3	-78.01	-1,023.1	-2,846.1	357.6	111.5	246.09	1.453 Level 3		
12,100.0	7,306.6	12,068.1	7,232.4	127.8	128.0	-78.03	-1,024.2	-2,946.1	357.6	106.3	251.35	1.423 Level 3		
12,200.0	7,307.0	12,168.1	7,233.0	130.4	130.7	-78.05	-1,025.3	-3,046.1	357.6	101.0	256.62	1.393 Level 3		
12,300.0	7,307.5	12,268.1	7,233.6	133.1	133.4	-78.07	-1,026.4	-3,146.1	357.5	95.7	261.90	1.365 Level 3		
12,400.0	7,307.9	12,368.1	7,234.2	135.8	136.1	-78.10	-1,027.5	-3,246.1	357.5	90.3	267.19	1.338 Level 3		
12,500.0	7,308.3	12,468.1	7,234.7	138.5	138.8	-78.12	-1,028.6	-3,346.1	357.5	85.0	272.49	1.312 Level 3		
12,600.0	7,308.8	12,568.1	7,235.3	141.2	141.5	-78.14	-1,029.7	-3,446.1	357.5	79.7	277.80	1.287 Level 3		
12,700.0	7,309.2	12,668.1	7,235.9	143.9	144.2	-78.16	-1,030.8	-3,546.0	357.4	74.3	283.12	1.262 Level 3		
12,800.0	7,309.6	12,768.1	7,236.5	146.6	146.9	-78.19	-1,031.9	-3,646.0	357.4	69.0	288.45	1.239 Level 2		
12,900.0	7,310.1	12,868.1	7,237.0	149.4	149.6	-78.21	-1,033.0	-3,746.0	357.4	63.6	293.79	1.216 Level 2		
13,000.0	7,310.5	12,968.1	7,237.6	152.1	152.3	-78.23	-1,034.1	-3,846.0	357.4	58.2	299.13	1.195 Level 2		
13,100.0	7,310.9	13,068.1	7,238.2	154.8	155.0	-78.25	-1,035.2	-3,946.0	357.3	52.8	304.48	1.174 Level 2		
13,200.0	7,311.4	13,168.1	7,238.8	157.5	157.8	-78.28	-1,036.3	-4,046.0	357.3	47.5	309.84	1.153 Level 2		
13,300.0	7,311.8	13,268.1	7,239.4	160.2	160.5	-78.30	-1,037.4	-4,146.0	357.3	42.1	315.21	1.133 Level 2		
13,400.0	7,312.2	13,368.1	7,239.9	163.0	163.2	-78.32	-1,038.5	-4,246.0	357.2	36.7	320.58	1.114 Level 2		
13,500.0	7,312.7	13,468.1	7,240.5	165.7	166.0	-78.35	-1,039.6	-4,346.0	357.2	31.3	325.96	1.096 Level 2		
13,600.0	7,313.1	13,568.1	7,241.1	168.4	168.7	-78.37	-1,040.7	-4,446.0	357.2	25.9	331.34	1.078 Level 2		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.0	7,313.5	13,668.1	7,241.7	171.2	171.4	-78.39	-1,041.8	-4,546.0	357.2	20.4	336.73	1.061 Level 2		
13,800.0	7,314.0	13,768.1	7,242.2	173.9	174.2	-78.41	-1,042.9	-4,646.0	357.1	15.0	342.12	1.044 Level 2		
13,900.0	7,314.4	13,868.1	7,242.8	176.7	176.9	-78.44	-1,044.0	-4,746.0	357.1	9.6	347.52	1.028 Level 2		
14,000.0	7,314.8	13,968.1	7,243.4	179.4	179.6	-78.46	-1,045.1	-4,845.9	357.1	4.2	352.93	1.012 Level 2		
14,100.0	7,315.3	14,068.1	7,244.0	182.1	182.4	-78.48	-1,046.2	-4,945.9	357.1	-1.3	358.34	0.996 Level 1		
14,200.0	7,315.7	14,168.1	7,244.5	184.9	185.1	-78.50	-1,047.2	-5,045.9	357.0	-6.7	363.75	0.982 Level 1		
14,300.0	7,316.1	14,268.1	7,245.1	187.6	187.9	-78.53	-1,048.3	-5,145.9	357.0	-12.2	369.17	0.967 Level 1		
14,400.0	7,316.6	14,368.1	7,245.7	190.4	190.6	-78.55	-1,049.4	-5,245.9	357.0	-17.6	374.59	0.953 Level 1		
14,500.0	7,317.0	14,468.1	7,246.3	193.2	193.4	-78.57	-1,050.5	-5,345.9	357.0	-23.1	380.02	0.939 Level 1		
14,600.0	7,317.4	14,568.1	7,246.9	195.9	196.1	-78.59	-1,051.6	-5,445.9	356.9	-28.5	385.45	0.926 Level 1		
14,700.0	7,317.9	14,668.1	7,247.4	198.7	198.9	-78.62	-1,052.7	-5,545.9	356.9	-34.0	390.88	0.913 Level 1		
14,800.0	7,318.3	14,768.1	7,248.0	201.4	201.7	-78.64	-1,053.8	-5,645.9	356.9	-39.4	396.32	0.900 Level 1		
14,900.0	7,318.7	14,868.1	7,248.6	204.2	204.4	-78.66	-1,054.9	-5,745.9	356.8	-44.9	401.76	0.888 Level 1		
15,000.0	7,319.2	14,968.1	7,249.2	206.9	207.2	-78.69	-1,056.0	-5,845.9	356.8	-50.4	407.21	0.876 Level 1		
15,100.0	7,319.6	15,068.1	7,249.7	209.7	209.9	-78.71	-1,057.1	-5,945.9	356.8	-55.9	412.66	0.865 Level 1		
15,200.0	7,320.0	15,168.1	7,250.3	212.5	212.7	-78.73	-1,058.2	-6,045.8	356.8	-61.3	418.11	0.853 Level 1		
15,300.0	7,320.5	15,268.1	7,250.9	215.2	215.5	-78.75	-1,059.3	-6,145.8	356.7	-66.8	423.56	0.842 Level 1		
15,400.0	7,320.9	15,368.1	7,251.5	218.0	218.2	-78.78	-1,060.4	-6,245.8	356.7	-72.3	429.02	0.831 Level 1		
15,500.0	7,321.3	15,468.1	7,252.1	220.8	221.0	-78.80	-1,061.5	-6,345.8	356.7	-77.8	434.48	0.821 Level 1		
15,600.0	7,321.8	15,568.1	7,252.6	223.5	223.8	-78.82	-1,062.6	-6,445.8	356.7	-83.3	439.95	0.811 Level 1		
15,700.0	7,322.2	15,668.1	7,253.2	226.3	226.5	-78.84	-1,063.7	-6,545.8	356.6	-88.8	445.41	0.801 Level 1		
15,800.0	7,322.6	15,768.1	7,253.8	229.1	229.3	-78.87	-1,064.8	-6,645.8	356.6	-94.3	450.88	0.791 Level 1		
15,900.0	7,323.1	15,868.1	7,254.4	231.8	232.1	-78.89	-1,065.9	-6,745.8	356.6	-99.8	456.35	0.781 Level 1		
16,000.0	7,323.5	15,968.1	7,254.9	234.6	234.8	-78.91	-1,067.0	-6,845.8	356.6	-105.3	461.83	0.772 Level 1		
16,100.0	7,323.9	16,068.1	7,255.5	237.4	237.6	-78.93	-1,068.1	-6,945.8	356.5	-110.8	467.31	0.763 Level 1		
16,200.0	7,324.4	16,168.1	7,256.1	240.2	240.4	-78.96	-1,069.2	-7,045.8	356.5	-116.3	472.79	0.754 Level 1		
16,300.0	7,324.8	16,268.1	7,256.7	242.9	243.2	-78.98	-1,070.3	-7,145.8	356.5	-121.8	478.27	0.745 Level 1		
16,400.0	7,325.2	16,368.1	7,257.2	245.7	245.9	-79.00	-1,071.4	-7,245.8	356.5	-127.3	483.75	0.737 Level 1		
16,500.0	7,325.7	16,468.1	7,257.8	248.5	248.7	-79.03	-1,072.5	-7,345.7	356.4	-132.8	489.24	0.729 Level 1		
16,600.0	7,326.1	16,568.1	7,258.4	251.3	251.5	-79.05	-1,073.6	-7,445.7	356.4	-138.3	494.73	0.720 Level 1		
16,700.0	7,326.5	16,668.1	7,259.0	254.0	254.3	-79.07	-1,074.7	-7,545.7	356.4	-143.8	500.22	0.712 Level 1		
16,800.0	7,327.0	16,768.1	7,259.6	256.8	257.0	-79.09	-1,075.8	-7,645.7	356.4	-149.4	505.71	0.705 Level 1		
16,900.0	7,327.4	16,868.1	7,260.1	259.6	259.8	-79.12	-1,076.9	-7,745.7	356.3	-154.9	511.21	0.697 Level 1		
17,000.0	7,327.8	16,968.1	7,260.7	262.4	262.6	-79.14	-1,078.0	-7,845.7	356.3	-160.4	516.71	0.690 Level 1		
17,100.0	7,328.3	17,068.1	7,261.3	265.2	265.4	-79.16	-1,079.1	-7,945.7	356.3	-165.9	522.21	0.682 Level 1		
17,200.0	7,328.7	17,168.1	7,261.9	267.9	268.2	-79.19	-1,080.2	-8,045.7	356.3	-171.5	527.71	0.675 Level 1		
17,300.0	7,329.1	17,268.1	7,262.4	270.7	270.9	-79.21	-1,081.3	-8,145.7	356.2	-177.0	533.21	0.668 Level 1		
17,400.0	7,329.6	17,368.1	7,263.0	273.5	273.7	-79.23	-1,082.4	-8,245.7	356.2	-182.5	538.72	0.661 Level 1		
17,500.0	7,330.0	17,468.1	7,263.6	276.3	276.5	-79.25	-1,083.5	-8,345.7	356.2	-188.0	544.22	0.654 Level 1		
17,600.0	7,330.4	17,568.1	7,264.2	279.1	279.3	-79.28	-1,084.6	-8,445.7	356.2	-193.6	549.73	0.648 Level 1		
17,700.0	7,330.9	17,668.1	7,264.8	281.8	282.1	-79.30	-1,085.7	-8,545.7	356.1	-199.1	555.24	0.641 Level 1		
17,800.0	7,331.3	17,768.1	7,265.3	284.6	284.9	-79.32	-1,086.8	-8,645.6	356.1	-204.7	560.75	0.635 Level 1		
17,900.0	7,331.7	17,868.1	7,265.9	287.4	287.6	-79.34	-1,087.9	-8,745.6	356.1	-210.2	566.27	0.629 Level 1		
18,000.0	7,332.2	17,968.1	7,266.5	290.2	290.4	-79.37	-1,089.0	-8,845.6	356.1	-215.7	571.78	0.623 Level 1		
18,100.0	7,332.6	18,068.1	7,267.1	293.0	293.2	-79.39	-1,090.1	-8,945.6	356.0	-221.3	577.30	0.617 Level 1		
18,200.0	7,333.0	18,168.1	7,267.6	295.8	296.0	-79.41	-1,091.2	-9,045.6	356.0	-226.8	582.82	0.611 Level 1		
18,300.0	7,333.5	18,268.1	7,268.2	298.6	298.8	-79.44	-1,092.3	-9,145.6	356.0	-232.4	588.34	0.605 Level 1		
18,400.0	7,333.9	18,368.1	7,268.8	301.3	301.6	-79.46	-1,093.4	-9,245.6	356.0	-237.9	593.86	0.599 Level 1		
18,419.3	7,334.0	18,387.4	7,268.9	301.9	302.1	-79.46	-1,093.6	-9,264.9	356.0	-239.0	594.93	0.598 Level 1, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 917-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	-98.44	-79.4	-535.0	540.9					
100.0	100.0	94.5	94.5	0.1	0.1	-98.44	-79.4	-535.0	540.8	540.6	0.22	2,468.480		
200.0	200.0	195.1	195.1	0.3	0.2	-98.43	-79.2	-534.9	540.7	540.1	0.56	970.402		
300.0	300.0	295.7	295.7	0.6	0.3	-98.41	-79.0	-534.6	540.4	539.5	0.90	603.655		
400.0	400.0	396.3	396.3	0.8	0.4	-98.38	-78.7	-534.3	540.1	538.8	1.23	437.885		
418.9	418.9	415.3	415.3	0.8	0.5	152.78	-78.6	-534.2	540.0	538.7	1.29	417.628		
500.0	500.0	496.8	496.8	1.0	0.6	152.87	-78.2	-533.9	540.8	539.2	1.55	347.812		
600.0	599.9	597.3	597.3	1.2	0.7	153.08	-77.7	-533.4	543.7	541.8	1.87	290.226		
700.0	699.7	697.7	697.7	1.4	0.8	153.42	-77.1	-532.8	548.8	546.6	2.21	248.871		
800.0	799.3	797.9	797.9	1.7	0.9	153.85	-76.4	-532.1	556.3	553.7	2.55	218.121		
900.0	898.6	897.9	897.8	1.9	1.0	154.39	-75.6	-531.3	566.0	563.1	2.91	194.577		
1,000.0	997.5	996.7	996.6	2.2	1.2	154.97	-75.0	-530.4	578.1	574.7	3.34	173.121		
1,100.0	1,096.1	1,090.0	1,090.0	2.6	1.4	155.53	-75.0	-530.0	593.0	589.2	3.77	157.129		
1,200.0	1,194.2	1,187.3	1,187.3	3.0	1.6	156.14	-75.3	-530.1	611.0	606.8	4.24	144.219		
1,300.0	1,291.7	1,284.2	1,284.2	3.4	1.8	156.79	-75.6	-530.2	631.5	626.8	4.71	134.002		
1,400.0	1,388.6	1,381.9	1,381.9	3.9	2.0	157.48	-76.0	-530.4	654.4	649.2	5.20	125.972		
1,500.0	1,484.9	1,478.3	1,478.2	4.4	2.2	158.16	-76.5	-530.5	679.8	674.1	5.69	119.446		
1,600.0	1,580.4	1,574.5	1,574.5	5.0	2.4	158.81	-77.5	-530.5	707.6	701.4	6.20	114.211		
1,700.0	1,675.0	1,668.5	1,668.4	5.6	2.6	159.33	-80.1	-530.5	737.9	731.2	6.70	110.074		
1,800.0	1,768.9	1,769.8	1,769.5	6.3	2.8	159.70	-85.5	-530.1	770.2	763.0	7.24	106.346		
8,800.0	7,292.3	7,316.0	7,284.2	48.7	16.3	87.65	-512.6	-428.4	788.8	726.0	62.71	12.578		
8,900.0	7,292.7	7,317.0	7,285.1	50.3	16.3	88.05	-512.6	-428.4	690.4	625.9	64.49	10.705		
9,000.0	7,293.2	7,317.9	7,286.0	52.1	16.3	88.46	-512.6	-428.4	592.6	526.3	66.37	8.930		
9,100.0	7,293.6	7,318.9	7,287.0	54.0	16.3	88.86	-512.6	-428.4	495.8	427.4	68.32	7.256		
9,200.0	7,294.0	7,319.8	7,288.0	55.9	16.3	89.27	-512.7	-428.4	400.4	330.0	70.35	5.691		
9,300.0	7,294.5	7,320.8	7,288.9	58.0	16.3	89.68	-512.7	-428.4	308.0	235.6	72.45	4.251		
9,400.0	7,294.9	7,321.7	7,289.9	60.0	16.3	90.09	-512.7	-428.4	222.3	147.7	74.60	2.980		
9,500.0	7,295.3	7,322.7	7,290.8	62.2	16.4	90.50	-512.7	-428.5	154.7	77.9	76.80	2.015		
9,577.3	7,295.7	7,323.4	7,291.6	63.9	16.4	90.82	-512.7	-428.5	134.0	55.5	78.53	1.707 CC, ES, SF		
9,600.0	7,295.8	7,323.7	7,291.8	64.4	16.4	90.92	-512.7	-428.5	135.9	56.9	79.04	1.720		
9,700.0	7,296.2	7,324.6	7,292.8	66.7	16.4	91.33	-512.7	-428.5	181.7	100.4	81.33	2.234		
9,800.0	7,296.6	7,325.6	7,293.8	69.0	16.4	91.75	-512.7	-428.5	259.9	176.3	83.65	3.107		
9,900.0	7,297.1	7,326.6	7,294.7	71.3	16.4	92.17	-512.8	-428.5	349.4	263.4	86.00	4.063		
10,000.0	7,297.5	7,327.6	7,295.7	73.7	16.4	92.59	-512.8	-428.5	443.4	355.0	88.37	5.017		
10,100.0	7,297.9	7,328.5	7,296.7	76.1	16.4	93.01	-512.8	-428.5	539.6	448.8	90.77	5.944		
10,200.0	7,298.4	7,329.5	7,297.7	78.5	16.4	93.43	-512.8	-428.5	636.9	543.7	93.19	6.834		
10,300.0	7,298.8	7,330.5	7,298.7	81.0	16.4	93.85	-512.8	-428.5	735.0	639.3	95.63	7.685		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 886-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-101.60	-102.0	-497.0	507.3					
100.0	100.0	94.2	94.2	0.1	0.1	-101.60	-102.0	-496.9	507.3	507.1	0.22	2,322.149		
200.0	200.0	194.5	194.5	0.3	0.2	-101.61	-102.1	-496.8	507.2	506.7	0.56	912.505		
300.0	300.0	294.7	294.7	0.6	0.3	-101.63	-102.2	-496.7	507.1	506.2	0.89	567.703		
400.0	400.0	395.0	395.0	0.8	0.4	-101.65	-102.4	-496.5	506.9	505.7	1.23	411.925		
408.7	408.7	403.7	403.7	0.8	0.5	149.49	-102.4	-496.5	506.9	505.7	1.26	402.402 CC, ES		
500.0	500.0	495.2	495.2	1.0	0.6	149.53	-102.6	-496.2	507.8	506.3	1.55	326.725		
600.0	599.9	595.4	595.4	1.2	0.7	149.69	-102.9	-495.9	511.0	509.1	1.87	272.802		
700.0	699.7	695.5	695.5	1.4	0.8	149.97	-103.2	-495.5	516.3	514.1	2.21	234.073		
800.0	799.3	795.3	795.3	1.7	0.9	150.37	-103.6	-495.1	523.9	521.3	2.55	205.260		
900.0	898.6	895.0	895.0	1.9	1.0	150.87	-104.1	-494.5	533.7	530.8	2.92	182.626		
1,000.0	997.5	994.2	994.2	2.2	1.2	151.44	-104.6	-494.0	545.9	542.5	3.39	160.833		
1,100.0	1,096.1	1,096.5	1,096.5	2.6	1.5	152.11	-105.4	-493.2	560.3	556.4	3.88	144.353		
1,200.0	1,194.2	1,213.1	1,213.0	3.0	1.7	152.97	-106.0	-490.1	575.0	570.6	4.40	130.834		
1,300.0	1,291.7	1,339.3	1,339.0	3.4	2.0	154.08	-105.2	-481.8	588.4	583.5	4.93	119.384		
1,400.0	1,388.6	1,455.5	1,454.5	3.9	2.3	155.39	-101.8	-469.8	600.3	594.9	5.45	110.177		
1,500.0	1,484.9	1,579.2	1,576.9	4.4	2.6	157.04	-96.0	-453.0	611.4	605.4	6.00	101.912		
1,600.0	1,580.4	1,698.1	1,693.7	5.0	3.0	158.83	-88.4	-432.3	621.4	614.9	6.56	94.797		
1,700.0	1,675.0	1,807.4	1,800.5	5.6	3.4	160.63	-79.9	-410.6	631.8	624.7	7.11	88.914		
1,800.0	1,768.9	1,903.0	1,893.8	6.3	3.7	162.21	-72.4	-390.9	644.5	636.9	7.63	84.482		
1,890.9	1,853.3	1,997.1	1,985.5	7.0	4.1	163.77	-65.1	-371.4	658.5	650.4	8.13	81.041		
1,900.0	1,861.7	2,006.4	1,994.5	7.1	4.1	163.93	-64.4	-369.4	660.0	651.8	8.18	80.702		
2,000.0	1,954.2	2,099.1	2,084.9	7.8	4.5	165.43	-57.7	-350.0	676.8	668.1	8.74	77.426		
2,100.0	2,046.7	2,196.5	2,180.0	8.6	4.9	166.92	-50.8	-329.7	694.4	685.1	9.32	74.515		
2,200.0	2,139.2	2,287.4	2,268.7	9.4	5.3	168.31	-43.6	-311.1	712.8	702.9	9.89	72.074		
2,300.0	2,231.7	2,383.6	2,362.6	10.2	5.7	169.77	-35.1	-291.8	732.0	721.5	10.48	69.877		
2,400.0	2,324.1	2,479.4	2,456.0	11.0	6.1	171.13	-26.9	-272.6	751.7	740.7	11.07	67.919		
2,500.0	2,416.6	2,572.5	2,547.0	11.8	6.5	172.35	-19.5	-254.3	772.2	760.5	11.66	66.232		
2,600.0	2,509.1	2,672.0	2,644.2	12.6	6.9	173.58	-11.5	-234.7	792.9	780.6	12.28	64.560		
8,900.0	7,292.7	7,376.8	7,295.2	50.3	20.0	90.60	156.3	221.7	796.2	726.8	69.40	11.472		
8,919.9	7,292.8	7,377.0	7,295.4	50.7	20.0	90.62	156.3	221.7	796.0	726.2	69.77	11.408		
9,000.0	7,293.2	7,377.8	7,296.2	52.1	20.0	90.67	156.3	221.6	800.0	728.7	71.25	11.227 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4899.0ft (Original Well Elev)

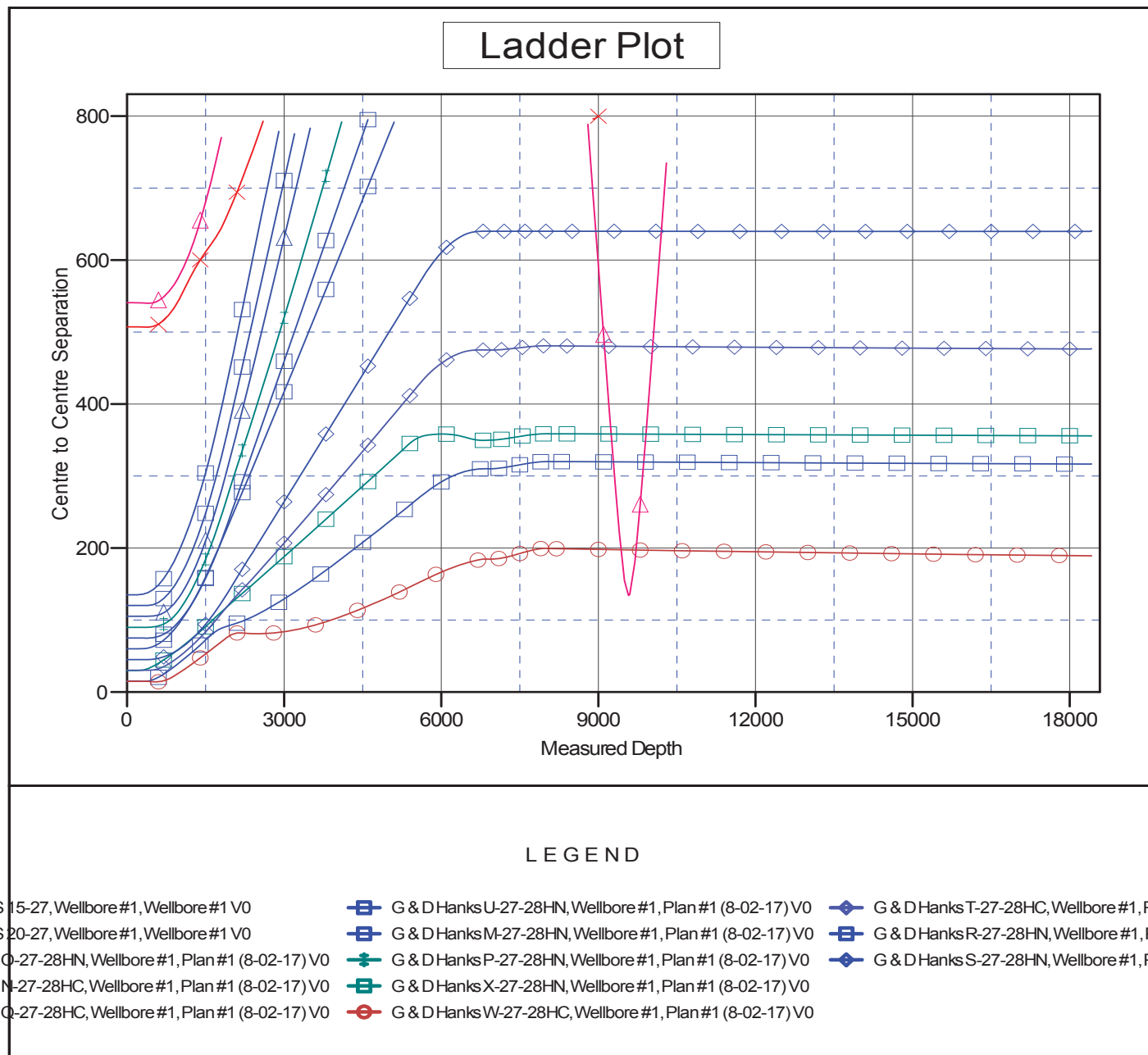
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

Coordinates are relative to: G & D Hanks V-27-28HN

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks V-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks V-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4899.0ft (Original Well Elev)

Offset Depths are relative to Offset Datum

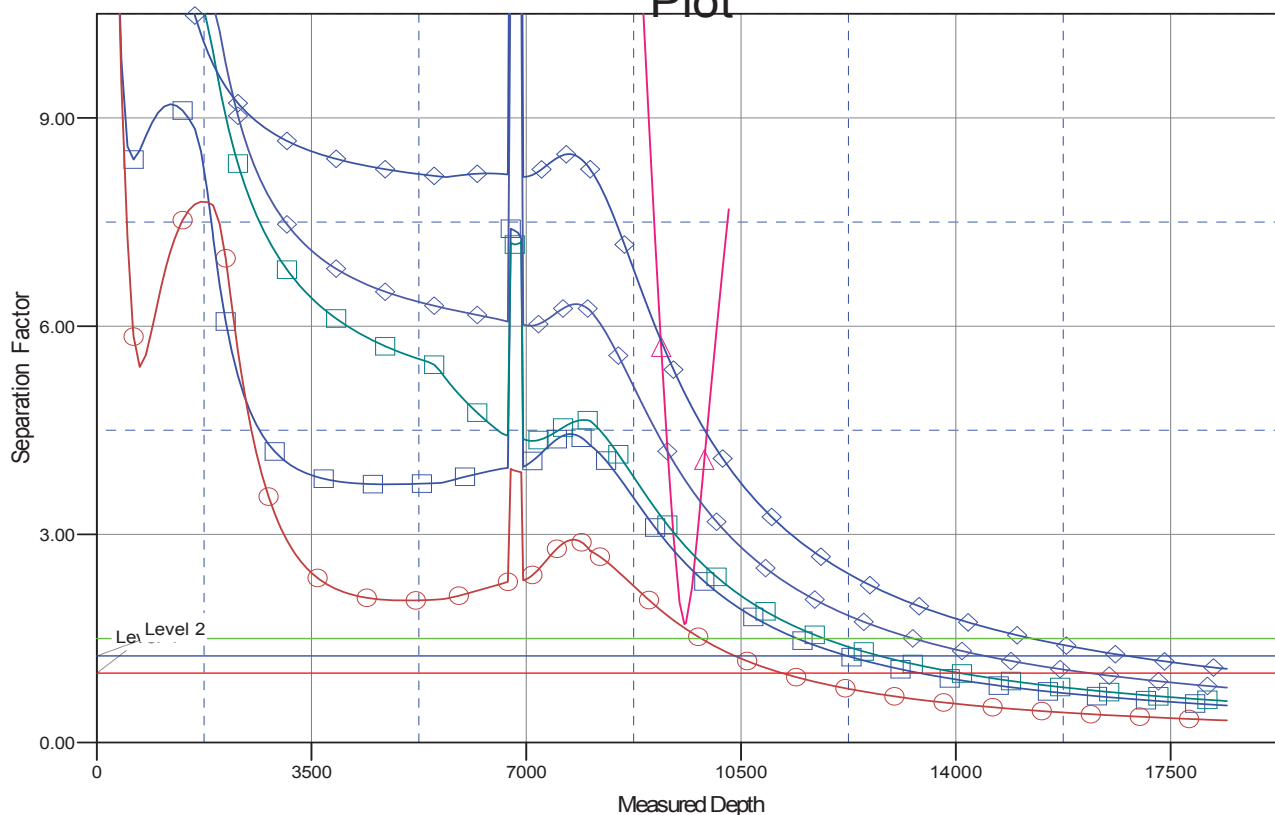
Central Meridian is -105.500000

Coordinates are relative to: G & D Hanks V-27-28HN

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°

Separation Factor Plot



L E G E N D

S 15-27, 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 20-27, 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 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 27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks X-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	
S 27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks W-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	