

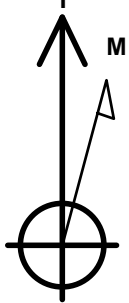
Bayswater Exploration & Production, LLC

Well Name: **G & D Hanks TA-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 1441152.43 3205704.13 40.542007 -104.759854
Original Well Elev WELL @ 4899.0ft (Original Well Elev)

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1198'FSL, 1575'FEL, SEC.27	1.0	0.0	0.0	Point
BH 935'FSL, 5'FWL, SEC.28	7149.0	-378.7	-9251.5	Point
LPL 935'FSL, 560'FEL, SEC.27	7149.0	-264.9	1015.9	Point
LPL 1035'FSL, 470'FEL, SEC.27	7364.0	-150.1	1105.4	Point



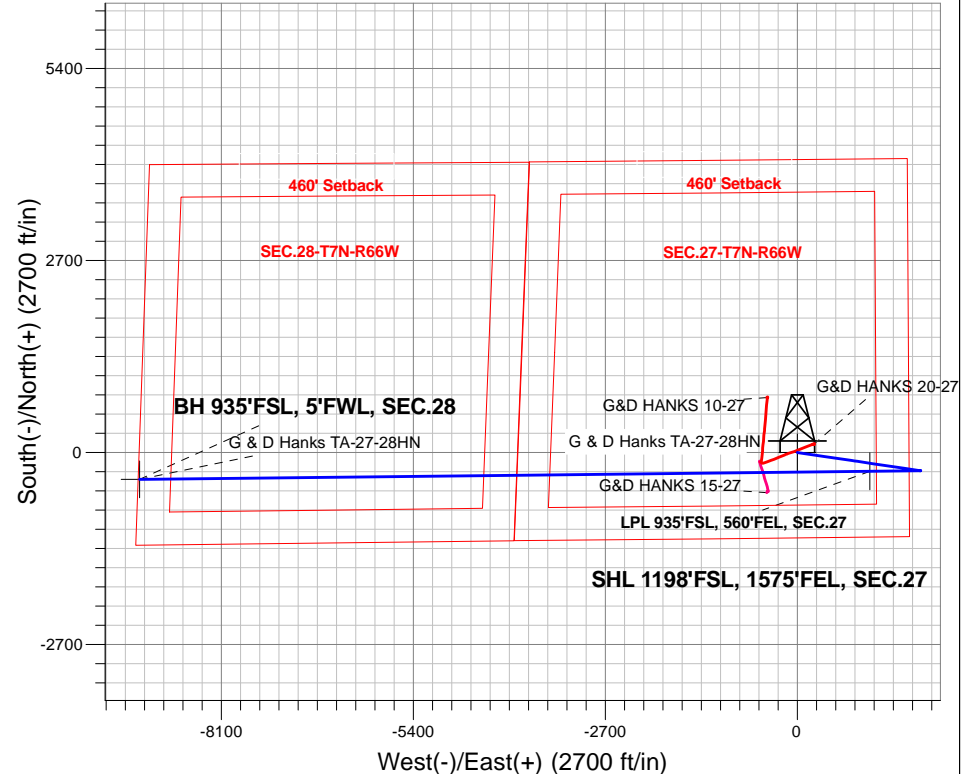
Azimuths to True North
Magnetic North: 8.01°

Magnetic Field
Strength: 52534.9nT
Dip Angle: 66.94°
Date: 10/27/2017
Model: IGRF2010

G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks TA-27-28HN
Plan #2 (10-27-17)
10:43, November 29 2017

ANNOTATIONS

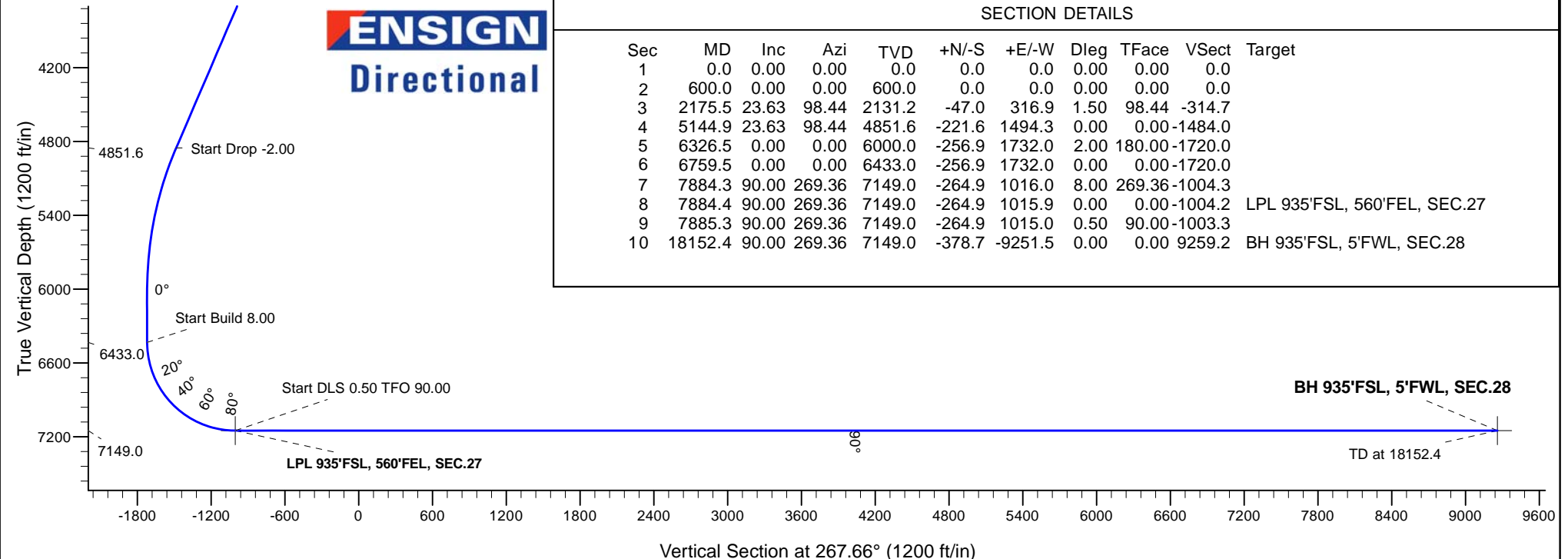
TVD	MD	Annotation
600.0	600.0	KOP - Start Build 1.50
4851.6	5144.9	Start Drop -2.00
6433.0	6759.5	Start Build 8.00
7149.0	7884.4	Start DLS 0.50 TFO 90.00
7149.0	7885.4	Start 10267.0 hold at 7885.4 MD
7149.0	18152.4	TD at 18152.4



ENSIGN
Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	2175.5	23.63	98.44	2131.2	-47.0	316.9	1.50	98.44	-314.7	
4	5144.9	23.63	98.44	4851.6	-221.6	1494.3	0.00	0.00	-1484.0	
5	6326.5	0.00	0.00	6000.0	-256.9	1732.0	2.00	180.00	-1720.0	
6	6759.5	0.00	0.00	6433.0	-256.9	1732.0	0.00	0.00	-1720.0	
7	7884.3	90.00	269.36	7149.0	-264.9	1016.0	8.00	269.36	-1004.3	
8	7884.4	90.00	269.36	7149.0	-264.9	1015.9	0.00	0.00	-1004.2	LPL 935'FSL, 560'FEL, SEC.27
9	7885.3	90.00	269.36	7149.0	-264.9	1015.0	0.50	90.00	-1003.3	
10	18152.4	90.00	269.36	7149.0	-378.7	-9251.5	0.00	0.00	9259.2	BH 935'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 TA-27-28HN

Wellbore #1

Plan: Plan #2 (10-27-17)

Standard Planning Report

29 November, 2017



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

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 TA-27-28HN					
Well Position	+N/-S	-90.0 ft	Northing:	1,441,152.43 usft	Latitude:	40.542007
	+E/-W	-0.3 ft	Easting:	3,205,704.13 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	10/27/2017	8.01	66.94	52,535

Design	Plan #2 (10-27-17)			
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	267.66

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,175.5	23.63	98.44	2,131.2	-47.0	316.9	1.50	1.50	0.00	98.44	
5,144.9	23.63	98.44	4,851.6	-221.6	1,494.3	0.00	0.00	0.00	0.00	
6,326.5	0.00	0.00	6,000.0	-256.9	1,732.0	2.00	-2.00	0.00	180.00	
6,759.5	0.00	0.00	6,433.0	-256.9	1,732.0	0.00	0.00	0.00	0.00	
7,884.3	90.00	269.36	7,149.0	-264.9	1,016.0	8.00	8.00	0.00	269.36	
7,884.4	90.00	269.36	7,149.0	-264.9	1,015.9	0.00	0.00	0.00	0.00	LPL 935'FSL, 560'FEI
7,885.3	90.00	269.36	7,149.0	-264.9	1,015.0	0.50	0.00	0.50	90.00	
18,152.4	90.00	269.36	7,149.0	-378.7	-9,251.5	0.00	0.00	0.00	0.00	BH 935'FSL, 5'FWL, 5'

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

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
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 1198'FSL, 1575'FEL, SEC.27									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
700.0	1.50	98.44	700.0	-0.2	1.3	-1.3	1.50	1.50	0.00
800.0	3.00	98.44	799.9	-0.8	5.2	-5.1	1.50	1.50	0.00
900.0	4.50	98.44	899.7	-1.7	11.6	-11.6	1.50	1.50	0.00
1,000.0	6.00	98.44	999.3	-3.1	20.7	-20.6	1.50	1.50	0.00
1,100.0	7.50	98.44	1,098.6	-4.8	32.3	-32.1	1.50	1.50	0.00
1,200.0	9.00	98.44	1,197.5	-6.9	46.5	-46.2	1.50	1.50	0.00
1,300.0	10.50	98.44	1,296.1	-9.4	63.3	-62.8	1.50	1.50	0.00
1,400.0	12.00	98.44	1,394.2	-12.2	82.6	-82.0	1.50	1.50	0.00
1,500.0	13.50	98.44	1,491.7	-15.5	104.4	-103.7	1.50	1.50	0.00
1,600.0	15.00	98.44	1,588.6	-19.1	128.7	-127.9	1.50	1.50	0.00
1,700.0	16.50	98.44	1,684.9	-23.1	155.6	-154.5	1.50	1.50	0.00
1,800.0	18.00	98.44	1,780.4	-27.4	184.9	-183.7	1.50	1.50	0.00
1,900.0	19.50	98.44	1,875.0	-32.1	216.7	-215.2	1.50	1.50	0.00
2,000.0	21.00	98.44	1,968.9	-37.2	251.0	-249.2	1.50	1.50	0.00
2,100.0	22.50	98.44	2,061.7	-42.7	287.6	-285.6	1.50	1.50	0.00
2,175.5	23.63	98.44	2,131.2	-47.0	316.9	-314.7	1.50	1.50	0.00
2,200.0	23.63	98.44	2,153.7	-48.4	326.6	-324.3	0.00	0.00	0.00
2,300.0	23.63	98.44	2,245.3	-54.3	366.2	-363.7	0.00	0.00	0.00
2,400.0	23.63	98.44	2,336.9	-60.2	405.9	-403.1	0.00	0.00	0.00
2,500.0	23.63	98.44	2,428.5	-66.1	445.5	-442.5	0.00	0.00	0.00
2,600.0	23.63	98.44	2,520.1	-72.0	485.2	-481.9	0.00	0.00	0.00
2,700.0	23.63	98.44	2,611.7	-77.8	524.9	-521.2	0.00	0.00	0.00
2,800.0	23.63	98.44	2,703.3	-83.7	564.5	-560.6	0.00	0.00	0.00
2,900.0	23.63	98.44	2,794.9	-89.6	604.2	-600.0	0.00	0.00	0.00
3,000.0	23.63	98.44	2,886.6	-95.5	643.8	-639.4	0.00	0.00	0.00
3,100.0	23.63	98.44	2,978.2	-101.4	683.5	-678.7	0.00	0.00	0.00
3,200.0	23.63	98.44	3,069.8	-107.3	723.1	-718.1	0.00	0.00	0.00
3,300.0	23.63	98.44	3,161.4	-113.1	762.8	-757.5	0.00	0.00	0.00
3,400.0	23.63	98.44	3,253.0	-119.0	802.4	-796.9	0.00	0.00	0.00
3,500.0	23.63	98.44	3,344.6	-124.9	842.1	-836.3	0.00	0.00	0.00
3,600.0	23.63	98.44	3,436.2	-130.8	881.7	-875.6	0.00	0.00	0.00
3,700.0	23.63	98.44	3,527.9	-136.7	921.4	-915.0	0.00	0.00	0.00
3,800.0	23.63	98.44	3,619.5	-142.5	961.0	-954.4	0.00	0.00	0.00
3,900.0	23.63	98.44	3,711.1	-148.4	1,000.7	-993.8	0.00	0.00	0.00
4,000.0	23.63	98.44	3,802.7	-154.3	1,040.3	-1,033.2	0.00	0.00	0.00
4,100.0	23.63	98.44	3,894.3	-160.2	1,080.0	-1,072.5	0.00	0.00	0.00
4,200.0	23.63	98.44	3,985.9	-166.1	1,119.7	-1,111.9	0.00	0.00	0.00
4,300.0	23.63	98.44	4,077.5	-172.0	1,159.3	-1,151.3	0.00	0.00	0.00
4,400.0	23.63	98.44	4,169.1	-177.8	1,199.0	-1,190.7	0.00	0.00	0.00
4,500.0	23.63	98.44	4,260.8	-183.7	1,238.6	-1,230.1	0.00	0.00	0.00
4,600.0	23.63	98.44	4,352.4	-189.6	1,278.3	-1,269.4	0.00	0.00	0.00
4,700.0	23.63	98.44	4,444.0	-195.5	1,317.9	-1,308.8	0.00	0.00	0.00
4,800.0	23.63	98.44	4,535.6	-201.4	1,357.6	-1,348.2	0.00	0.00	0.00
4,900.0	23.63	98.44	4,627.2	-207.2	1,397.2	-1,387.6	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

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)
5,000.0	23.63	98.44	4,718.8	-213.1	1,436.9	-1,427.0	0.00	0.00	0.00
5,100.0	23.63	98.44	4,810.4	-219.0	1,476.5	-1,466.3	0.00	0.00	0.00
5,144.9	23.63	98.44	4,851.6	-221.6	1,494.3	-1,484.0	0.00	0.00	0.00
Start Drop -2.00									
5,200.0	22.53	98.44	4,902.3	-224.8	1,515.7	-1,505.2	2.00	-2.00	0.00
5,300.0	20.53	98.44	4,995.3	-230.2	1,552.0	-1,541.3	2.00	-2.00	0.00
5,400.0	18.53	98.44	5,089.5	-235.1	1,585.1	-1,574.1	2.00	-2.00	0.00
5,500.0	16.53	98.44	5,184.9	-239.5	1,614.9	-1,603.7	2.00	-2.00	0.00
5,600.0	14.53	98.44	5,281.2	-243.5	1,641.4	-1,630.0	2.00	-2.00	0.00
5,700.0	12.53	98.44	5,378.4	-246.9	1,664.5	-1,653.0	2.00	-2.00	0.00
5,800.0	10.53	98.44	5,476.4	-249.8	1,684.3	-1,672.6	2.00	-2.00	0.00
5,900.0	8.53	98.44	5,575.0	-252.2	1,700.6	-1,688.9	2.00	-2.00	0.00
6,000.0	6.53	98.44	5,674.2	-254.2	1,713.6	-1,701.8	2.00	-2.00	0.00
6,100.0	4.53	98.44	5,773.7	-255.6	1,723.1	-1,711.2	2.00	-2.00	0.00
6,200.0	2.53	98.44	5,873.5	-256.5	1,729.2	-1,717.3	2.00	-2.00	0.00
6,300.0	0.53	98.44	5,973.5	-256.9	1,731.9	-1,719.9	2.00	-2.00	0.00
6,326.5	0.00	0.00	6,000.0	-256.9	1,732.0	-1,720.0	2.00	-2.00	0.00
6,400.0	0.00	0.00	6,073.5	-256.9	1,732.0	-1,720.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,173.5	-256.9	1,732.0	-1,720.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,273.5	-256.9	1,732.0	-1,720.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,373.5	-256.9	1,732.0	-1,720.0	0.00	0.00	0.00
6,759.5	0.00	0.00	6,433.0	-256.9	1,732.0	-1,720.0	0.00	0.00	0.00
Start Build 8.00									
6,800.0	3.24	269.36	6,473.4	-256.9	1,730.9	-1,718.9	8.00	8.00	0.00
6,900.0	11.24	269.36	6,572.6	-257.1	1,718.3	-1,706.3	8.00	8.00	0.00
7,000.0	19.24	269.36	6,669.0	-257.3	1,692.0	-1,680.1	8.00	8.00	0.00
7,100.0	27.24	269.36	6,760.8	-257.8	1,652.6	-1,640.6	8.00	8.00	0.00
7,200.0	35.25	269.36	6,846.2	-258.4	1,600.7	-1,588.8	8.00	8.00	0.00
7,300.0	43.25	269.36	6,923.6	-259.1	1,537.5	-1,525.6	8.00	8.00	0.00
7,400.0	51.25	269.36	6,991.4	-259.9	1,464.2	-1,452.3	8.00	8.00	0.00
7,500.0	59.25	269.36	7,048.3	-260.8	1,382.1	-1,370.2	8.00	8.00	0.00
7,600.0	67.25	269.36	7,093.3	-261.8	1,292.8	-1,281.1	8.00	8.00	0.00
7,700.0	75.26	269.36	7,125.4	-262.9	1,198.2	-1,186.5	8.00	8.00	0.00
7,800.0	83.26	269.36	7,144.0	-264.0	1,100.1	-1,088.4	8.00	8.00	0.00
7,806.4	83.77	269.36	7,144.8	-264.0	1,093.7	-1,082.0	8.00	8.00	0.00
LPL 1035°FSL, 470°FEL, SEC.27									
7,884.3	90.00	269.36	7,149.0	-264.9	1,016.0	-1,004.3	8.00	8.00	0.00
7,884.4	90.00	269.36	7,149.0	-264.9	1,015.9	-1,004.2	0.00	0.00	0.00
Start DLS 0.50 TFO 90.00 - LPL 935°FSL, 560°FEL, SEC.27									
7,885.3	90.00	269.36	7,149.0	-264.9	1,015.0	-1,003.3	0.50	0.00	0.50
7,885.4	90.00	269.36	7,149.0	-264.9	1,014.9	-1,003.2	0.00	0.00	0.00
Start 10267.0 hold at 7885.4 MD									
7,900.0	90.00	269.36	7,149.0	-265.1	1,000.3	-988.6	0.00	0.00	0.00
8,000.0	90.00	269.36	7,149.0	-266.2	900.3	-888.6	0.00	0.00	0.00
8,100.0	90.00	269.36	7,149.0	-267.3	800.3	-788.7	0.00	0.00	0.00
8,200.0	90.00	269.36	7,149.0	-268.4	700.3	-688.7	0.00	0.00	0.00
8,300.0	90.00	269.36	7,149.0	-269.5	600.3	-588.8	0.00	0.00	0.00
8,400.0	90.00	269.36	7,149.0	-270.6	500.3	-488.8	0.00	0.00	0.00
8,500.0	90.00	269.36	7,149.0	-271.7	400.3	-388.9	0.00	0.00	0.00
8,600.0	90.00	269.36	7,149.0	-272.8	300.3	-288.9	0.00	0.00	0.00
8,700.0	90.00	269.36	7,149.0	-273.9	200.3	-188.9	0.00	0.00	0.00
8,800.0	90.00	269.36	7,149.0	-275.0	100.3	-89.0	0.00	0.00	0.00
8,900.0	90.00	269.36	7,149.0	-276.2	0.3	11.0	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

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)
9,000.0	90.00	269.36	7,149.0	-277.3	-99.7	110.9	0.00	0.00	0.00
9,100.0	90.00	269.36	7,149.0	-278.4	-199.7	210.9	0.00	0.00	0.00
9,200.0	90.00	269.36	7,149.0	-279.5	-299.6	310.8	0.00	0.00	0.00
9,300.0	90.00	269.36	7,149.0	-280.6	-399.6	410.8	0.00	0.00	0.00
9,400.0	90.00	269.36	7,149.0	-281.7	-499.6	510.7	0.00	0.00	0.00
9,500.0	90.00	269.36	7,149.0	-282.8	-599.6	610.7	0.00	0.00	0.00
9,600.0	90.00	269.36	7,149.0	-283.9	-699.6	710.6	0.00	0.00	0.00
9,700.0	90.00	269.36	7,149.0	-285.0	-799.6	810.6	0.00	0.00	0.00
9,800.0	90.00	269.36	7,149.0	-286.1	-899.6	910.6	0.00	0.00	0.00
9,900.0	90.00	269.36	7,149.0	-287.2	-999.6	1,010.5	0.00	0.00	0.00
10,000.0	90.00	269.36	7,149.0	-288.3	-1,099.6	1,110.5	0.00	0.00	0.00
10,100.0	90.00	269.36	7,149.0	-289.5	-1,199.6	1,210.4	0.00	0.00	0.00
10,200.0	90.00	269.36	7,149.0	-290.6	-1,299.6	1,310.4	0.00	0.00	0.00
10,300.0	90.00	269.36	7,149.0	-291.7	-1,399.6	1,410.3	0.00	0.00	0.00
10,400.0	90.00	269.36	7,149.0	-292.8	-1,499.6	1,510.3	0.00	0.00	0.00
10,500.0	90.00	269.36	7,149.0	-293.9	-1,599.6	1,610.2	0.00	0.00	0.00
10,600.0	90.00	269.36	7,149.0	-295.0	-1,699.6	1,710.2	0.00	0.00	0.00
10,700.0	90.00	269.36	7,149.0	-296.1	-1,799.6	1,810.2	0.00	0.00	0.00
10,800.0	90.00	269.36	7,149.0	-297.2	-1,899.5	1,910.1	0.00	0.00	0.00
10,900.0	90.00	269.36	7,149.0	-298.3	-1,999.5	2,010.1	0.00	0.00	0.00
11,000.0	90.00	269.36	7,149.0	-299.4	-2,099.5	2,110.0	0.00	0.00	0.00
11,100.0	90.00	269.36	7,149.0	-300.5	-2,199.5	2,210.0	0.00	0.00	0.00
11,200.0	90.00	269.36	7,149.0	-301.6	-2,299.5	2,309.9	0.00	0.00	0.00
11,300.0	90.00	269.36	7,149.0	-302.8	-2,399.5	2,409.9	0.00	0.00	0.00
11,400.0	90.00	269.36	7,149.0	-303.9	-2,499.5	2,509.8	0.00	0.00	0.00
11,500.0	90.00	269.36	7,149.0	-305.0	-2,599.5	2,609.8	0.00	0.00	0.00
11,600.0	90.00	269.36	7,149.0	-306.1	-2,699.5	2,709.8	0.00	0.00	0.00
11,700.0	90.00	269.36	7,149.0	-307.2	-2,799.5	2,809.7	0.00	0.00	0.00
11,800.0	90.00	269.36	7,149.0	-308.3	-2,899.5	2,909.7	0.00	0.00	0.00
11,900.0	90.00	269.36	7,149.0	-309.4	-2,999.5	3,009.6	0.00	0.00	0.00
12,000.0	90.00	269.36	7,149.0	-310.5	-3,099.5	3,109.6	0.00	0.00	0.00
12,100.0	90.00	269.36	7,149.0	-311.6	-3,199.5	3,209.5	0.00	0.00	0.00
12,200.0	90.00	269.36	7,149.0	-312.7	-3,299.5	3,309.5	0.00	0.00	0.00
12,300.0	90.00	269.36	7,149.0	-313.8	-3,399.5	3,409.4	0.00	0.00	0.00
12,400.0	90.00	269.36	7,149.0	-314.9	-3,499.5	3,509.4	0.00	0.00	0.00
12,500.0	90.00	269.36	7,149.0	-316.1	-3,599.4	3,609.4	0.00	0.00	0.00
12,600.0	90.00	269.36	7,149.0	-317.2	-3,699.4	3,709.3	0.00	0.00	0.00
12,700.0	90.00	269.36	7,149.0	-318.3	-3,799.4	3,809.3	0.00	0.00	0.00
12,800.0	90.00	269.36	7,149.0	-319.4	-3,899.4	3,909.2	0.00	0.00	0.00
12,900.0	90.00	269.36	7,149.0	-320.5	-3,999.4	4,009.2	0.00	0.00	0.00
13,000.0	90.00	269.36	7,149.0	-321.6	-4,099.4	4,109.1	0.00	0.00	0.00
13,100.0	90.00	269.36	7,149.0	-322.7	-4,199.4	4,209.1	0.00	0.00	0.00
13,200.0	90.00	269.36	7,149.0	-323.8	-4,299.4	4,309.0	0.00	0.00	0.00
13,300.0	90.00	269.36	7,149.0	-324.9	-4,399.4	4,409.0	0.00	0.00	0.00
13,400.0	90.00	269.36	7,149.0	-326.0	-4,499.4	4,509.0	0.00	0.00	0.00
13,500.0	90.00	269.36	7,149.0	-327.1	-4,599.4	4,608.9	0.00	0.00	0.00
13,600.0	90.00	269.36	7,149.0	-328.2	-4,699.4	4,708.9	0.00	0.00	0.00
13,700.0	90.00	269.36	7,149.0	-329.4	-4,799.4	4,808.8	0.00	0.00	0.00
13,800.0	90.00	269.36	7,149.0	-330.5	-4,899.4	4,908.8	0.00	0.00	0.00
13,900.0	90.00	269.36	7,149.0	-331.6	-4,999.4	5,008.7	0.00	0.00	0.00
14,000.0	90.00	269.36	7,149.0	-332.7	-5,099.4	5,108.7	0.00	0.00	0.00
14,100.0	90.00	269.36	7,149.0	-333.8	-5,199.3	5,208.6	0.00	0.00	0.00
14,200.0	90.00	269.36	7,149.0	-334.9	-5,299.3	5,308.6	0.00	0.00	0.00
14,300.0	90.00	269.36	7,149.0	-336.0	-5,399.3	5,408.6	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

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)
14,400.0	90.00	269.36	7,149.0	-337.1	-5,499.3	5,508.5	0.00	0.00	0.00
14,500.0	90.00	269.36	7,149.0	-338.2	-5,599.3	5,608.5	0.00	0.00	0.00
14,600.0	90.00	269.36	7,149.0	-339.3	-5,699.3	5,708.4	0.00	0.00	0.00
14,700.0	90.00	269.36	7,149.0	-340.4	-5,799.3	5,808.4	0.00	0.00	0.00
14,800.0	90.00	269.36	7,149.0	-341.5	-5,899.3	5,908.3	0.00	0.00	0.00
14,900.0	90.00	269.36	7,149.0	-342.6	-5,999.3	6,008.3	0.00	0.00	0.00
15,000.0	90.00	269.36	7,149.0	-343.8	-6,099.3	6,108.2	0.00	0.00	0.00
15,100.0	90.00	269.36	7,149.0	-344.9	-6,199.3	6,208.2	0.00	0.00	0.00
15,200.0	90.00	269.36	7,149.0	-346.0	-6,299.3	6,308.2	0.00	0.00	0.00
15,300.0	90.00	269.36	7,149.0	-347.1	-6,399.3	6,408.1	0.00	0.00	0.00
15,400.0	90.00	269.36	7,149.0	-348.2	-6,499.3	6,508.1	0.00	0.00	0.00
15,500.0	90.00	269.36	7,149.0	-349.3	-6,599.3	6,608.0	0.00	0.00	0.00
15,600.0	90.00	269.36	7,149.0	-350.4	-6,699.3	6,708.0	0.00	0.00	0.00
15,700.0	90.00	269.36	7,149.0	-351.5	-6,799.2	6,807.9	0.00	0.00	0.00
15,800.0	90.00	269.36	7,149.0	-352.6	-6,899.2	6,907.9	0.00	0.00	0.00
15,900.0	90.00	269.36	7,149.0	-353.7	-6,999.2	7,007.8	0.00	0.00	0.00
16,000.0	90.00	269.36	7,149.0	-354.8	-7,099.2	7,107.8	0.00	0.00	0.00
16,100.0	90.00	269.36	7,149.0	-355.9	-7,199.2	7,207.8	0.00	0.00	0.00
16,200.0	90.00	269.36	7,149.0	-357.1	-7,299.2	7,307.7	0.00	0.00	0.00
16,300.0	90.00	269.36	7,149.0	-358.2	-7,399.2	7,407.7	0.00	0.00	0.00
16,400.0	90.00	269.36	7,149.0	-359.3	-7,499.2	7,507.6	0.00	0.00	0.00
16,500.0	90.00	269.36	7,149.0	-360.4	-7,599.2	7,607.6	0.00	0.00	0.00
16,600.0	90.00	269.36	7,149.0	-361.5	-7,699.2	7,707.5	0.00	0.00	0.00
16,700.0	90.00	269.36	7,149.0	-362.6	-7,799.2	7,807.5	0.00	0.00	0.00
16,800.0	90.00	269.36	7,149.0	-363.7	-7,899.2	7,907.4	0.00	0.00	0.00
16,900.0	90.00	269.36	7,149.0	-364.8	-7,999.2	8,007.4	0.00	0.00	0.00
17,000.0	90.00	269.36	7,149.0	-365.9	-8,099.2	8,107.4	0.00	0.00	0.00
17,100.0	90.00	269.36	7,149.0	-367.0	-8,199.2	8,207.3	0.00	0.00	0.00
17,200.0	90.00	269.36	7,149.0	-368.1	-8,299.2	8,307.3	0.00	0.00	0.00
17,300.0	90.00	269.36	7,149.0	-369.2	-8,399.2	8,407.2	0.00	0.00	0.00
17,400.0	90.00	269.36	7,149.0	-370.4	-8,499.1	8,507.2	0.00	0.00	0.00
17,500.0	90.00	269.36	7,149.0	-371.5	-8,599.1	8,607.1	0.00	0.00	0.00
17,600.0	90.00	269.36	7,149.0	-372.6	-8,699.1	8,707.1	0.00	0.00	0.00
17,700.0	90.00	269.36	7,149.0	-373.7	-8,799.1	8,807.0	0.00	0.00	0.00
17,800.0	90.00	269.36	7,149.0	-374.8	-8,899.1	8,907.0	0.00	0.00	0.00
17,900.0	90.00	269.36	7,149.0	-375.9	-8,999.1	9,007.0	0.00	0.00	0.00
18,000.0	90.00	269.36	7,149.0	-377.0	-9,099.1	9,106.9	0.00	0.00	0.00
18,100.0	90.00	269.36	7,149.0	-378.1	-9,199.1	9,206.9	0.00	0.00	0.00
18,152.4	90.00	269.36	7,149.0	-378.7	-9,251.5	9,259.2	0.00	0.00	0.00
TD at 18152.4 - BH 935'FSL, 5'FWL, SEC.28									

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

Design Targets										
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)			
- Shape										
SHL 1198'FSL, 1575'FEI - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,152.44	3,205,704.13	40.542007	-104.759854	
LPL 935'FSL, 560'FEL, 5 - plan hits target center - Point	0.00	0.00	7,149.0	-264.9	1,015.9	1,440,896.03	3,206,722.18	40.541280	-104.756199	
BH 935'FSL, 5'FWL, SEI - plan hits target center - Point	0.00	0.00	7,149.0	-378.7	-9,251.5	1,440,696.54	3,196,456.41	40.540963	-104.793140	

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S	+E/-W	Comment	
(ft)	(ft)	(ft)	(ft)		
600.0	600.0	0.0	0.0	KOP - Start Build 1.50	
5,144.9	4,851.6	-221.6	1,494.3	Start Drop -2.00	
6,759.5	6,433.0	-256.9	1,732.0	Start Build 8.00	
7,884.4	7,149.0	-264.9	1,015.9	Start DLS 0.50 TFO 90.00	
7,885.4	7,149.0	-264.9	1,014.9	Start 10267.0 hold at 7885.4 MD	
18,152.4	7,149.0	-378.7	-9,251.5	TD at 18152.4	



Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks TA-27-28HN

Wellbore #1

Plan #2 (10-27-17)

Anticollision Report

29 November, 2017



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Reference	Plan #2 (10-27-17)		
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	10/27/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	18,152.2	Plan #2 (10-27-17) (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 #2 (10-19-	200.0	200.0	150.1	149.4	222.615	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Plan #2 (10-19-	3,300.0	3,139.7	781.8	748.4	23.400	SF
G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot	200.0	200.0	150.1	149.4	222.615	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot	3,300.0	3,139.7	781.8	748.4	23.400	SF
G & D Hanks N-27-28HC - Wellbore #1 - Plan #2 (10-19-	600.0	600.0	119.9	117.4	48.483	CC, ES
G & D Hanks N-27-28HC - Wellbore #1 - Plan #2 (10-19-	3,900.0	3,785.4	776.0	734.0	18.476	SF
G & D Hanks NA-27-28HN - Wellbore #1 - Plan #1 (10-1	400.0	400.0	135.2	133.6	85.913	CC, ES
G & D Hanks NA-27-28HN - Wellbore #1 - Plan #1 (10-1	3,600.0	3,454.6	795.7	757.9	21.046	SF
G & D Hanks O-27-28HN - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	104.9	104.3	155.618	CC, ES
G & D Hanks O-27-28HN - Wellbore #1 - Plan #2 (10-19-	4,100.0	3,975.4	790.9	744.0	16.838	SF
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	90.0	88.4	57.197	CC
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	500.0	499.3	90.4	88.4	44.910	ES
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	5,300.0	5,212.7	797.3	730.9	12.008	SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	60.1	59.4	89.156	CC
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	300.0	299.6	60.4	59.3	54.177	ES
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	18,152.4	18,418.5	759.9	185.8	1.324	Level 3, SF
G & D Hanks QA-27-28HN - Wellbore #1 - Plan #1 (10-1	600.0	600.0	75.1	72.6	30.358	CC, ES
G & D Hanks QA-27-28HN - Wellbore #1 - Plan #1 (10-1	18,152.4	18,099.6	775.8	178.7	1.299	Level 3, SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #2 (10-19-	600.0	600.0	44.8	42.3	18.128	CC
G & D Hanks R-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,152.4	18,285.0	573.4	-14.5	0.975	Level 1, ES, SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #2 (10-19-	484.7	484.7	29.9	27.9	15.369	CC
G & D Hanks S-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,152.4	18,366.8	295.2	-184.3	0.616	Level 1, ES, SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #3 (10-27-	313.5	313.5	14.8	13.7	12.661	CC
G & D Hanks T-27-28HC - Wellbore #1 - Plan #3 (10-27-	18,152.4	18,456.8	234.2	1.8	1.008	Level 2, ES, SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	14.9	13.4	9.489	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,152.4	18,320.7	156.2	-250.6	0.384	Level 1, ES, SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	29.9	29.2	44.292	CC
G & D Hanks V-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,152.4	18,423.7	449.7	-103.0	0.814	Level 1, ES, SF
G & D Hanks W-27-28HC - Wellbore #1 - Plan #3 (10-27-	600.0	600.0	45.2	42.7	18.272	CC
G & D Hanks W-27-28HC - Wellbore #1 - Plan #3 (10-27-	700.0	699.5	45.5	42.6	15.759	ES
G & D Hanks W-27-28HC - Wellbore #1 - Plan #3 (10-27-	18,152.4	18,520.5	636.0	70.3	1.124	Level 2, SF
G & D Hanks WA-27-28HN - Wellbore #1 - Plan #2 (10-2	400.0	400.0	60.1	58.5	38.207	CC, ES
G & D Hanks WA-27-28HN - Wellbore #1 - Plan #2 (10-2	18,152.4	18,189.2	659.8	60.9	1.102	Level 2, SF
G & D Hanks X-27-28HN - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	75.1	74.4	111.302	CC, ES
G & D Hanks X-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,152.4	18,393.7	769.2	174.2	1.293	Level 3, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

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 PAD Sec.27-T7N-R66W						
G&D HANKS 10-27 - Wellbore #1 - Wellbore #1	602.5	596.8	536.4	534.5	280.279	CC, ES
G&D HANKS 10-27 - Wellbore #1 - Wellbore #1	2,100.0	2,067.3	784.2	774.7	83.126	SF
G&D HANKS 15-27 - Wellbore #1 - Wellbore #1	9,331.3	7,171.5	275.0	198.9	3.614	CC, ES, SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	8,673.6	7,228.9	386.5	319.2	5.739	CC, ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	8,700.0	7,229.0	387.4	319.6	5.712	SF

Offset Design G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks M-27-28HN - Wellbore #1 - Plan #2 (10-19-1)													Offset Site Error: 0.0 ft
Survey Program: 0-MWD													Offset Well Error: 0.0 ft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Separation Factor		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	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.11	150.1	0.3	150.1				
100.0	100.0	100.0	100.0	0.1	0.1	0.11	150.1	0.3	150.1	149.9	0.22	667.844	
200.0	200.0	200.0	200.0	0.3	0.3	0.11	150.1	0.3	150.1	149.4	0.67	222.615	CC, ES
300.0	300.0	297.9	297.9	0.6	0.6	0.51	150.8	1.3	150.8	149.7	1.11	135.265	
400.0	400.0	395.7	395.6	0.8	0.8	1.69	152.8	4.5	152.9	151.4	1.56	98.103	
500.0	500.0	493.2	493.0	1.0	1.0	3.59	156.1	9.8	156.6	154.6	2.01	77.987	
600.0	600.0	590.4	589.7	1.2	1.3	6.08	160.8	17.1	162.0	159.5	2.46	65.762	
700.0	700.0	687.1	685.8	1.4	1.5	-89.72	166.7	26.5	169.4	166.4	2.95	57.411	
800.0	799.9	783.6	781.3	1.7	1.8	-87.52	173.9	37.9	178.6	175.2	3.42	52.171	
900.0	899.7	879.6	876.0	1.9	2.2	-85.74	182.3	51.3	189.7	185.8	3.93	48.303	
1,000.0	999.3	975.2	969.9	2.1	2.5	-84.36	192.0	66.6	202.5	198.0	4.47	45.334	
1,100.0	1,098.6	1,070.3	1,062.8	2.4	2.9	-83.33	202.8	83.7	216.9	211.8	5.05	42.958	
1,200.0	1,197.5	1,164.9	1,154.7	2.7	3.4	-82.61	214.8	102.8	232.7	227.1	5.68	40.981	
1,300.0	1,296.1	1,259.0	1,245.5	3.0	3.8	-82.14	228.0	123.6	250.1	243.7	6.37	39.274	
1,400.0	1,394.2	1,352.5	1,335.1	3.3	4.4	-81.87	242.3	146.2	268.9	261.8	7.12	37.766	
1,500.0	1,491.7	1,445.5	1,423.5	3.8	4.9	-81.77	257.6	170.4	289.1	281.1	7.94	36.397	
1,600.0	1,588.6	1,537.8	1,510.6	4.2	5.5	-81.79	273.9	196.3	310.7	301.8	8.84	35.143	
1,700.0	1,684.9	1,629.4	1,596.3	4.7	6.2	-81.91	291.3	223.8	333.6	323.8	9.82	33.986	
1,800.0	1,780.4	1,720.4	1,680.6	5.3	6.8	-82.10	309.6	252.8	357.9	347.1	10.88	32.914	
1,900.0	1,875.0	1,810.7	1,763.4	5.9	7.5	-82.34	328.8	283.2	383.6	371.6	12.02	31.918	
2,000.0	1,968.9	1,900.0	1,844.4	6.6	8.3	-82.61	348.8	314.9	410.6	397.3	13.25	30.999	
2,100.0	2,061.7	1,992.4	1,927.4	7.3	9.1	-82.95	370.5	349.2	438.7	424.2	14.59	30.076	
2,175.5	2,131.2	2,064.6	1,992.2	7.9	9.7	-83.36	387.5	376.2	460.0	444.3	15.68	29.344	
2,200.0	2,153.7	2,088.0	2,013.2	8.1	9.9	-83.62	393.0	384.9	466.9	450.9	16.05	29.100	
2,300.0	2,245.3	2,183.6	2,099.0	8.9	10.8	-84.59	415.6	420.6	495.1	477.6	17.57	28.187	
2,400.0	2,336.9	2,279.2	2,184.8	9.7	11.7	-85.46	438.1	456.3	523.5	504.4	19.11	27.397	
2,500.0	2,428.5	2,374.9	2,270.5	10.6	12.5	-86.24	460.7	492.1	551.9	531.3	20.66	26.710	
2,600.0	2,520.1	2,470.5	2,356.3	11.4	13.4	-86.95	483.3	527.8	580.5	558.2	22.23	26.108	
2,700.0	2,611.7	2,566.1	2,442.1	12.2	14.3	-87.59	505.8	563.5	609.1	585.3	23.81	25.578	
2,800.0	2,703.3	2,661.7	2,527.8	13.1	15.1	-88.17	528.4	599.2	637.7	612.3	25.40	25.109	
2,900.0	2,794.9	2,757.3	2,613.6	13.9	16.0	-88.70	551.0	635.0	666.5	639.5	26.99	24.691	
3,000.0	2,886.6	2,852.9	2,699.4	14.8	16.9	-89.19	573.5	670.7	695.2	666.6	28.59	24.317	
3,100.0	2,978.2	2,948.5	2,785.2	15.6	17.8	-89.64	596.1	706.4	724.0	693.8	30.19	23.980	
3,200.0	3,069.8	3,044.1	2,870.9	16.5	18.6	-90.05	618.6	742.1	752.9	721.1	31.80	23.676	
3,300.0	3,161.4	3,139.7	2,956.7	17.4	19.5	-90.43	641.2	777.8	781.8	748.4	33.41	23.400	SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot														
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	0.11	150.1	0.3	150.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.11	150.1	0.3	150.1	149.9	0.22	667.844		
200.0	200.0	200.0	200.0	0.3	0.3	0.11	150.1	0.3	150.1	149.4	0.67	222.615 CC, ES		
300.0	300.0	297.9	297.9	0.6	0.6	0.51	150.8	1.3	150.8	149.7	1.11	135.265		
400.0	400.0	395.7	395.6	0.8	0.8	1.69	152.8	4.5	152.9	151.4	1.56	98.103		
500.0	500.0	493.2	493.0	1.0	1.0	3.59	156.1	9.8	156.6	154.6	2.01	77.987		
600.0	600.0	590.4	589.7	1.2	1.3	6.08	160.8	17.1	162.0	159.5	2.46	65.762		
700.0	700.0	687.1	685.8	1.4	1.5	-89.72	166.7	26.5	169.4	166.4	2.95	57.411		
800.0	799.9	783.6	781.3	1.7	1.8	-87.52	173.9	37.9	178.6	175.2	3.42	52.171		
900.0	899.7	879.6	876.0	1.9	2.2	-85.74	182.3	51.3	189.7	185.8	3.93	48.303		
1,000.0	999.3	975.2	969.9	2.1	2.5	-84.36	192.0	66.6	202.5	198.0	4.47	45.334		
1,100.0	1,098.6	1,070.3	1,062.8	2.4	2.9	-83.33	202.8	83.7	216.9	211.8	5.05	42.958		
1,200.0	1,197.5	1,164.9	1,154.7	2.7	3.4	-82.61	214.8	102.8	232.7	227.1	5.68	40.981		
1,300.0	1,296.1	1,259.0	1,245.5	3.0	3.8	-82.14	228.0	123.6	250.1	243.7	6.37	39.274		
1,400.0	1,394.2	1,352.5	1,335.1	3.3	4.4	-81.87	242.3	146.2	268.9	261.8	7.12	37.766		
1,500.0	1,491.7	1,445.5	1,423.5	3.8	4.9	-81.77	257.6	170.4	289.1	281.1	7.94	36.397		
1,600.0	1,588.6	1,537.8	1,510.6	4.2	5.5	-81.79	273.9	196.3	310.7	301.8	8.84	35.143		
1,700.0	1,684.9	1,629.4	1,596.3	4.7	6.2	-81.91	291.3	223.8	333.6	323.8	9.82	33.986		
1,800.0	1,780.4	1,720.4	1,680.6	5.3	6.8	-82.10	309.6	252.8	357.9	347.1	10.88	32.914		
1,900.0	1,875.0	1,810.7	1,763.4	5.9	7.5	-82.34	328.8	283.2	383.6	371.6	12.02	31.918		
2,000.0	1,968.9	1,900.0	1,844.4	6.6	8.3	-82.61	348.8	314.9	410.6	397.3	13.25	30.999		
2,100.0	2,061.7	1,992.4	1,927.4	7.3	9.1	-82.95	370.5	349.2	438.7	424.2	14.59	30.076		
2,175.5	2,131.2	2,064.6	1,992.2	7.9	9.7	-83.36	387.5	376.2	460.0	444.3	15.68	29.344		
2,200.0	2,153.7	2,088.0	2,013.2	8.1	9.9	-83.62	393.0	384.9	466.9	450.9	16.05	29.100		
2,300.0	2,245.3	2,183.6	2,099.0	8.9	10.8	-84.59	415.6	420.6	495.1	477.6	17.57	28.187		
2,400.0	2,336.9	2,279.2	2,184.8	9.7	11.7	-85.46	438.1	456.3	523.5	504.4	19.11	27.397		
2,500.0	2,428.5	2,374.9	2,270.5	10.6	12.5	-86.24	460.7	492.1	551.9	531.3	20.66	26.710		
2,600.0	2,520.1	2,470.5	2,356.3	11.4	13.4	-86.95	483.3	527.8	580.5	558.2	22.23	26.108		
2,700.0	2,611.7	2,566.1	2,442.1	12.2	14.3	-87.59	505.8	563.5	609.1	585.3	23.81	25.578		
2,800.0	2,703.3	2,661.7	2,527.8	13.1	15.1	-88.17	528.4	599.2	637.7	612.3	25.40	25.109		
2,900.0	2,794.9	2,757.3	2,613.6	13.9	16.0	-88.70	551.0	635.0	666.5	639.5	26.99	24.691		
3,000.0	2,886.6	2,852.9	2,699.4	14.8	16.9	-89.19	573.5	670.7	695.2	666.6	28.59	24.317		
3,100.0	2,978.2	2,948.5	2,785.2	15.6	17.8	-89.64	596.1	706.4	724.0	693.8	30.19	23.980		
3,200.0	3,069.8	3,044.1	2,870.9	16.5	18.6	-90.05	618.6	742.1	752.9	721.1	31.80	23.676		
3,300.0	3,161.4	3,139.7	2,956.7	17.4	19.5	-90.43	641.2	777.8	781.8	748.4	33.41	23.400 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	119.9	0.3	119.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.13	119.9	0.3	119.9	119.6	0.22	533.310		
200.0	200.0	200.0	200.0	0.3	0.3	0.13	119.9	0.3	119.9	119.2	0.67	177.770		
300.0	300.0	300.0	300.0	0.6	0.6	0.13	119.9	0.3	119.9	118.7	1.12	106.662		
400.0	400.0	400.0	400.0	0.8	0.8	0.13	119.9	0.3	119.9	118.3	1.57	76.187		
500.0	500.0	500.0	500.0	1.0	1.0	0.13	119.9	0.3	119.9	117.8	2.02	59.257		
600.0	600.0	600.0	600.0	1.2	1.2	0.13	119.9	0.3	119.9	117.4	2.47	48.483 CC, ES		
700.0	700.0	698.5	698.5	1.4	1.5	-98.37	120.5	1.4	120.7	117.8	2.90	41.647		
800.0	799.9	796.9	796.8	1.7	1.7	-98.57	122.3	4.7	123.1	119.8	3.32	37.132		
900.0	899.7	895.3	895.0	1.9	1.9	-98.88	125.4	10.2	127.2	123.5	3.76	33.865		
1,000.0	999.3	993.5	992.8	2.1	2.1	-99.27	129.7	18.0	133.0	128.7	4.23	31.449		
1,100.0	1,098.6	1,091.6	1,090.3	2.4	2.4	-99.73	135.2	27.9	140.3	135.6	4.74	29.619		
1,200.0	1,197.5	1,189.5	1,187.2	2.7	2.7	-100.21	141.9	40.0	149.3	144.0	5.30	28.191		
1,300.0	1,296.1	1,287.2	1,283.5	3.0	3.0	-100.71	149.8	54.2	160.0	154.0	5.92	27.043		
1,400.0	1,394.2	1,384.6	1,379.0	3.3	3.3	-101.19	158.9	70.5	172.2	165.6	6.60	26.092		
1,500.0	1,491.7	1,481.6	1,473.8	3.8	3.7	-101.64	169.1	88.8	186.1	178.7	7.36	25.284		
1,600.0	1,588.6	1,578.4	1,567.7	4.2	4.1	-102.06	180.4	109.2	201.6	193.4	8.20	24.580		
1,700.0	1,684.9	1,674.7	1,660.6	4.7	4.6	-102.43	192.8	131.6	218.6	209.5	9.12	23.958		
1,800.0	1,780.4	1,770.7	1,752.5	5.3	5.1	-102.75	206.4	155.9	237.2	227.1	10.14	23.402		
1,900.0	1,875.0	1,866.2	1,843.2	5.9	5.6	-103.02	220.9	182.0	257.4	246.2	11.24	22.899		
2,000.0	1,968.9	1,961.3	1,932.7	6.6	6.2	-103.24	236.5	210.1	279.1	266.7	12.44	22.442		
2,100.0	2,061.7	2,055.9	2,020.9	7.3	6.9	-103.41	253.1	239.9	302.3	288.6	13.73	22.024		
2,175.5	2,131.2	2,127.0	2,086.6	7.9	7.4	-103.52	266.2	263.5	320.8	306.1	14.76	21.734		
2,200.0	2,153.7	2,150.0	2,107.8	8.1	7.6	-103.62	270.6	271.4	327.0	311.9	15.11	21.639		
2,300.0	2,245.3	2,243.7	2,193.4	8.9	8.3	-103.80	289.1	304.6	352.7	336.1	16.57	21.291		
2,400.0	2,336.9	2,338.9	2,279.6	9.7	9.1	-103.67	308.7	339.9	379.1	361.0	18.08	20.968		
2,500.0	2,428.5	2,435.3	2,366.9	10.6	9.9	-103.54	328.6	375.8	405.5	385.9	19.62	20.666		
2,600.0	2,520.1	2,531.8	2,454.1	11.4	10.7	-103.42	348.6	411.7	432.0	410.8	21.18	20.395		
2,700.0	2,611.7	2,628.2	2,541.4	12.2	11.5	-103.31	368.6	447.6	458.5	435.7	22.75	20.150		
2,800.0	2,703.3	2,724.6	2,628.6	13.1	12.4	-103.22	388.5	483.5	484.9	460.6	24.33	19.930		
2,900.0	2,794.9	2,821.1	2,715.9	13.9	13.2	-103.13	408.5	519.4	511.4	485.5	25.92	19.731		
3,000.0	2,886.6	2,917.5	2,803.1	14.8	14.0	-103.05	428.4	555.3	537.8	510.3	27.51	19.551		
3,100.0	2,978.2	3,013.9	2,890.4	15.6	14.9	-102.99	448.4	591.2	564.3	535.2	29.11	19.387		
3,200.0	3,069.8	3,110.4	2,977.6	16.5	15.7	-102.92	468.3	627.1	590.8	560.1	30.71	19.237		
3,300.0	3,161.4	3,206.8	3,064.9	17.4	16.6	-102.87	488.3	663.0	617.2	584.9	32.31	19.101		
3,400.0	3,253.0	3,303.2	3,152.1	18.2	17.4	-102.81	508.2	698.9	643.7	609.8	33.92	18.975		
3,500.0	3,344.6	3,399.7	3,239.4	19.1	18.3	-102.76	528.2	734.8	670.2	634.6	35.54	18.859		
3,600.0	3,436.2	3,496.1	3,326.6	19.9	19.1	-102.72	548.2	770.7	696.6	659.5	37.15	18.752		
3,700.0	3,527.9	3,592.5	3,413.9	20.8	20.0	-102.68	568.1	806.6	723.1	684.3	38.76	18.653		
3,800.0	3,619.5	3,688.9	3,501.1	21.7	20.8	-102.64	588.1	842.5	749.6	709.2	40.38	18.562		
3,900.0	3,711.1	3,785.4	3,588.4	22.5	21.7	-102.60	608.0	878.4	776.0	734.0	42.00	18.476 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	0.12	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	601.388		
200.0	200.0	200.0	200.0	0.3	0.3	0.12	135.2	0.3	135.2	134.5	0.67	200.463		
300.0	300.0	300.0	300.0	0.6	0.6	0.12	135.2	0.3	135.2	134.0	1.12	120.278		
400.0	400.0	400.0	400.0	0.8	0.8	0.12	135.2	0.3	135.2	133.6	1.57	85.913 CC, ES		
500.0	500.0	498.2	498.1	1.0	1.0	0.57	135.8	1.4	135.9	133.8	2.01	67.485		
600.0	600.0	596.2	596.1	1.2	1.2	1.90	137.8	4.6	137.9	135.5	2.45	56.247		
700.0	700.0	694.0	693.7	1.4	1.4	-94.88	141.1	9.9	141.7	138.8	2.89	49.027		
800.0	799.9	791.6	790.9	1.7	1.7	-93.49	145.7	17.4	147.2	143.9	3.33	44.196		
900.0	899.7	889.0	887.7	1.9	1.9	-92.40	151.6	26.9	154.5	150.7	3.80	40.649		
1,000.0	999.3	986.1	983.8	2.1	2.2	-91.58	158.7	38.5	163.5	159.2	4.31	37.960		
1,100.0	1,098.6	1,082.9	1,079.2	2.4	2.6	-91.02	167.1	52.1	174.1	169.2	4.86	35.849		
1,200.0	1,197.5	1,179.3	1,173.9	2.7	2.9	-90.68	176.7	67.7	186.3	180.9	5.46	34.134		
1,300.0	1,296.1	1,275.3	1,267.6	3.0	3.3	-90.52	187.5	85.3	200.2	194.0	6.12	32.696		
1,400.0	1,394.2	1,370.8	1,360.4	3.3	3.7	-90.51	199.5	104.8	215.6	208.7	6.85	31.455		
1,500.0	1,491.7	1,465.9	1,452.1	3.8	4.2	-90.61	212.6	126.1	232.5	224.9	7.66	30.362		
1,600.0	1,588.6	1,560.5	1,542.7	4.2	4.7	-90.79	226.9	149.2	251.1	242.5	8.54	29.385		
1,700.0	1,684.9	1,654.5	1,632.1	4.7	5.3	-91.03	242.2	174.1	271.1	261.6	9.51	28.503		
1,800.0	1,780.4	1,748.0	1,720.2	5.3	5.9	-91.30	258.6	200.7	292.7	282.1	10.57	27.702		
1,900.0	1,875.0	1,840.9	1,806.9	5.9	6.5	-91.58	276.0	229.0	315.8	304.1	11.71	26.972		
2,000.0	1,968.9	1,933.1	1,892.3	6.6	7.2	-91.87	294.3	258.8	340.4	327.4	12.94	26.305		
2,100.0	2,061.7	2,024.7	1,976.2	7.3	7.9	-92.15	313.6	290.1	366.4	352.2	14.26	25.695		
2,175.5	2,131.2	2,093.5	2,038.5	7.9	8.5	-92.36	328.8	314.7	387.0	371.7	15.32	25.271		
2,200.0	2,153.7	2,115.7	2,058.6	8.1	8.6	-92.52	333.8	322.9	393.9	378.2	15.67	25.133		
2,300.0	2,245.3	2,209.8	2,143.1	8.9	9.5	-93.04	355.5	358.2	422.5	405.3	17.18	24.596		
2,400.0	2,336.9	2,305.6	2,229.0	9.7	10.3	-93.49	377.6	394.1	451.1	432.4	18.71	24.108		
2,500.0	2,428.5	2,401.3	2,315.0	10.6	11.2	-93.89	399.8	430.1	479.7	459.5	20.26	23.677		
2,600.0	2,520.1	2,497.1	2,400.9	11.4	12.0	-94.24	421.9	466.0	508.4	486.6	21.83	23.295		
2,700.0	2,611.7	2,592.8	2,486.9	12.2	12.9	-94.55	444.0	502.0	537.1	513.7	23.40	22.954		
2,800.0	2,703.3	2,688.6	2,572.8	13.1	13.7	-94.84	466.2	537.9	565.8	540.8	24.98	22.649		
2,900.0	2,794.9	2,784.3	2,658.8	13.9	14.6	-95.09	488.3	573.9	594.5	568.0	26.57	22.376		
3,000.0	2,886.6	2,880.1	2,744.7	14.8	15.5	-95.32	510.5	609.8	623.3	595.1	28.16	22.129		
3,100.0	2,978.2	2,975.9	2,830.7	15.6	16.3	-95.54	532.6	645.8	652.0	622.2	29.76	21.905		
3,200.0	3,069.8	3,071.6	2,916.6	16.5	17.2	-95.73	554.7	681.7	680.7	649.4	31.37	21.702		
3,300.0	3,161.4	3,167.4	3,002.6	17.4	18.1	-95.91	576.9	717.7	709.5	676.5	32.97	21.516		
3,400.0	3,253.0	3,263.1	3,088.5	18.2	19.0	-96.07	599.0	753.6	738.2	703.6	34.58	21.346		
3,500.0	3,344.6	3,358.9	3,174.5	19.1	19.8	-96.22	621.1	789.6	767.0	730.8	36.20	21.190		
3,600.0	3,436.2	3,454.6	3,260.4	19.9	20.7	-96.36	643.3	825.5	795.7	757.9	37.81	21.046 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	104.9	0.3	104.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.15	104.9	0.3	104.9	104.7	0.22	466.854		
200.0	200.0	200.0	200.0	0.3	0.3	0.15	104.9	0.3	104.9	104.3	0.67	155.618 CC, ES		
300.0	300.0	298.8	298.8	0.6	0.6	0.78	105.5	1.4	105.5	104.4	1.12	94.553		
400.0	400.0	397.5	397.4	0.8	0.8	2.61	107.1	4.9	107.3	105.7	1.56	68.732		
500.0	500.0	495.9	495.6	1.0	1.0	5.53	109.8	10.6	110.4	108.4	2.01	54.924		
600.0	600.0	593.9	593.2	1.2	1.3	9.31	113.6	18.6	115.3	112.9	2.47	46.751		
700.0	700.0	691.6	690.2	1.4	1.5	-85.26	118.5	28.8	122.2	119.2	2.96	41.253		
800.0	799.9	788.9	786.5	1.7	1.8	-82.07	124.3	41.2	130.9	127.4	3.44	38.039		
900.0	899.7	885.8	882.1	1.9	2.2	-79.55	131.2	55.8	141.2	137.2	3.95	35.761		
1,000.0	999.3	982.4	976.9	2.1	2.6	-77.64	139.1	72.4	152.9	148.5	4.49	34.067		
1,100.0	1,098.6	1,078.5	1,070.8	2.4	3.0	-76.24	148.0	91.2	166.1	161.0	5.07	32.734		
1,200.0	1,197.5	1,174.3	1,163.7	2.7	3.4	-75.27	157.8	112.0	180.4	174.7	5.71	31.623		
1,300.0	1,296.1	1,269.5	1,255.6	3.0	3.9	-74.65	168.6	134.7	196.0	189.6	6.40	30.645		
1,400.0	1,394.2	1,364.3	1,346.4	3.3	4.4	-74.31	180.3	159.4	212.8	205.6	7.15	29.754		
1,500.0	1,491.7	1,458.6	1,436.0	3.8	5.0	-74.19	192.9	186.0	230.6	222.6	7.98	28.910		
1,600.0	1,588.6	1,552.4	1,524.3	4.2	5.6	-74.23	206.3	214.4	249.6	240.7	8.88	28.105		
1,700.0	1,684.9	1,645.7	1,611.4	4.7	6.3	-74.40	220.6	244.6	269.7	259.8	9.87	27.331		
1,800.0	1,780.4	1,738.4	1,697.1	5.3	7.0	-74.65	235.7	276.5	290.8	279.9	10.94	26.591		
1,900.0	1,875.0	1,834.4	1,785.2	5.9	7.8	-75.09	252.1	311.0	312.6	300.5	12.12	25.794		
2,000.0	1,968.9	1,931.9	1,874.6	6.6	8.5	-75.87	268.7	346.1	334.0	320.5	13.41	24.905		
2,100.0	2,061.7	2,029.3	1,964.0	7.3	9.3	-76.94	285.3	381.2	354.8	340.0	14.80	23.975		
2,175.5	2,131.2	2,102.8	2,031.4	7.9	9.9	-77.91	297.9	407.7	370.3	354.4	15.92	23.268		
2,200.0	2,153.7	2,126.7	2,053.3	8.1	10.1	-78.32	301.9	416.2	375.3	359.0	16.29	23.037		
2,300.0	2,245.3	2,224.0	2,142.5	8.9	10.9	-79.87	318.5	451.3	396.0	378.1	17.85	22.189		
2,400.0	2,336.9	2,321.3	2,231.8	9.7	11.7	-81.27	335.1	486.3	416.9	397.5	19.42	21.467		
2,500.0	2,428.5	2,418.6	2,321.0	10.6	12.5	-82.53	351.7	521.4	438.0	417.0	21.01	20.850		
2,600.0	2,520.1	2,515.9	2,410.3	11.4	13.3	-83.68	368.3	556.4	459.3	436.7	22.61	20.318		
2,700.0	2,611.7	2,613.2	2,499.5	12.2	14.1	-84.73	384.9	591.4	480.8	456.6	24.21	19.857		
2,800.0	2,703.3	2,710.5	2,588.8	13.1	14.9	-85.69	401.5	626.5	502.4	476.6	25.83	19.453		
2,900.0	2,794.9	2,807.8	2,678.0	13.9	15.7	-86.57	418.1	661.5	524.2	496.7	27.44	19.099		
3,000.0	2,886.6	2,905.1	2,767.3	14.8	16.6	-87.38	434.7	696.6	546.0	516.9	29.07	18.785		
3,100.0	2,978.2	3,002.4	2,856.5	15.6	17.4	-88.13	451.3	731.6	568.0	537.3	30.69	18.507		
3,200.0	3,069.8	3,099.7	2,945.7	16.5	18.2	-88.82	467.9	766.6	590.0	557.7	32.31	18.258		
3,300.0	3,161.4	3,197.0	3,035.0	17.4	19.0	-89.46	484.5	801.7	612.1	578.2	33.94	18.034		
3,400.0	3,253.0	3,294.3	3,124.2	18.2	19.8	-90.06	501.1	836.7	634.3	598.7	35.57	17.832		
3,500.0	3,344.6	3,391.6	3,213.5	19.1	20.6	-90.62	517.7	871.8	656.5	619.3	37.20	17.649		
3,600.0	3,436.2	3,488.9	3,302.7	19.9	21.4	-91.14	534.3	906.8	678.8	640.0	38.83	17.483		
3,700.0	3,527.9	3,586.2	3,392.0	20.8	22.2	-91.63	550.9	941.8	701.1	660.7	40.46	17.331		
3,800.0	3,619.5	3,683.5	3,481.2	21.7	23.0	-92.09	567.5	976.9	723.5	681.4	42.08	17.192		
3,900.0	3,711.1	3,780.8	3,570.5	22.5	23.8	-92.52	584.1	1,011.9	746.0	702.2	43.71	17.065		
4,000.0	3,802.7	3,878.1	3,659.7	23.4	24.7	-92.92	600.7	1,047.0	768.4	723.1	45.34	16.947		
4,100.0	3,894.3	3,975.4	3,748.9	24.3	25.5	-93.30	617.3	1,082.0	790.9	744.0	46.97	16.838 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	0.18	90.0	0.3	90.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.18	90.0	0.3	90.0	89.8	0.22	400.380		
200.0	200.0	200.0	200.0	0.3	0.3	0.18	90.0	0.3	90.0	89.3	0.67	133.460		
300.0	300.0	300.0	300.0	0.6	0.6	0.18	90.0	0.3	90.0	88.9	1.12	80.076		
400.0	400.0	400.0	400.0	0.8	0.8	0.18	90.0	0.3	90.0	88.4	1.57	57.197 CC		
500.0	500.0	499.3	499.3	1.0	1.0	0.96	90.4	1.5	90.4	88.4	2.01	44.910 ES		
600.0	600.0	598.4	598.3	1.2	1.2	3.24	91.5	5.2	91.7	89.3	2.45	37.415		
700.0	700.0	697.3	697.0	1.4	1.4	-92.29	93.5	11.3	94.2	91.4	2.89	32.619		
800.0	799.9	796.1	795.4	1.7	1.7	-89.70	96.2	19.8	98.1	94.8	3.34	29.426		
900.0	899.7	894.7	893.3	1.9	2.0	-87.47	99.6	30.8	103.3	99.5	3.81	27.098		
1,000.0	999.3	993.1	990.7	2.1	2.2	-85.65	103.8	44.1	109.8	105.4	4.33	25.342		
1,100.0	1,098.6	1,091.3	1,087.5	2.4	2.6	-84.19	108.8	59.8	117.4	112.5	4.90	23.967		
1,200.0	1,197.5	1,189.2	1,183.6	2.7	2.9	-83.09	114.5	77.8	126.1	120.6	5.52	22.847		
1,300.0	1,296.1	1,286.9	1,279.0	3.0	3.4	-82.29	120.9	98.0	135.9	129.7	6.20	21.902		
1,400.0	1,394.2	1,384.3	1,373.5	3.3	3.8	-81.75	128.0	120.6	146.7	139.8	6.96	21.077		
1,500.0	1,491.7	1,481.5	1,467.1	3.8	4.3	-81.41	135.8	145.3	158.6	150.8	7.80	20.341		
1,600.0	1,588.6	1,578.3	1,559.7	4.2	4.8	-81.25	144.3	172.2	171.5	162.8	8.72	19.672		
1,700.0	1,684.9	1,674.9	1,651.3	4.7	5.4	-81.22	153.5	201.3	185.4	175.7	9.73	19.056		
1,800.0	1,780.4	1,771.1	1,741.8	5.3	6.1	-81.29	163.3	232.4	200.3	189.5	10.84	18.486		
1,900.0	1,875.0	1,866.9	1,831.1	5.9	6.7	-81.44	173.8	265.6	216.2	204.1	12.04	17.955		
2,000.0	1,968.9	1,964.3	1,921.1	6.6	7.5	-81.74	185.0	301.1	232.8	219.4	13.35	17.440		
2,100.0	2,061.7	2,062.8	2,012.0	7.3	8.2	-82.53	196.4	337.2	249.2	234.4	14.77	16.875		
2,175.5	2,131.2	2,137.2	2,080.7	7.9	8.8	-83.43	205.0	364.5	261.4	245.5	15.90	16.439		
2,200.0	2,153.7	2,161.3	2,102.9	8.1	9.0	-83.81	207.8	373.3	265.4	249.1	16.28	16.298		
2,300.0	2,245.3	2,259.7	2,193.8	8.9	9.8	-85.25	219.2	409.4	281.7	263.8	17.85	15.779		
2,400.0	2,336.9	2,358.1	2,284.6	9.7	10.5	-86.54	230.6	445.5	298.1	278.7	19.44	15.339		
2,500.0	2,428.5	2,456.6	2,375.5	10.6	11.3	-87.69	242.0	481.6	314.7	293.7	21.03	14.962		
2,600.0	2,520.1	2,555.0	2,466.4	11.4	12.1	-88.73	253.4	517.7	331.4	308.8	22.64	14.637		
2,700.0	2,611.7	2,653.4	2,557.2	12.2	12.9	-89.67	264.8	553.8	348.2	323.9	24.25	14.356		
2,800.0	2,703.3	2,751.8	2,648.1	13.1	13.7	-90.52	276.2	589.9	365.1	339.2	25.87	14.110		
2,900.0	2,794.9	2,850.3	2,738.9	13.9	14.5	-91.29	287.6	626.0	382.0	354.5	27.49	13.894		
3,000.0	2,886.6	2,948.7	2,829.8	14.8	15.3	-92.00	299.0	662.1	399.0	369.9	29.12	13.703		
3,100.0	2,978.2	3,047.1	2,920.7	15.6	16.1	-92.65	310.4	698.2	416.1	385.3	30.75	13.533		
3,200.0	3,069.8	3,145.6	3,011.5	16.5	16.8	-93.26	321.8	734.2	433.2	400.8	32.37	13.380		
3,300.0	3,161.4	3,244.0	3,102.4	17.4	17.6	-93.81	333.2	770.3	450.3	416.3	34.00	13.243		
3,400.0	3,253.0	3,342.4	3,193.2	18.2	18.4	-94.33	344.6	806.4	467.5	431.9	35.63	13.120		
3,500.0	3,344.6	3,440.8	3,284.1	19.1	19.2	-94.80	356.0	842.5	484.7	447.5	37.26	13.008		
3,600.0	3,436.2	3,539.3	3,375.0	19.9	20.0	-95.25	367.4	878.6	502.0	463.1	38.90	12.906		
3,700.0	3,527.9	3,637.7	3,465.8	20.8	20.8	-95.66	378.8	914.7	519.3	478.7	40.53	12.813		
3,800.0	3,619.5	3,736.1	3,556.7	21.7	21.6	-96.05	390.2	950.8	536.6	494.4	42.16	12.727		
3,900.0	3,711.1	3,834.5	3,647.5	22.5	22.4	-96.42	401.6	986.9	553.9	510.1	43.79	12.649		
4,000.0	3,802.7	3,933.0	3,738.4	23.4	23.2	-96.76	413.0	1,023.0	571.3	525.8	45.42	12.576		
4,100.0	3,894.3	4,031.4	3,829.3	24.3	24.0	-97.08	424.4	1,059.1	588.6	541.6	47.05	12.509		
4,200.0	3,985.9	4,129.8	3,920.1	25.1	24.8	-97.39	435.8	1,095.2	606.0	557.3	48.69	12.447		
4,300.0	4,077.5	4,228.3	4,011.0	26.0	25.6	-97.67	447.2	1,131.3	623.4	573.1	50.32	12.389		
4,400.0	4,169.1	4,326.7	4,101.8	26.9	26.4	-97.94	458.7	1,167.4	640.8	588.9	51.95	12.335		
4,500.0	4,260.8	4,425.1	4,192.7	27.7	27.2	-98.20	470.1	1,203.4	658.2	604.7	53.58	12.285		
4,600.0	4,352.4	4,523.5	4,283.6	28.6	28.0	-98.45	481.5	1,239.5	675.7	620.5	55.21	12.238		
4,700.0	4,444.0	4,622.0	4,374.4	29.5	28.8	-98.68	492.9	1,275.6	693.1	636.3	56.84	12.194		
4,800.0	4,535.6	4,720.4	4,465.3	30.3	29.6	-98.90	504.3	1,311.7	710.6	652.1	58.47	12.152		
4,900.0	4,627.2	4,818.8	4,556.1	31.2	30.4	-99.11	515.7	1,347.8	728.1	668.0	60.10	12.113		
5,000.0	4,718.8	4,917.3	4,647.0	32.1	31.2	-99.31	527.1	1,383.9	745.5	683.8	61.74	12.076		

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 TA-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 TA-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 #2 (10-27-17)	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 P-27-28HN - Wellbore #1 - Plan #2 (10-19-1)												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	4,810.4	5,015.7	4,737.9	32.9	32.0	-99.50	538.5	1,420.0	763.0	699.7	63.37	12.042	
5,144.9	4,851.6	5,059.9	4,778.7	33.3	32.4	-99.58	543.6	1,436.2	770.9	706.8	64.10	12.027	
5,200.0	4,902.3	5,114.1	4,828.7	33.7	32.8	-99.83	549.9	1,456.1	780.4	715.5	64.96	12.014	
5,300.0	4,995.3	5,212.7	4,919.7	34.4	33.6	-100.08	561.3	1,492.2	797.3	730.9	66.40	12.008 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	0.26	60.1	0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.26	60.1	0.3	60.1	59.9	0.22	267.468		
200.0	200.0	200.0	200.0	0.3	0.3	0.26	60.1	0.3	60.1	59.4	0.67	89.156 CC		
300.0	300.0	299.6	299.6	0.6	0.6	1.47	60.4	1.5	60.4	59.3	1.12	54.177 ES		
400.0	400.0	399.1	399.0	0.8	0.8	4.98	61.3	5.3	61.5	59.9	1.56	39.428		
500.0	500.0	498.3	498.0	1.0	1.0	10.52	62.7	11.6	63.8	61.8	2.01	31.726		
600.0	600.0	597.2	596.4	1.2	1.3	17.52	64.6	20.4	67.9	65.4	2.47	27.519		
700.0	700.0	695.6	694.2	1.4	1.5	-74.10	67.1	31.6	74.1	71.1	2.97	24.953		
800.0	799.9	793.7	791.4	1.7	1.9	-68.74	70.2	45.2	81.9	78.5	3.45	23.776		
900.0	899.7	891.6	887.8	1.9	2.2	-64.70	73.8	61.2	91.1	87.2	3.95	23.075		
1,000.0	999.3	989.1	983.5	2.1	2.6	-61.73	77.9	79.5	101.3	96.8	4.48	22.622		
1,100.0	1,098.6	1,086.3	1,078.4	2.4	3.0	-59.62	82.5	100.2	112.4	107.4	5.04	22.283		
1,200.0	1,197.5	1,183.2	1,172.4	2.7	3.5	-58.18	87.7	123.1	124.2	118.6	5.65	21.983		
1,300.0	1,296.1	1,279.8	1,265.5	3.0	4.0	-57.24	93.3	148.2	136.7	130.4	6.31	21.679		
1,400.0	1,394.2	1,376.0	1,357.5	3.3	4.5	-56.70	99.4	175.5	149.9	142.8	7.02	21.351		
1,500.0	1,491.7	1,471.9	1,448.5	3.8	5.1	-56.45	106.0	205.0	163.6	155.8	7.80	20.980		
1,600.0	1,588.6	1,567.4	1,538.4	4.2	5.8	-56.44	113.1	236.6	177.8	169.2	8.64	20.575		
1,700.0	1,684.9	1,665.3	1,629.9	4.7	6.5	-56.72	120.8	270.6	192.2	182.6	9.58	20.059		
1,800.0	1,780.4	1,764.4	1,722.4	5.3	7.2	-57.56	128.5	305.2	205.3	194.7	10.62	19.324		
1,900.0	1,875.0	1,863.5	1,815.0	5.9	7.9	-58.88	136.3	339.7	217.0	205.3	11.77	18.434		
2,000.0	1,968.9	1,962.7	1,907.6	6.6	8.7	-60.64	144.0	374.3	227.7	214.6	13.05	17.448		
2,100.0	2,061.7	2,061.8	2,000.2	7.3	9.4	-62.79	151.8	408.9	237.3	222.9	14.46	16.416		
2,175.5	2,131.2	2,136.6	2,070.0	7.9	9.9	-64.66	157.6	435.0	244.1	228.5	15.61	15.634		
2,200.0	2,153.7	2,160.8	2,092.6	8.1	10.1	-65.32	159.5	443.4	246.2	230.2	16.00	15.387		
2,300.0	2,245.3	2,259.7	2,185.0	8.9	10.9	-67.92	167.3	477.9	255.4	237.8	17.62	14.491		
2,400.0	2,336.9	2,358.6	2,277.4	9.7	11.6	-70.33	175.0	512.4	265.0	245.7	19.27	13.750		
2,500.0	2,428.5	2,457.6	2,369.8	10.6	12.3	-72.57	182.8	546.9	275.1	254.1	20.94	13.133		
2,600.0	2,520.1	2,556.5	2,462.2	11.4	13.1	-74.65	190.5	581.4	285.5	262.9	22.63	12.618		
2,700.0	2,611.7	2,655.4	2,554.6	12.2	13.8	-76.58	198.3	615.9	296.3	272.0	24.32	12.185		
2,800.0	2,703.3	2,754.4	2,647.0	13.1	14.6	-78.38	206.0	650.5	307.4	281.4	26.01	11.819		
2,900.0	2,794.9	2,853.3	2,739.4	13.9	15.3	-80.05	213.7	685.0	318.8	291.1	27.70	11.508		
3,000.0	2,886.6	2,952.2	2,831.7	14.8	16.1	-81.60	221.5	719.5	330.5	301.1	29.39	11.242		
3,100.0	2,978.2	3,051.2	2,924.1	15.6	16.8	-83.05	229.2	754.0	342.3	311.2	31.08	11.014		
3,200.0	3,069.8	3,150.1	3,016.5	16.5	17.6	-84.40	237.0	788.5	354.4	321.6	32.76	10.817		
3,300.0	3,161.4	3,249.0	3,108.9	17.4	18.3	-85.67	244.7	823.0	366.6	332.2	34.44	10.646		
3,400.0	3,253.0	3,347.9	3,201.3	18.2	19.0	-86.85	252.4	857.5	379.1	343.0	36.11	10.498		
3,500.0	3,344.6	3,446.9	3,293.7	19.1	19.8	-87.95	260.2	892.0	391.6	353.9	37.77	10.368		
3,600.0	3,436.2	3,545.8	3,386.1	19.9	20.5	-88.99	267.9	926.5	404.3	364.9	39.43	10.254		
3,700.0	3,527.9	3,644.7	3,478.5	20.8	21.3	-89.96	275.7	961.0	417.2	376.1	41.08	10.154		
3,800.0	3,619.5	3,743.7	3,570.9	21.7	22.0	-90.88	283.4	995.5	430.1	387.4	42.73	10.066		
3,900.0	3,711.1	3,842.6	3,663.3	22.5	22.8	-91.74	291.2	1,030.0	443.1	398.8	44.37	9.987		
4,000.0	3,802.7	3,941.5	3,755.7	23.4	23.5	-92.56	298.9	1,064.5	456.3	410.3	46.00	9.918		
4,100.0	3,894.3	4,040.5	3,848.1	24.3	24.3	-93.32	306.6	1,099.0	469.5	421.9	47.63	9.856		
4,200.0	3,985.9	4,139.4	3,940.5	25.1	25.0	-94.05	314.4	1,133.5	482.8	433.5	49.26	9.801		
4,300.0	4,077.5	4,238.3	4,032.9	26.0	25.8	-94.74	322.1	1,168.0	496.2	445.3	50.88	9.752		
4,400.0	4,169.1	4,337.3	4,125.3	26.9	26.5	-95.39	329.9	1,202.5	509.6	457.1	52.49	9.708		
4,500.0	4,260.8	4,436.2	4,217.7	27.7	27.3	-96.00	337.6	1,237.1	523.1	469.0	54.10	9.669		
4,600.0	4,352.4	4,535.1	4,310.1	28.6	28.0	-96.59	345.3	1,271.6	536.7	481.0	55.71	9.633		
4,700.0	4,444.0	4,634.0	4,402.4	29.5	28.8	-97.15	353.1	1,306.1	550.3	493.0	57.31	9.601		
4,800.0	4,535.6	4,733.0	4,494.8	30.3	29.5	-97.68	360.8	1,340.6	563.9	505.0	58.91	9.573		
4,900.0	4,627.2	4,831.9	4,587.2	31.2	30.3	-98.18	368.6	1,375.1	577.6	517.1	60.50	9.547		
5,000.0	4,718.8	4,930.8	4,679.6	32.1	31.0	-98.67	376.3	1,409.6	591.4	529.3	62.10	9.523		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,029.8	4,772.0	32.9	31.8	-99.13	384.1	1,444.1	605.2	541.5	63.69	9.502		
5,144.9	4,851.6	5,074.2	4,813.5	33.3	32.1	-99.33	387.5	1,459.6	611.4	547.0	64.40	9.493		
5,200.0	4,902.3	5,128.7	4,864.5	33.7	32.5	-99.67	391.8	1,478.6	618.9	553.7	65.23	9.488		
5,300.0	4,995.3	5,227.8	4,957.0	34.4	33.3	-100.02	399.6	1,513.2	632.1	565.5	66.62	9.489		
5,400.0	5,089.5	5,327.0	5,049.6	35.0	34.0	-100.05	407.3	1,547.8	644.7	576.8	67.95	9.488		
5,500.0	5,184.9	5,426.1	5,142.2	35.5	34.8	-99.78	415.1	1,582.3	656.8	587.6	69.24	9.486		
5,600.0	5,281.2	5,525.0	5,234.5	35.9	35.5	-99.22	422.8	1,616.8	668.3	597.9	70.46	9.486		
5,700.0	5,378.4	5,626.5	5,329.5	36.4	36.2	-98.41	430.6	1,651.7	679.4	607.9	71.55	9.496		
5,800.0	5,476.4	5,730.8	5,428.3	36.7	36.8	-97.56	438.0	1,684.4	689.5	617.0	72.44	9.518		
5,900.0	5,575.0	5,835.7	5,528.8	37.0	37.3	-96.72	444.6	1,713.8	698.5	625.3	73.21	9.541		
6,000.0	5,674.2	5,941.3	5,631.0	37.2	37.8	-95.88	450.4	1,739.7	706.4	632.5	73.85	9.565		
6,100.0	5,773.7	6,047.6	5,734.7	37.4	38.1	-95.04	455.4	1,762.0	713.1	638.7	74.37	9.589		
6,200.0	5,873.5	6,154.4	5,839.8	37.6	38.5	-94.21	459.6	1,780.7	718.7	643.9	74.76	9.613		
6,300.0	5,973.5	6,261.8	5,946.1	37.7	38.8	-93.36	462.9	1,795.6	723.1	648.1	75.04	9.636		
6,326.5	6,000.0	6,290.4	5,974.5	37.7	38.8	5.30	463.7	1,798.9	724.1	686.1	37.98	19.066		
6,400.0	6,073.5	6,369.8	6,053.5	37.8	39.0	5.90	465.4	1,806.6	726.4	688.0	38.37	18.934		
6,500.0	6,173.5	6,478.5	6,162.0	37.8	39.2	6.44	467.0	1,813.7	728.6	689.8	38.82	18.767		
6,600.0	6,273.5	6,587.6	6,271.0	37.9	39.3	6.68	467.7	1,816.8	729.5	690.4	39.18	18.621		
6,700.0	6,373.5	6,690.0	6,373.5	38.0	39.3	6.69	467.7	1,817.0	729.6	690.1	39.46	18.491		
6,759.5	6,433.0	6,749.5	6,433.0	38.0	39.4	6.69	467.7	1,817.0	729.6	690.0	39.62	18.414		
6,800.0	6,473.4	6,790.0	6,473.4	38.0	39.4	97.41	467.7	1,817.0	729.7	653.9	75.82	9.625		
6,850.0	6,523.2	6,839.8	6,523.2	38.0	39.5	97.71	467.7	1,817.0	730.3	654.6	75.78	9.637		
6,900.0	6,572.6	6,889.1	6,572.6	38.0	39.5	98.24	467.7	1,817.0	731.5	655.8	75.67	9.667		
6,950.0	6,621.2	6,937.8	6,621.2	37.9	39.5	98.96	467.7	1,817.0	733.2	657.7	75.48	9.714		
7,000.0	6,669.0	6,990.3	6,673.7	37.8	39.6	99.94	467.7	1,816.5	735.7	660.5	75.20	9.784		
7,050.0	6,715.6	7,049.8	6,733.0	37.7	39.6	101.04	467.7	1,811.9	738.4	663.6	74.80	9.873		
7,100.0	6,760.8	7,111.0	6,793.4	37.5	39.5	102.09	467.6	1,802.1	741.3	667.0	74.31	9.976		
7,150.0	6,804.4	7,174.1	6,854.5	37.4	39.4	103.10	467.4	1,786.6	744.2	670.5	73.75	10.092		
7,200.0	6,846.2	7,238.9	6,915.7	37.2	39.2	104.04	467.1	1,765.1	747.1	674.0	73.14	10.215		
7,250.0	6,886.0	7,305.5	6,976.2	37.1	39.0	104.90	466.8	1,737.3	749.9	677.4	72.50	10.343		
7,300.0	6,923.6	7,373.7	7,035.3	37.0	38.8	105.68	466.5	1,703.2	752.5	680.7	71.86	10.472		
7,350.0	6,958.8	7,443.6	7,092.1	36.9	38.6	106.36	466.0	1,662.6	754.9	683.6	71.26	10.594		
7,400.0	6,991.4	7,514.8	7,145.7	36.8	38.3	106.93	465.5	1,615.7	756.9	686.2	70.72	10.704		
7,450.0	7,021.3	7,587.3	7,195.1	36.7	38.1	107.38	464.9	1,562.8	758.6	688.3	70.28	10.794		
7,500.0	7,048.3	7,660.7	7,239.5	36.7	38.0	107.70	464.3	1,504.4	759.8	689.8	69.98	10.857		
7,550.0	7,072.4	7,734.6	7,278.0	36.8	37.9	107.89	463.6	1,441.3	760.5	690.6	69.84	10.888		
7,600.0	7,093.3	7,808.9	7,309.8	36.8	37.9	107.94	462.8	1,374.2	760.6	690.7	69.89	10.883		
7,650.0	7,111.0	7,883.1	7,334.5	36.9	37.9	107.84	462.0	1,304.3	760.3	690.2	70.15	10.838		
7,700.0	7,125.4	7,957.0	7,351.8	37.1	38.1	107.61	461.3	1,232.5	759.5	688.8	70.61	10.756		
7,750.0	7,136.5	8,030.1	7,361.6	37.3	38.3	107.25	460.5	1,160.1	758.1	686.9	71.26	10.639		
7,800.0	7,144.0	8,097.9	7,364.0	37.5	38.6	106.80	459.7	1,092.4	756.4	684.4	72.03	10.501		
7,850.0	7,148.2	8,147.7	7,364.1	37.8	38.9	106.59	459.2	1,042.5	755.2	682.5	72.74	10.382		
7,883.0	7,149.0	8,180.7	7,364.1	38.0	39.1	106.55	458.8	1,009.5	755.0	681.8	73.20	10.314		
7,884.3	7,149.0	8,182.0	7,364.1	38.0	39.1	106.55	458.8	1,008.3	755.0	681.8	73.22	10.312		
7,884.4	7,149.0	8,182.1	7,364.1	38.0	39.1	106.55	458.8	1,008.2	755.0	681.8	73.22	10.312		
7,885.3	7,149.0	8,183.0	7,364.1	38.0	39.1	106.55	458.8	1,007.2	755.0	681.8	73.23	10.310		
7,900.0	7,149.0	8,197.7	7,364.1	38.1	39.2	106.55	458.6	992.6	755.0	681.6	73.42	10.284		
8,000.0	7,149.0	8,297.7	7,364.2	38.9	40.0	106.56	457.5	892.6	755.1	680.1	74.99	10.069		
8,100.0	7,149.0	8,397.7	7,364.3	39.8	40.9	106.57	456.4	792.6	755.1	678.2	76.90	9.819		
8,200.0	7,149.0	8,497.7	7,364.4	40.9	42.0	106.57	455.3	692.6	755.1	676.0	79.14	9.541		
8,300.0	7,149.0	8,597.7	7,364.5	42.2	43.3	106.58	454.2	592.6	755.2	673.5	81.68	9.246		
8,400.0	7,149.0	8,697.7	7,364.6	43.6	44.7	106.59	453.1	492.6	755.2	670.7	84.48	8.940		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	8,797.7	7,364.7	45.2	46.3	106.59	452.0	392.6	755.3	667.7	87.53	8.629		
8,600.0	7,149.0	8,897.7	7,364.8	46.8	48.0	106.60	451.0	292.6	755.3	664.5	90.79	8.319		
8,700.0	7,149.0	8,997.7	7,364.9	48.6	49.7	106.61	449.9	192.6	755.3	661.1	94.25	8.014		
8,800.0	7,149.0	9,097.7	7,365.0	50.5	51.6	106.61	448.8	92.6	755.4	657.5	97.89	7.717		
8,900.0	7,149.0	9,197.7	7,365.1	52.5	53.6	106.62	447.7	-7.4	755.4	653.7	101.68	7.429		
9,000.0	7,149.0	9,297.7	7,365.2	54.5	55.6	106.63	446.6	-107.4	755.5	649.8	105.62	7.153		
9,100.0	7,149.0	9,397.7	7,365.3	56.6	57.7	106.63	445.5	-207.4	755.5	645.8	109.67	6.889		
9,200.0	7,149.0	9,497.7	7,365.4	58.8	59.9	106.64	444.4	-307.4	755.5	641.7	113.84	6.637		
9,300.0	7,149.0	9,597.7	7,365.5	61.0	62.1	106.65	443.3	-407.4	755.6	637.5	118.11	6.398		
9,400.0	7,149.0	9,697.7	7,365.6	63.2	64.3	106.65	442.2	-507.3	755.6	633.2	122.46	6.170		
9,500.0	7,149.0	9,797.7	7,365.7	65.5	66.6	106.66	441.1	-607.3	755.7	628.8	126.90	5.955		
9,600.0	7,149.0	9,897.7	7,365.8	67.9	69.0	106.67	440.0	-707.3	755.7	624.3	131.40	5.751		
9,700.0	7,149.0	9,997.7	7,365.8	70.3	71.3	106.67	438.9	-807.3	755.8	619.8	135.97	5.558		
9,800.0	7,149.0	10,097.7	7,365.9	72.7	73.7	106.68	437.8	-907.3	755.8	615.2	140.60	5.375		
9,900.0	7,149.0	10,197.7	7,366.0	75.1	76.2	106.69	436.7	-1,007.3	755.8	610.6	145.28	5.202		
10,000.0	7,149.0	10,297.7	7,366.1	77.6	78.6	106.69	435.6	-1,107.3	755.9	605.9	150.01	5.039		
10,100.0	7,149.0	10,397.7	7,366.2	80.1	81.1	106.70	434.5	-1,207.3	755.9	601.1	154.78	4.884		
10,200.0	7,149.0	10,497.7	7,366.3	82.6	83.6	106.71	433.4	-1,307.3	756.0	596.4	159.59	4.737		
10,300.0	7,149.0	10,597.7	7,366.4	85.1	86.1	106.71	432.3	-1,407.3	756.0	591.6	164.44	4.597		
10,400.0	7,149.0	10,697.7	7,366.5	87.6	88.7	106.72	431.3	-1,507.3	756.0	586.7	169.32	4.465		
10,500.0	7,149.0	10,797.7	7,366.6	90.2	91.2	106.73	430.2	-1,607.3	756.1	581.9	174.23	4.340		
10,600.0	7,149.0	10,897.7	7,366.7	92.8	93.8	106.73	429.1	-1,707.3	756.1	577.0	179.17	4.220		
10,700.0	7,149.0	10,997.7	7,366.8	95.4	96.4	106.74	428.0	-1,807.3	756.2	572.0	184.13	4.107		
10,800.0	7,149.0	11,097.7	7,366.9	98.0	99.0	106.75	426.9	-1,907.3	756.2	567.1	189.11	3.999		
10,900.0	7,149.0	11,197.7	7,367.0	100.6	101.6	106.75	425.8	-2,007.3	756.2	562.1	194.12	3.896		
11,000.0	7,149.0	11,297.7	7,367.1	103.2	104.2	106.76	424.7	-2,107.3	756.3	557.1	199.14	3.798		
11,100.0	7,149.0	11,397.7	7,367.2	105.8	106.8	106.77	423.6	-2,207.2	756.3	552.1	204.19	3.704		
11,200.0	7,149.0	11,497.7	7,367.3	108.5	109.4	106.78	422.5	-2,307.2	756.4	547.1	209.25	3.615		
11,300.0	7,149.0	11,597.7	7,367.4	111.1	112.1	106.78	421.4	-2,407.2	756.4	542.1	214.32	3.529		
11,400.0	7,149.0	11,697.7	7,367.5	113.8	114.7	106.79	420.3	-2,507.2	756.5	537.0	219.41	3.448		
11,500.0	7,149.0	11,797.7	7,367.6	116.4	117.4	106.80	419.2	-2,607.2	756.5	532.0	224.52	3.369		
11,600.0	7,149.0	11,897.7	7,367.7	119.1	120.1	106.80	418.1	-2,707.2	756.5	526.9	229.64	3.294		
11,700.0	7,149.0	11,997.7	7,367.8	121.8	122.7	106.81	417.0	-2,807.2	756.6	521.8	234.76	3.223		
11,800.0	7,149.0	12,097.7	7,367.9	124.5	125.4	106.82	415.9	-2,907.2	756.6	516.7	239.90	3.154		
11,900.0	7,149.0	12,197.7	7,368.0	127.2	128.1	106.82	414.8	-3,007.2	756.7	511.6	245.05	3.088		
12,000.0	7,149.0	12,297.7	7,368.1	129.9	130.8	106.83	413.7	-3,107.2	756.7	506.5	250.21	3.024		
12,100.0	7,149.0	12,397.7	7,368.2	132.5	133.5	106.84	412.6	-3,207.2	756.7	501.4	255.38	2.963		
12,200.0	7,149.0	12,497.7	7,368.3	135.3	136.2	106.84	411.5	-3,307.2	756.8	496.2	260.56	2.904		
12,300.0	7,149.0	12,597.7	7,368.4	138.0	138.9	106.85	410.5	-3,407.2	756.8	491.1	265.74	2.848		
12,400.0	7,149.0	12,697.7	7,368.5	140.7	141.6	106.86	409.4	-3,507.2	756.9	485.9	270.93	2.794		
12,500.0	7,149.0	12,797.7	7,368.6	143.4	144.3	106.86	408.3	-3,607.2	756.9	480.8	276.13	2.741		
12,600.0	7,149.0	12,897.7	7,368.7	146.1	147.0	106.87	407.2	-3,707.2	756.9	475.6	281.34	2.691		
12,700.0	7,149.0	12,997.7	7,368.8	148.8	149.7	106.88	406.1	-3,807.1	757.0	470.4	286.55	2.642		
12,800.0	7,149.0	13,097.7	7,368.8	151.6	152.5	106.88	405.0	-3,907.1	757.0	465.3	291.77	2.595		
12,900.0	7,149.0	13,197.7	7,368.9	154.3	155.2	106.89	403.9	-4,007.1	757.1	460.1	296.99	2.549		
13,000.0	7,149.0	13,297.7	7,369.0	157.0	157.9	106.90	402.8	-4,107.1	757.1	454.9	302.22	2.505		
13,100.0	7,149.0	13,397.7	7,369.1	159.7	160.6	106.90	401.7	-4,207.1	757.2	449.7	307.45	2.463		
13,200.0	7,149.0	13,497.7	7,369.2	162.5	163.4	106.91	400.6	-4,307.1	757.2	444.5	312.69	2.422		
13,300.0	7,149.0	13,597.7	7,369.3	165.2	166.1	106.92	399.5	-4,407.1	757.2	439.3	317.93	2.382		
13,400.0	7,149.0	13,697.7	7,369.4	168.0	168.9	106.92	398.4	-4,507.1	757.3	434.1	323.18	2.343		
13,500.0	7,149.0	13,797.7	7,369.5	170.7	171.6	106.93	397.3	-4,607.1	757.3	428.9	328.43	2.306		
13,600.0	7,149.0	13,897.7	7,369.6	173.4	174.3	106.94	396.2	-4,707.1	757.4	423.7	333.69	2.270		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	13,997.7	7,369.7	176.2	177.1	106.94	395.1	-4,807.1	757.4	418.5	338.94	2.235		
13,800.0	7,149.0	14,097.7	7,369.8	178.9	179.8	106.95	394.0	-4,907.1	757.4	413.2	344.21	2.201		
13,900.0	7,149.0	14,197.7	7,369.9	181.7	182.6	106.96	392.9	-5,007.1	757.5	408.0	349.47	2.168		
14,000.0	7,149.0	14,297.7	7,370.0	184.5	185.3	106.96	391.9	-5,107.1	757.5	402.8	354.74	2.135		
14,100.0	7,149.0	14,397.7	7,370.1	187.2	188.1	106.97	390.8	-5,207.1	757.6	397.6	360.01	2.104		
14,200.0	7,149.0	14,497.7	7,370.2	190.0	190.8	106.98	389.7	-5,307.1	757.6	392.3	365.28	2.074		
14,300.0	7,149.0	14,597.7	7,370.3	192.7	193.6	106.98	388.6	-5,407.1	757.7	387.1	370.56	2.045		
14,400.0	7,149.0	14,697.7	7,370.4	195.5	196.4	106.99	387.5	-5,507.0	757.7	381.9	375.84	2.016		
14,500.0	7,149.0	14,797.7	7,370.5	198.2	199.1	107.00	386.4	-5,607.0	757.7	376.6	381.12	1.988		
14,600.0	7,149.0	14,897.7	7,370.6	201.0	201.9	107.00	385.3	-5,707.0	757.8	371.4	386.40	1.961		
14,700.0	7,149.0	14,997.7	7,370.7	203.8	204.6	107.01	384.2	-5,807.0	757.8	366.1	391.68	1.935		
14,800.0	7,149.0	15,097.7	7,370.8	206.5	207.4	107.02	383.1	-5,907.0	757.9	360.9	396.97	1.909		
14,900.0	7,149.0	15,197.7	7,370.9	209.3	210.2	107.02	382.0	-6,007.0	757.9	355.6	402.26	1.884		
15,000.0	7,149.0	15,297.7	7,371.0	212.1	212.9	107.03	380.9	-6,107.0	757.9	350.4	407.55	1.860		
15,100.0	7,149.0	15,397.7	7,371.1	214.8	215.7	107.04	379.8	-6,207.0	758.0	345.1	412.85	1.836		
15,200.0	7,149.0	15,497.7	7,371.2	217.6	218.5	107.04	378.7	-6,307.0	758.0	339.9	418.14	1.813		
15,300.0	7,149.0	15,597.7	7,371.3	220.4	221.2	107.05	377.6	-6,407.0	758.1	334.6	423.44	1.790		
15,400.0	7,149.0	15,697.7	7,371.4	223.1	224.0	107.06	376.5	-6,507.0	758.1	329.4	428.73	1.768		
15,500.0	7,149.0	15,797.7	7,371.5	225.9	226.8	107.06	375.4	-6,607.0	758.1	324.1	434.03	1.747		
15,600.0	7,149.0	15,897.7	7,371.6	228.7	229.5	107.07	374.3	-6,707.0	758.2	318.9	439.33	1.726		
15,700.0	7,149.0	15,997.7	7,371.7	231.5	232.3	107.08	373.2	-6,807.0	758.2	313.6	444.64	1.705		
15,800.0	7,149.0	16,097.7	7,371.8	234.2	235.1	107.08	372.2	-6,907.0	758.3	308.3	449.94	1.685		
15,900.0	7,149.0	16,197.7	7,371.9	237.0	237.9	107.09	371.1	-7,007.0	758.3	303.1	455.24	1.666		
16,000.0	7,149.0	16,297.7	7,371.9	239.8	240.6	107.10	370.0	-7,106.9	758.4	297.8	460.55	1.647		
16,100.0	7,149.0	16,397.7	7,372.0	242.6	243.4	107.10	368.9	-7,206.9	758.4	292.5	465.86	1.628		
16,200.0	7,149.0	16,497.7	7,372.1	245.3	246.2	107.11	367.8	-7,306.9	758.4	287.3	471.16	1.610		
16,300.0	7,149.0	16,597.7	7,372.2	248.1	249.0	107.12	366.7	-7,406.9	758.5	282.0	476.47	1.592		
16,400.0	7,149.0	16,697.7	7,372.3	250.9	251.8	107.12	365.6	-7,506.9	758.5	276.7	481.78	1.574		
16,500.0	7,149.0	16,797.7	7,372.4	253.7	254.5	107.13	364.5	-7,606.9	758.6	271.5	487.09	1.557		
16,600.0	7,149.0	16,897.7	7,372.5	256.5	257.3	107.14	363.4	-7,706.9	758.6	266.2	492.41	1.541		
16,700.0	7,149.0	16,997.7	7,372.6	259.2	260.1	107.14	362.3	-7,806.9	758.6	260.9	497.72	1.524		
16,800.0	7,149.0	17,097.7	7,372.7	262.0	262.9	107.15	361.2	-7,906.9	758.7	255.7	503.03	1.508		
16,900.0	7,149.0	17,197.7	7,372.8	264.8	265.7	107.16	360.1	-8,006.9	758.7	250.4	508.35	1.493 Level 3		
17,000.0	7,149.0	17,297.7	7,372.9	267.6	268.4	107.16	359.0	-8,106.9	758.8	245.1	513.66	1.477 Level 3		
17,100.0	7,149.0	17,397.7	7,373.0	270.4	271.2	107.17	357.9	-8,206.9	758.8	239.8	518.98	1.462 Level 3		
17,200.0	7,149.0	17,497.7	7,373.1	273.2	274.0	107.18	356.8	-8,306.9	758.9	234.6	524.29	1.447 Level 3		
17,300.0	7,149.0	17,597.7	7,373.2	275.9	276.8	107.18	355.7	-8,406.9	758.9	229.3	529.61	1.433 Level 3		
17,400.0	7,149.0	17,697.7	7,373.3	278.7	279.6	107.19	354.6	-8,506.9	758.9	224.0	534.93	1.419 Level 3		
17,500.0	7,149.0	17,797.7	7,373.4	281.5	282.4	107.20	353.5	-8,606.9	759.0	218.7	540.25	1.405 Level 3		
17,600.0	7,149.0	17,897.7	7,373.5	284.3	285.1	107.20	352.5	-8,706.8	759.0	213.5	545.57	1.391 Level 3		
17,700.0	7,149.0	17,997.7	7,373.6	287.1	287.9	107.21	351.4	-8,806.8	759.1	208.2	550.89	1.378 Level 3		
17,800.0	7,149.0	18,097.7	7,373.7	289.9	290.7	107.22	350.3	-8,906.8	759.1	202.9	556.21	1.365 Level 3		
17,900.0	7,149.0	18,197.7	7,373.8	292.7	293.5	107.22	349.2	-9,006.8	759.2	197.6	561.53	1.352 Level 3		
18,000.0	7,149.0	18,297.7	7,373.9	295.5	296.3	107.23	348.1	-9,106.8	759.2	192.3	566.85	1.339 Level 3		
18,100.0	7,149.0	18,397.7	7,374.0	298.2	299.1	107.24	347.0	-9,206.8	759.2	187.1	572.17	1.327 Level 3		
18,152.4	7,149.0	18,418.5	7,374.0	299.7	299.7	107.24	346.8	-9,227.6	759.9	185.8	574.12	1.324 Level 3, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	0.21	75.1	0.3	75.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.21	75.1	0.3	75.1	74.8	0.22	333.942		
200.0	200.0	200.0	200.0	0.3	0.3	0.21	75.1	0.3	75.1	74.4	0.67	111.314		
300.0	300.0	300.0	300.0	0.6	0.6	0.21	75.1	0.3	75.1	73.9	1.12	66.788		
400.0	400.0	400.0	400.0	0.8	0.8	0.21	75.1	0.3	75.1	73.5	1.57	47.706		
500.0	500.0	500.0	500.0	1.0	1.0	0.21	75.1	0.3	75.1	73.0	2.02	37.105		
600.0	600.0	600.0	600.0	1.2	1.2	0.21	75.1	0.3	75.1	72.6	2.47	30.358 CC, ES		
700.0	700.0	699.5	699.5	1.4	1.5	-98.24	75.4	1.5	75.6	72.7	2.90	26.088		
800.0	799.9	799.0	798.9	1.7	1.7	-98.30	76.4	5.3	77.1	73.8	3.31	23.283		
900.0	899.7	898.4	898.1	1.9	1.9	-98.39	78.0	11.6	79.7	76.0	3.75	21.237		
1,000.0	999.3	997.9	997.1	2.1	2.1	-98.50	80.2	20.3	83.3	79.1	4.23	19.711		
1,100.0	1,098.6	1,097.2	1,095.8	2.4	2.4	-98.62	83.1	31.6	88.0	83.2	4.74	18.538		
1,200.0	1,197.5	1,196.5	1,194.0	2.7	2.7	-98.75	86.7	45.3	93.6	88.3	5.32	17.608		
1,300.0	1,296.1	1,295.6	1,291.8	3.0	3.0	-98.88	90.8	61.5	100.3	94.4	5.95	16.846		
1,400.0	1,394.2	1,394.7	1,389.0	3.3	3.3	-99.00	95.6	80.0	108.0	101.3	6.67	16.202		
1,500.0	1,491.7	1,493.7	1,485.5	3.8	3.7	-99.11	101.0	101.1	116.7	109.3	7.46	15.644		
1,600.0	1,588.6	1,592.5	1,581.4	4.2	4.2	-99.20	107.1	124.4	126.4	118.1	8.34	15.151		
1,700.0	1,684.9	1,691.2	1,676.4	4.7	4.7	-99.28	113.7	150.2	137.1	127.8	9.32	14.710		
1,800.0	1,780.4	1,789.7	1,770.5	5.3	5.2	-99.33	120.9	178.2	148.8	138.4	10.40	14.312		
1,900.0	1,875.0	1,888.0	1,863.7	5.9	5.8	-99.37	128.7	208.6	161.5	149.9	11.58	13.949		
2,000.0	1,968.9	1,986.2	1,955.9	6.6	6.4	-99.39	137.1	241.2	175.1	162.3	12.86	13.617		
2,100.0	2,061.7	2,084.4	2,047.3	7.3	7.1	-99.41	146.1	276.0	189.7	175.4	14.25	13.314		
2,175.5	2,131.2	2,159.0	2,116.5	7.9	7.7	-99.73	153.1	303.0	201.1	185.7	15.35	13.097		
2,200.0	2,153.7	2,183.2	2,139.0	8.1	7.9	-99.94	155.3	311.7	204.8	189.1	15.72	13.030		
2,300.0	2,245.3	2,281.9	2,230.6	8.9	8.6	-100.74	164.5	347.5	220.1	202.9	17.23	12.778		
2,400.0	2,336.9	2,380.7	2,322.2	9.7	9.3	-101.44	173.7	383.2	235.5	216.7	18.75	12.558		
2,500.0	2,428.5	2,479.5	2,413.9	10.6	10.1	-102.05	182.9	418.9	250.9	230.6	20.29	12.364		
2,600.0	2,520.1	2,578.3	2,505.5	11.4	10.8	-102.59	192.1	454.6	266.3	244.4	21.84	12.194		
2,700.0	2,611.7	2,677.1	2,597.1	12.2	11.6	-103.07	201.3	490.3	281.7	258.3	23.39	12.043		
2,800.0	2,703.3	2,775.8	2,688.8	13.1	12.4	-103.50	210.5	526.1	297.1	272.2	24.95	11.908		
2,900.0	2,794.9	2,874.6	2,780.4	13.9	13.1	-103.89	219.8	561.8	312.6	286.1	26.52	11.788		
3,000.0	2,886.6	2,973.4	2,872.0	14.8	13.9	-104.24	229.0	597.5	328.1	300.0	28.09	11.680		
3,100.0	2,978.2	3,072.2	2,963.6	15.6	14.6	-104.56	238.2	633.2	343.5	313.9	29.66	11.583		
3,200.0	3,069.8	3,170.9	3,055.3	16.5	15.4	-104.86	247.4	668.9	359.0	327.8	31.23	11.495		
3,300.0	3,161.4	3,269.7	3,146.9	17.4	16.2	-105.13	256.6	704.7	374.5	341.7	32.81	11.414		
3,400.0	3,253.0	3,368.5	3,238.5	18.2	17.0	-105.37	265.8	740.4	390.0	355.6	34.39	11.341		
3,500.0	3,344.6	3,467.3	3,330.2	19.1	17.7	-105.60	275.0	776.1	405.5	369.6	35.97	11.274		
3,600.0	3,436.2	3,566.1	3,421.8	19.9	18.5	-105.81	284.2	811.8	421.1	383.5	37.56	11.212		
3,700.0	3,527.9	3,664.8	3,513.4	20.8	19.3	-106.01	293.4	847.5	436.6	397.4	39.14	11.155		
3,800.0	3,619.5	3,763.6	3,605.1	21.7	20.1	-106.19	302.6	883.3	452.1	411.4	40.72	11.102		
3,900.0	3,711.1	3,862.4	3,696.7	22.5	20.8	-106.36	311.8	919.0	467.6	425.3	42.31	11.053		
4,000.0	3,802.7	3,961.2	3,788.3	23.4	21.6	-106.52	321.0	954.7	483.2	439.3	43.90	11.008		
4,100.0	3,894.3	4,059.9	3,880.0	24.3	22.4	-106.67	330.2	990.4	498.7	453.2	45.48	10.965		
4,200.0	3,985.9	4,158.7	3,971.6	25.1	23.2	-106.81	339.4	1,026.2	514.3	467.2	47.07	10.926		
4,300.0	4,077.5	4,257.5	4,063.2	26.0	23.9	-106.94	348.6	1,061.9	529.8	481.1	48.66	10.888		
4,400.0	4,169.1	4,356.3	4,154.9	26.9	24.7	-107.07	357.8	1,097.6	545.4	495.1	50.25	10.854		
4,500.0	4,260.8	4,455.0	4,246.5	27.7	25.5	-107.19	367.0	1,133.3	560.9	509.1	51.84	10.821		
4,600.0	4,352.4	4,553.8	4,338.1	28.6	26.3	-107.30	376.2	1,169.0	576.5	523.0	53.42	10.790		
4,700.0	4,444.0	4,652.6	4,429.7	29.5	27.1	-107.41	385.4	1,204.8	592.0	537.0	55.01	10.761		
4,800.0	4,535.6	4,751.4	4,521.4	30.3	27.8	-107.51	394.6	1,240.5	607.6	551.0	56.60	10.733		
4,900.0	4,627.2	4,850.2	4,613.0	31.2	28.6	-107.60	403.8	1,276.2	623.1	564.9	58.20	10.707		
5,000.0	4,718.8	4,948.9	4,704.6	32.1	29.4	-107.69	413.0	1,311.9	638.7	578.9	59.79	10.683		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,047.7	4,796.3	32.9	30.2	-107.78	422.3	1,347.6	654.2	592.9	61.38	10.659		
5,144.9	4,851.6	5,092.1	4,837.4	33.3	30.5	-107.82	426.4	1,363.7	661.2	599.1	62.09	10.649		
5,200.0	4,902.3	5,146.5	4,887.9	33.7	31.0	-107.98	431.5	1,383.4	669.6	606.7	62.93	10.641		
5,300.0	4,995.3	5,245.4	4,979.7	34.4	31.7	-108.04	440.7	1,419.1	684.1	619.7	64.36	10.629		
5,400.0	5,089.5	5,344.4	5,071.5	35.0	32.5	-107.82	449.9	1,454.9	697.5	631.7	65.77	10.605		
5,500.0	5,184.9	5,443.2	5,163.1	35.5	33.3	-107.32	459.1	1,490.6	709.9	642.8	67.15	10.572		
5,600.0	5,281.2	5,542.4	5,255.2	35.9	34.1	-106.58	468.3	1,526.4	721.5	653.0	68.48	10.536		
5,700.0	5,378.4	5,643.8	5,350.3	36.4	34.7	-105.77	477.1	1,560.6	732.0	662.4	69.62	10.514		
5,800.0	5,476.4	5,745.9	5,447.2	36.7	35.2	-104.97	485.1	1,591.7	741.4	670.8	70.60	10.501		
5,900.0	5,575.0	5,848.6	5,545.7	37.0	35.7	-104.17	492.3	1,619.6	749.6	678.1	71.45	10.491		
6,000.0	5,674.2	5,951.9	5,645.9	37.2	36.2	-103.38	498.7	1,644.2	756.6	684.4	72.18	10.481		
6,100.0	5,773.7	6,055.8	5,747.4	37.4	36.6	-102.59	504.1	1,665.4	762.4	689.6	72.80	10.473		
6,200.0	5,873.5	6,160.2	5,850.2	37.6	36.9	-101.80	508.7	1,683.1	766.9	693.6	73.29	10.464		
6,300.0	5,973.5	6,265.2	5,954.2	37.7	37.2	-101.01	512.3	1,697.2	770.2	696.6	73.67	10.455		
6,326.5	6,000.0	6,293.1	5,982.0	37.7	37.2	-2.36	513.1	1,700.3	770.9	734.0	36.88	20.900		
6,400.0	6,073.5	6,370.8	6,059.2	37.8	37.4	-1.81	515.0	1,707.7	772.4	735.3	37.13	20.802		
6,500.0	6,173.5	6,477.0	6,165.2	37.8	37.5	-1.30	516.8	1,714.4	773.9	736.4	37.46	20.658		
6,600.0	6,273.5	6,583.5	6,271.7	37.9	37.6	-1.08	517.5	1,717.3	774.6	736.8	37.76	20.510		
6,700.0	6,373.5	6,685.3	6,373.5	38.0	37.7	-1.07	517.6	1,717.5	774.6	736.5	38.05	20.359		
6,759.5	6,433.0	6,744.8	6,433.0	38.0	37.8	-1.07	517.6	1,717.5	774.6	736.4	38.22	20.269		
6,800.0	6,473.4	6,785.0	6,473.1	38.0	37.8	89.57	517.5	1,716.4	774.6	699.9	74.66	10.375		
6,807.3	6,480.7	6,792.2	6,480.3	38.0	37.8	89.57	517.5	1,716.0	774.6	699.9	74.66	10.375		
6,850.0	6,523.2	6,834.6	6,522.5	38.0	37.8	89.58	517.5	1,712.0	774.6	700.0	74.62	10.380		
6,900.0	6,572.6	6,884.2	6,571.5	38.0	37.7	89.59	517.4	1,704.2	774.6	700.1	74.52	10.395		
6,950.0	6,621.2	6,933.8	6,619.8	37.9	37.6	89.60	517.3	1,693.0	774.6	700.2	74.35	10.418		
7,000.0	6,669.0	6,983.4	6,667.2	37.8	37.5	89.61	517.1	1,678.4	774.6	700.5	74.13	10.449		
7,050.0	6,715.6	7,033.0	6,713.5	37.7	37.4	89.63	516.9	1,660.6	774.6	700.7	73.88	10.485		
7,100.0	6,760.8	7,082.7	6,758.5	37.5	37.3	89.65	516.7	1,639.7	774.6	701.0	73.59	10.526		
7,150.0	6,804.4	7,132.3	6,802.0	37.4	37.1	89.67	516.4	1,615.7	774.6	701.3	73.29	10.569		
7,200.0	6,846.2	7,182.0	6,843.7	37.2	36.9	89.69	516.1	1,588.7	774.6	701.6	72.98	10.614		
7,250.0	6,886.0	7,231.7	6,883.4	37.1	36.8	89.71	515.8	1,558.8	774.6	701.9	72.69	10.657		
7,300.0	6,923.6	7,281.4	6,921.0	37.0	36.6	89.73	515.5	1,526.3	774.6	702.2	72.41	10.698		
7,350.0	6,958.8	7,331.2	6,956.3	36.9	36.5	89.76	515.1	1,491.2	774.6	702.5	72.17	10.733		
7,400.0	6,991.4	7,381.0	6,989.0	36.8	36.4	89.78	514.7	1,453.8	774.6	702.7	71.98	10.762		
7,450.0	7,021.3	7,430.8	7,019.1	36.7	36.3	89.81	514.2	1,414.1	774.6	702.8	71.84	10.783		
7,500.0	7,048.3	7,480.6	7,046.4	36.7	36.2	89.84	513.8	1,372.4	774.7	702.9	71.78	10.792		
7,550.0	7,072.4	7,530.5	7,070.7	36.8	36.2	89.87	513.3	1,328.9	774.7	702.9	71.79	10.790		
7,600.0	7,093.3	7,580.3	7,092.0	36.8	36.2	89.90	512.8	1,283.8	774.7	702.8	71.89	10.776		
7,650.0	7,111.0	7,630.3	7,110.1	36.9	36.2	89.93	512.3	1,237.3	774.7	702.6	72.08	10.747		
7,700.0	7,125.4	7,680.2	7,124.8	37.1	36.3	89.96	511.8	1,189.6	774.7	702.3	72.36	10.706		
7,750.0	7,136.5	7,730.2	7,136.3	37.3	36.5	89.99	511.2	1,141.0	774.7	702.0	72.74	10.651		
7,800.0	7,144.0	7,780.2	7,144.3	37.5	36.6	90.02	510.7	1,091.6	774.7	701.5	73.20	10.584		
7,850.0	7,148.2	7,830.2	7,148.9	37.8	36.9	90.05	510.2	1,041.8	774.7	701.0	73.74	10.506		
7,884.3	7,149.0	7,864.5	7,149.2	38.0	37.0	90.02	509.8	1,007.5	774.7	700.6	74.15	10.448		
7,884.4	7,149.0	7,864.6	7,149.2	38.0	37.0	90.02	509.8	1,007.4	774.7	700.6	74.15	10.448		
7,885.3	7,149.0	7,865.6	7,149.2	38.0	37.0	90.01	509.8	1,006.5	774.7	700.6	74.17	10.446		
7,900.0	7,149.0	7,881.3	7,149.0	38.1	37.1	90.00	509.6	991.7	774.7	700.4	74.36	10.418		
8,000.0	7,149.0	7,981.3	7,149.0	38.9	37.8	90.00	508.5	891.7	774.7	698.8	75.89	10.209		
8,100.0	7,149.0	8,081.3	7,149.0	39.8	38.6	90.00	507.4	791.7	774.7	697.0	77.78	9.961		
8,200.0	7,149.0	8,181.3	7,149.0	40.9	39.7	90.00	506.3	691.7	774.7	694.7	80.02	9.681		
8,300.0	7,149.0	8,281.3	7,149.0	42.2	40.9	90.00	505.2	591.7	774.7	692.2	82.59	9.381		
8,400.0	7,149.0	8,381.3	7,149.0	43.6	42.2	90.00	504.1	491.7	774.7	689.3	85.45	9.067		

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 TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,500.0	7,149.0	8,481.3	7,149.0	45.2	43.7	90.00	503.0	391.7	774.7	686.2	88.57	8.747		
8,600.0	7,149.0	8,581.3	7,149.0	46.8	45.4	90.00	501.9	291.8	774.8	682.8	91.93	8.427		
8,700.0	7,149.0	8,681.3	7,149.0	48.6	47.1	90.00	500.8	191.8	774.8	679.2	95.51	8.112		
8,800.0	7,149.0	8,781.3	7,149.0	50.5	49.0	90.00	499.7	91.8	774.8	675.5	99.27	7.804		
8,900.0	7,149.0	8,881.3	7,149.0	52.5	50.9	90.00	498.6	-8.2	774.8	671.6	103.21	7.507		
9,000.0	7,149.0	8,981.3	7,149.0	54.5	52.9	90.00	497.5	-108.2	774.8	667.5	107.29	7.221		
9,100.0	7,149.0	9,081.3	7,149.0	56.6	55.0	90.00	496.3	-208.2	774.8	663.3	111.51	6.948		
9,200.0	7,149.0	9,181.3	7,149.0	58.8	57.2	90.00	495.2	-308.2	774.8	658.9	115.84	6.688		
9,300.0	7,149.0	9,281.3	7,149.0	61.0	59.4	90.00	494.1	-408.2	774.8	654.5	120.28	6.441		
9,400.0	7,149.0	9,381.3	7,149.0	63.2	61.6	90.00	493.0	-508.2	774.8	650.0	124.82	6.207		
9,500.0	7,149.0	9,481.3	7,149.0	65.5	63.9	90.00	491.9	-608.2	774.8	645.3	129.44	5.985		
9,600.0	7,149.0	9,581.3	7,149.0	67.9	66.3	90.00	490.8	-708.2	774.8	640.6	134.14	5.776		
9,700.0	7,149.0	9,681.3	7,149.0	70.3	68.7	90.00	489.7	-808.2	774.8	635.9	138.91	5.578		
9,800.0	7,149.0	9,781.3	7,149.0	72.7	71.1	90.00	488.6	-908.2	774.8	631.0	143.74	5.390		
9,900.0	7,149.0	9,881.3	7,149.0	75.1	73.5	90.00	487.5	-1,008.2	774.8	626.2	148.62	5.213		
10,000.0	7,149.0	9,981.3	7,149.0	77.6	76.0	90.00	486.4	-1,108.2	774.8	621.2	153.56	5.046		
10,100.0	7,149.0	10,081.3	7,149.0	80.1	78.5	90.00	485.3	-1,208.2	774.8	616.3	158.54	4.887		
10,200.0	7,149.0	10,181.3	7,149.0	82.6	81.0	90.00	484.2	-1,308.2	774.8	611.2	163.56	4.737		
10,300.0	7,149.0	10,281.3	7,149.0	85.1	83.5	90.00	483.1	-1,408.1	774.8	606.2	168.62	4.595		
10,400.0	7,149.0	10,381.3	7,149.0	87.6	86.1	90.00	482.0	-1,508.1	774.8	601.1	173.72	4.460		
10,500.0	7,149.0	10,481.3	7,149.0	90.2	88.6	90.00	480.9	-1,608.1	774.8	596.0	178.84	4.332		
10,600.0	7,149.0	10,581.3	7,149.0	92.8	91.2	90.00	479.8	-1,708.1	774.8	590.8	184.00	4.211		
10,700.0	7,149.0	10,681.3	7,149.0	95.4	93.8	90.00	478.7	-1,808.1	774.8	585.6	189.18	4.096		
10,800.0	7,149.0	10,781.3	7,149.0	98.0	96.4	90.00	477.6	-1,908.1	774.8	580.4	194.38	3.986		
10,900.0	7,149.0	10,881.3	7,149.0	100.6	99.0	90.00	476.5	-2,008.1	774.8	575.2	199.61	3.882		
11,000.0	7,149.0	10,981.3	7,149.0	103.2	101.7	90.00	475.3	-2,108.1	774.8	570.0	204.86	3.782		
11,100.0	7,149.0	11,081.3	7,149.0	105.8	104.3	90.00	474.2	-2,208.1	774.8	564.7	210.13	3.687		
11,200.0	7,149.0	11,181.3	7,149.0	108.5	106.9	90.00	473.1	-2,308.1	774.8	559.4	215.41	3.597		
11,300.0	7,149.0	11,281.3	7,149.0	111.1	109.6	90.00	472.0	-2,408.1	774.8	554.1	220.71	3.511		
11,400.0	7,149.0	11,381.3	7,149.0	113.8	112.3	90.00	470.9	-2,508.1	774.8	548.8	226.03	3.428		
11,500.0	7,149.0	11,481.3	7,149.0	116.4	114.9	90.00	469.8	-2,608.1	774.8	543.5	231.36	3.349		
11,600.0	7,149.0	11,581.3	7,149.0	119.1	117.6	90.00	468.7	-2,708.1	774.8	538.1	236.71	3.273		
11,700.0	7,149.0	11,681.3	7,149.0	121.8	120.3	90.00	467.6	-2,808.1	774.8	532.8	242.07	3.201		
11,800.0	7,149.0	11,781.3	7,149.0	124.5	123.0	90.00	466.5	-2,908.1	774.8	527.4	247.44	3.131		
11,900.0	7,149.0	11,881.3	7,149.0	127.2	125.7	90.00	465.4	-3,008.0	774.8	522.0	252.82	3.065		
12,000.0	7,149.0	11,981.3	7,149.0	129.9	128.4	90.00	464.3	-3,108.0	774.8	516.6	258.21	3.001		
12,100.0	7,149.0	12,081.3	7,149.0	132.5	131.1	90.00	463.2	-3,208.0	774.9	511.2	263.61	2.939		
12,200.0	7,149.0	12,181.3	7,149.0	135.3	133.8	90.00	462.1	-3,308.0	774.9	505.8	269.01	2.880		
12,300.0	7,149.0	12,281.3	7,149.0	138.0	136.5	90.00	461.0	-3,408.0	774.9	500.4	274.43	2.823		
12,400.0	7,149.0	12,381.3	7,149.0	140.7	139.2	90.00	459.9	-3,508.0	774.9	495.0	279.86	2.769		
12,500.0	7,149.0	12,481.3	7,149.0	143.4	141.9	90.00	458.8	-3,608.0	774.9	489.6	285.29	2.716		
12,600.0	7,149.0	12,581.3	7,149.0	146.1	144.6	90.00	457.7	-3,708.0	774.9	484.1	290.73	2.665		
12,700.0	7,149.0	12,681.3	7,149.0	148.8	147.4	90.00	456.6	-3,808.0	774.9	478.7	296.18	2.616		
12,800.0	7,149.0	12,781.3	7,149.0	151.6	150.1	90.00	455.5	-3,908.0	774.9	473.2	301.63	2.569		
12,900.0	7,149.0	12,881.3	7,149.0	154.3	152.8	90.00	454.3	-4,008.0	774.9	467.8	307.09	2.523		
13,000.0	7,149.0	12,981.3	7,149.0	157.0	155.5	90.00	453.2	-4,108.0	774.9	462.3	312.55	2.479		
13,100.0	7,149.0	13,081.3	7,149.0	159.7	158.3	90.00	452.1	-4,208.0	774.9	456.9	318.02	2.437		
13,200.0	7,149.0	13,181.3	7,149.0	162.5	161.0	90.00	451.0	-4,308.0	774.9	451.4	323.50	2.395		
13,300.0	7,149.0	13,281.3	7,149.0	165.2	163.8	90.00	449.9	-4,408.0	774.9	445.9	328.98	2.355		
13,400.0	7,149.0	13,381.3	7,149.0	168.0	166.5	90.00	448.8	-4,508.0	774.9	440.4	334.46	2.317		
13,500.0	7,149.0	13,481.3	7,149.0	170.7	169.3	90.00	447.7	-4,607.9	774.9	434.9	339.95	2.279		
13,600.0	7,149.0	13,581.3	7,149.0	173.4	172.0	90.00	446.6	-4,707.9	774.9	429.4	345.45	2.243		

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 TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design		G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks QA-27-28HN - Wellbore #1 - Plan #1 (10-19-										Offset Site Error:		0.0 ft
Survey Program:		0-MWD										Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
13,700.0	7,149.0	13,681.3	7,149.0	176.2	174.8	90.00	445.5	-4,807.9	774.9	424.0	350.94	2.208		
13,800.0	7,149.0	13,781.3	7,149.0	178.9	177.5	90.00	444.4	-4,907.9	774.9	418.5	356.45	2.174		
13,900.0	7,149.0	13,881.3	7,149.0	181.7	180.3	90.00	443.3	-5,007.9	774.9	413.0	361.95	2.141		
14,000.0	7,149.0	13,981.3	7,149.0	184.5	183.0	90.00	442.2	-5,107.9	774.9	407.4	367.46	2.109		
14,100.0	7,149.0	14,081.3	7,149.0	187.2	185.8	90.00	441.1	-5,207.9	774.9	401.9	372.97	2.078		
14,200.0	7,149.0	14,181.3	7,149.0	190.0	188.5	90.00	440.0	-5,307.9	774.9	396.4	378.49	2.047		
14,300.0	7,149.0	14,281.3	7,149.0	192.7	191.3	90.00	438.9	-5,407.9	774.9	390.9	384.00	2.018		
14,400.0	7,149.0	14,381.3	7,149.0	195.5	194.0	90.00	437.8	-5,507.9	774.9	385.4	389.52	1.989		
14,500.0	7,149.0	14,481.3	7,149.0	198.2	196.8	90.00	436.7	-5,607.9	774.9	379.9	395.05	1.962		
14,600.0	7,149.0	14,581.3	7,149.0	201.0	199.6	90.00	435.6	-5,707.9	774.9	374.4	400.57	1.935		
14,700.0	7,149.0	14,681.3	7,149.0	203.8	202.3	90.00	434.4	-5,807.9	774.9	368.8	406.10	1.908		
14,800.0	7,149.0	14,781.3	7,149.0	206.5	205.1	90.00	433.3	-5,907.9	774.9	363.3	411.63	1.883		
14,900.0	7,149.0	14,881.3	7,149.0	209.3	207.9	90.00	432.2	-6,007.9	774.9	357.8	417.17	1.858		
15,000.0	7,149.0	14,981.3	7,149.0	212.1	210.6	90.00	431.1	-6,107.9	774.9	352.2	422.70	1.833		
15,100.0	7,149.0	15,081.3	7,149.0	214.8	213.4	90.00	430.0	-6,207.9	774.9	346.7	428.24	1.810		
15,200.0	7,149.0	15,181.3	7,149.0	217.6	216.2	90.00	428.9	-6,307.8	774.9	341.2	433.78	1.786		
15,300.0	7,149.0	15,281.3	7,149.0	220.4	219.0	90.00	427.8	-6,407.8	774.9	335.6	439.32	1.764		
15,400.0	7,149.0	15,381.3	7,149.0	223.1	221.7	90.00	426.7	-6,507.8	774.9	330.1	444.87	1.742		
15,500.0	7,149.0	15,481.3	7,149.0	225.9	224.5	90.00	425.6	-6,607.8	775.0	324.5	450.41	1.721		
15,600.0	7,149.0	15,581.3	7,149.0	228.7	227.3	90.00	424.5	-6,707.8	775.0	319.0	455.96	1.700		
15,700.0	7,149.0	15,681.3	7,149.0	231.5	230.1	90.00	423.4	-6,807.8	775.0	313.4	461.51	1.679		
15,800.0	7,149.0	15,781.3	7,149.0	234.2	232.8	90.00	422.3	-6,907.8	775.0	307.9	467.06	1.659		
15,900.0	7,149.0	15,881.3	7,149.0	237.0	235.6	90.00	421.2	-7,007.8	775.0	302.3	472.62	1.640		
16,000.0	7,149.0	15,981.3	7,149.0	239.8	238.4	90.00	420.1	-7,107.8	775.0	296.8	478.17	1.621		
16,100.0	7,149.0	16,081.3	7,149.0	242.6	241.2	90.00	419.0	-7,207.8	775.0	291.2	483.73	1.602		
16,200.0	7,149.0	16,181.3	7,149.0	245.3	243.9	90.00	417.9	-7,307.8	775.0	285.7	489.28	1.584		
16,300.0	7,149.0	16,281.3	7,149.0	248.1	246.7	90.00	416.8	-7,407.8	775.0	280.1	494.84	1.566		
16,400.0	7,149.0	16,381.3	7,149.0	250.9	249.5	90.00	415.7	-7,507.8	775.0	274.6	500.40	1.549		
16,500.0	7,149.0	16,481.3	7,149.0	253.7	252.3	90.00	414.6	-7,607.8	775.0	269.0	505.96	1.532		
16,600.0	7,149.0	16,581.3	7,149.0	256.5	255.1	90.00	413.4	-7,707.8	775.0	263.5	511.53	1.515		
16,700.0	7,149.0	16,681.3	7,149.0	259.2	257.8	90.00	412.3	-7,807.8	775.0	257.9	517.09	1.499	Level 3	
16,800.0	7,149.0	16,781.3	7,149.0	262.0	260.6	90.00	411.2	-7,907.7	775.0	252.3	522.66	1.483	Level 3	
16,900.0	7,149.0	16,881.3	7,149.0	264.8	263.4	90.00	410.1	-8,007.7	775.0	246.8	528.22	1.467	Level 3	
17,000.0	7,149.0	16,981.3	7,149.0	267.6	266.2	90.00	409.0	-8,107.7	775.0	241.2	533.79	1.452	Level 3	
17,100.0	7,149.0	17,081.3	7,149.0	270.4	269.0	90.00	407.9	-8,207.7	775.0	235.6	539.36	1.437	Level 3	
17,200.0	7,149.0	17,181.3	7,149.0	273.2	271.8	90.00	406.8	-8,307.7	775.0	230.1	544.93	1.422	Level 3	
17,300.0	7,149.0	17,281.3	7,149.0	275.9	274.6	90.00	405.7	-8,407.7	775.0	224.5	550.50	1.408	Level 3	
17,400.0	7,149.0	17,381.3	7,149.0	278.7	277.3	90.00	404.6	-8,507.7	775.0	218.9	556.07	1.394	Level 3	
17,500.0	7,149.0	17,481.3	7,149.0	281.5	280.1	90.00	403.5	-8,607.7	775.0	213.4	561.64	1.380	Level 3	
17,600.0	7,149.0	17,581.3	7,149.0	284.3	282.9	90.00	402.4	-8,707.7	775.0	207.8	567.22	1.366	Level 3	
17,700.0	7,149.0	17,681.3	7,149.0	287.1	285.7	90.00	401.3	-8,807.7	775.0	202.2	572.79	1.353	Level 3	
17,800.0	7,149.0	17,781.3	7,149.0	289.9	288.5	90.00	400.2	-8,907.7	775.0	196.7	578.37	1.340	Level 3	
17,900.0	7,149.0	17,881.3	7,149.0	292.7	291.3	90.00	399.1	-9,007.7	775.0	191.1	583.94	1.327	Level 3	
18,000.0	7,149.0	17,981.3	7,149.0	295.5	294.1	90.00	398.0	-9,107.7	775.0	185.5	589.52	1.315	Level 3	
18,100.0	7,149.0	18,081.3	7,149.0	298.2	296.9	90.00	396.9	-9,207.7	775.0	179.9	595.10	1.302	Level 3	
18,152.4	7,149.0	18,099.6	7,149.0	299.7	297.4	90.00	396.7	-9,225.9	775.8	178.7	597.07	1.299	Level 3, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	44.8	0.0	44.8					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	44.8	0.0	44.8	44.6	0.22	199.405		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	44.8	0.0	44.8	44.1	0.67	66.468		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	44.8	0.0	44.8	43.7	1.12	39.881		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	44.8	0.0	44.8	43.2	1.57	28.486		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	44.8	0.0	44.8	42.8	2.02	22.156		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	44.8	0.0	44.8	42.3	2.47	18.128 CC		
700.0	700.0	699.8	699.8	1.4	1.4	-98.43	45.0	1.3	45.2	42.3	2.90	15.605		
800.0	799.9	799.7	799.6	1.7	1.7	-98.42	45.6	5.2	46.3	43.0	3.31	13.994		
900.0	899.7	899.5	899.2	1.9	1.9	-98.40	46.5	11.6	48.2	44.5	3.75	12.853		
1,000.0	999.3	999.3	998.5	2.1	2.1	-98.37	47.8	20.6	50.8	46.6	4.22	12.032		
1,100.0	1,098.6	1,099.0	1,097.6	2.4	2.4	-98.34	49.4	32.2	54.2	49.5	4.74	11.425		
1,200.0	1,197.5	1,198.7	1,196.3	2.7	2.7	-98.29	51.4	46.4	58.3	53.0	5.32	10.962		
1,300.0	1,296.1	1,298.4	1,294.5	3.0	3.0	-98.25	53.8	63.0	63.2	57.2	5.96	10.595		
1,400.0	1,394.2	1,398.0	1,392.2	3.3	3.4	-98.20	56.5	82.2	68.8	62.1	6.68	10.291		
1,500.0	1,491.7	1,497.5	1,489.3	3.8	3.8	-98.14	59.6	103.9	75.1	67.6	7.49	10.030		
1,600.0	1,588.6	1,597.0	1,585.7	4.2	4.2	-98.08	63.0	128.1	82.2	73.8	8.39	9.799		
1,700.0	1,684.9	1,696.4	1,681.4	4.7	4.7	-98.01	66.8	154.7	90.0	80.6	9.38	9.590		
1,800.0	1,780.4	1,795.7	1,776.2	5.3	5.3	-97.94	70.9	183.8	98.5	88.0	10.48	9.397		
1,900.0	1,875.0	1,894.9	1,870.2	5.9	5.9	-97.86	75.4	215.2	107.7	96.0	11.68	9.219		
2,000.0	1,968.9	1,994.0	1,963.3	6.6	6.5	-97.78	80.2	249.1	117.6	104.6	12.99	9.052		
2,100.0	2,061.7	2,093.0	2,055.3	7.3	7.2	-97.69	85.3	285.2	128.2	113.8	14.41	8.895		
2,175.5	2,131.2	2,167.9	2,124.4	7.9	7.8	-97.74	89.4	313.9	136.6	121.1	15.55	8.784		
2,200.0	2,153.7	2,192.3	2,146.8	8.1	8.0	-97.87	90.7	323.3	139.4	123.5	15.93	8.749		
2,300.0	2,245.3	2,291.6	2,238.3	8.9	8.7	-98.36	96.2	361.5	150.7	133.2	17.50	8.615		
2,400.0	2,336.9	2,390.9	2,329.9	9.7	9.5	-98.78	101.6	399.7	162.1	143.0	19.08	8.495		
2,500.0	2,428.5	2,490.3	2,421.4	10.6	10.3	-99.15	107.0	437.9	173.4	152.8	20.68	8.388		
2,600.0	2,520.1	2,589.6	2,513.0	11.4	11.1	-99.48	112.5	476.1	184.8	162.5	22.28	8.292		
2,700.0	2,611.7	2,689.0	2,604.5	12.2	11.9	-99.76	117.9	514.3	196.2	172.2	23.90	8.206		
2,800.0	2,703.3	2,788.3	2,696.1	13.1	12.7	-100.01	123.3	552.4	207.5	182.0	25.53	8.130		
2,900.0	2,794.9	2,887.7	2,787.6	13.9	13.5	-100.24	128.7	590.6	218.9	191.7	27.16	8.060		
3,000.0	2,886.6	2,987.0	2,879.2	14.8	14.3	-100.45	134.2	628.8	230.3	201.5	28.79	7.998		
3,100.0	2,978.2	3,086.4	2,970.7	15.6	15.1	-100.63	139.6	667.0	241.6	211.2	30.43	7.941		
3,200.0	3,069.8	3,185.7	3,062.3	16.5	16.0	-100.80	145.0	705.2	253.0	220.9	32.07	7.889		
3,300.0	3,161.4	3,285.1	3,153.8	17.4	16.8	-100.96	150.4	743.4	264.4	230.7	33.72	7.841		
3,400.0	3,253.0	3,384.4	3,245.4	18.2	17.6	-101.10	155.9	781.6	275.8	240.4	35.37	7.798		
3,500.0	3,344.6	3,483.8	3,336.9	19.1	18.4	-101.23	161.3	819.8	287.2	250.2	37.02	7.758		
3,600.0	3,436.2	3,583.1	3,428.5	19.9	19.2	-101.35	166.7	858.0	298.6	259.9	38.67	7.721		
3,700.0	3,527.9	3,682.5	3,520.0	20.8	20.0	-101.46	172.2	896.2	309.9	269.6	40.32	7.687		
3,800.0	3,619.5	3,781.8	3,611.6	21.7	20.9	-101.57	177.6	934.4	321.3	279.4	41.98	7.655		
3,900.0	3,711.1	3,881.2	3,703.2	22.5	21.7	-101.66	183.0	972.6	332.7	289.1	43.63	7.626		
4,000.0	3,802.7	3,980.5	3,794.7	23.4	22.5	-101.75	188.4	1,010.8	344.1	298.8	45.29	7.598		
4,100.0	3,894.3	4,079.9	3,886.3	24.3	23.3	-101.84	193.9	1,049.0	355.5	308.5	46.95	7.572		
4,200.0	3,985.9	4,179.2	3,977.8	25.1	24.1	-101.92	199.3	1,087.2	366.9	318.3	48.61	7.548		
4,300.0	4,077.5	4,278.6	4,069.4	26.0	25.0	-101.99	204.7	1,125.4	378.3	328.0	50.27	7.526		
4,400.0	4,169.1	4,377.9	4,160.9	26.9	25.8	-102.06	210.1	1,163.6	389.7	337.7	51.93	7.504		
4,500.0	4,260.8	4,477.3	4,252.5	27.7	26.6	-102.13	215.6	1,201.8	401.1	347.5	53.59	7.484		
4,600.0	4,352.4	4,576.6	4,344.0	28.6	27.4	-102.19	221.0	1,240.0	412.5	357.2	55.25	7.466		
4,700.0	4,444.0	4,675.9	4,435.6	29.5	28.2	-102.25	226.4	1,278.2	423.9	366.9	56.91	7.448		
4,800.0	4,535.6	4,775.3	4,527.1	30.3	29.1	-102.31	231.8	1,316.4	435.2	376.7	58.57	7.431		
4,900.0	4,627.2	4,874.6	4,618.7	31.2	29.9	-102.36	237.3	1,354.6	446.6	386.4	60.24	7.415		
5,000.0	4,718.8	4,974.0	4,710.2	32.1	30.7	-102.41	242.7	1,392.8	458.0	396.1	61.90	7.400		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,073.3	4,801.8	32.9	31.5	-102.46	248.1	1,431.0	469.4	405.9	63.56	7.385		
5,144.9	4,851.6	5,118.0	4,842.9	33.3	31.9	-102.48	250.6	1,448.1	474.6	410.2	64.31	7.379		
5,200.0	4,902.3	5,172.7	4,893.3	33.7	32.4	-102.56	253.6	1,469.2	480.7	415.5	65.18	7.375		
5,300.0	4,995.3	5,272.1	4,984.9	34.4	33.2	-102.40	259.0	1,507.4	491.3	424.7	66.67	7.369		
5,400.0	5,089.5	5,371.4	5,076.4	35.0	34.0	-101.84	264.4	1,545.5	501.2	433.1	68.14	7.357		
5,500.0	5,184.9	5,470.5	5,167.7	35.5	34.8	-100.93	269.8	1,583.6	510.6	441.0	69.56	7.341		
5,600.0	5,281.2	5,570.8	5,260.6	35.9	35.5	-99.76	275.2	1,621.2	519.4	448.6	70.78	7.338		
5,700.0	5,378.4	5,672.0	5,355.5	36.4	36.1	-98.61	280.1	1,655.9	527.5	455.7	71.83	7.344		
5,800.0	5,476.4	5,773.7	5,452.1	36.7	36.7	-97.49	284.6	1,687.4	534.9	462.2	72.75	7.354		
5,900.0	5,575.0	5,876.0	5,550.4	37.0	37.2	-96.39	288.6	1,715.7	541.6	468.1	73.53	7.366		
6,000.0	5,674.2	5,978.8	5,650.0	37.2	37.6	-95.29	292.1	1,740.5	547.5	473.3	74.17	7.381		
6,100.0	5,773.7	6,082.1	5,751.1	37.4	38.0	-94.21	295.2	1,761.9	552.6	477.9	74.69	7.399		
6,200.0	5,873.5	6,185.9	5,853.3	37.6	38.3	-93.13	297.7	1,779.8	556.8	481.8	75.07	7.418		
6,300.0	5,973.5	6,290.2	5,956.6	37.7	38.6	-92.05	299.7	1,794.0	560.3	485.0	75.33	7.438		
6,326.5	6,000.0	6,318.0	5,984.1	37.7	38.6	6.68	300.2	1,797.2	561.1	524.3	36.76	15.262		
6,400.0	6,073.5	6,395.1	6,060.9	37.8	38.8	7.41	301.2	1,804.6	563.0	525.8	37.18	15.140		
6,500.0	6,173.5	6,500.5	6,166.1	37.8	38.9	8.08	302.2	1,811.4	564.7	527.1	37.67	14.990		
6,600.0	6,273.5	6,606.4	6,271.9	37.9	39.1	8.37	302.6	1,814.4	565.5	527.5	38.05	14.864		
6,700.0	6,373.5	6,707.9	6,373.5	38.0	39.1	8.39	302.6	1,814.5	565.6	527.2	38.33	14.755		
6,759.5	6,433.0	6,767.5	6,433.0	38.0	39.2	8.39	302.6	1,814.5	565.6	527.1	38.50	14.690		
6,800.0	6,473.4	6,807.9	6,473.4	38.0	39.2	99.13	302.6	1,814.5	565.7	489.7	76.06	7.438		
6,850.0	6,523.2	6,862.3	6,527.8	38.0	39.2	99.50	302.6	1,813.7	566.4	490.4	75.99	7.453		
6,900.0	6,572.6	6,919.8	6,585.1	38.0	39.2	99.86	302.6	1,808.6	567.0	491.1	75.84	7.476		
6,950.0	6,621.2	6,977.7	6,642.1	37.9	39.1	100.18	302.4	1,798.8	567.5	491.9	75.62	7.505		
7,000.0	6,669.0	7,035.9	6,698.5	37.8	39.0	100.43	302.3	1,784.4	568.0	492.6	75.33	7.539		
7,050.0	6,715.6	7,094.3	6,753.7	37.7	38.9	100.63	302.1	1,765.3	568.3	493.3	75.01	7.577		
7,100.0	6,760.8	7,153.0	6,807.4	37.5	38.7	100.77	301.8	1,741.8	568.6	493.9	74.65	7.617		
7,150.0	6,804.4	7,211.7	6,859.0	37.4	38.5	100.84	301.5	1,713.9	568.7	494.4	74.28	7.657		
7,200.0	6,846.2	7,270.5	6,908.3	37.2	38.4	100.85	301.2	1,681.8	568.8	494.8	73.92	7.694		
7,250.0	6,886.0	7,329.2	6,954.7	37.1	38.2	100.80	300.8	1,645.8	568.7	495.1	73.58	7.728		
7,300.0	6,923.6	7,387.9	6,997.9	37.0	38.0	100.69	300.3	1,606.1	568.5	495.2	73.29	7.757		
7,350.0	6,958.8	7,446.4	7,037.7	36.9	37.9	100.52	299.8	1,563.2	568.2	495.1	73.05	7.777		
7,400.0	6,991.4	7,504.8	7,073.7	36.8	37.8	100.29	299.3	1,517.4	567.8	494.9	72.90	7.788		
7,450.0	7,021.3	7,562.8	7,105.7	36.7	37.7	100.00	298.8	1,469.0	567.3	494.4	72.83	7.789		
7,500.0	7,048.3	7,620.5	7,133.5	36.7	37.7	99.65	298.3	1,418.5	566.7	493.8	72.86	7.778		
7,550.0	7,072.4	7,677.8	7,157.1	36.8	37.8	99.25	297.7	1,366.2	566.0	493.0	73.00	7.754		
7,600.0	7,093.3	7,734.7	7,176.2	36.8	37.9	98.81	297.1	1,312.7	565.4	492.1	73.24	7.719		
7,650.0	7,111.0	7,791.1	7,191.0	36.9	38.0	98.31	296.5	1,258.2	564.6	491.0	73.60	7.672		
7,700.0	7,125.4	7,847.0	7,201.3	37.1	38.2	97.77	295.9	1,203.3	563.9	489.8	74.06	7.614		
7,750.0	7,136.5	7,902.4	7,207.3	37.3	38.5	97.19	295.3	1,148.3	563.2	488.5	74.61	7.548		
7,800.0	7,144.0	7,956.4	7,209.0	37.5	38.7	96.60	294.7	1,094.3	562.4	487.2	75.24	7.475		
7,850.0	7,148.2	8,006.2	7,209.3	37.8	39.1	96.24	294.1	1,044.5	562.0	486.1	75.90	7.404		
7,878.6	7,149.0	8,034.8	7,209.5	38.0	39.3	96.18	293.8	1,015.9	562.0	485.6	76.31	7.364		
7,884.3	7,149.0	8,040.5	7,209.5	38.0	39.3	96.18	293.8	1,010.3	562.0	485.6	76.39	7.357		
7,884.4	7,149.0	8,040.6	7,209.5	38.0	39.3	96.18	293.8	1,010.1	562.0	485.6	76.39	7.356		
7,885.3	7,149.0	8,041.5	7,209.5	38.0	39.3	96.18	293.8	1,009.2	562.0	485.6	76.40	7.355		
7,900.0	7,149.0	8,056.2	7,209.6	38.1	39.4	96.19	293.6	994.5	562.0	485.4	76.62	7.335		
8,000.0	7,149.0	8,156.2	7,210.2	38.9	40.3	96.25	292.5	894.5	562.0	483.8	78.27	7.181		
8,100.0	7,149.0	8,256.2	7,210.8	39.8	41.3	96.31	291.4	794.5	562.1	481.9	80.27	7.003		
8,200.0	7,149.0	8,356.2	7,211.4	40.9	42.5	96.37	290.3	694.5	562.2	479.6	82.60	6.806		
8,300.0	7,149.0	8,456.2	7,211.9	42.2	43.8	96.43	289.2	594.6	562.3	477.0	85.24	6.597		
8,400.0	7,149.0	8,556.2	7,212.5	43.6	45.3	96.49	288.1	494.6	562.4	474.2	88.15	6.380		

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 TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design				G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks R-27-28HN - Wellbore #1 - Plan #2 (10-19-1									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	7,149.0	8,656.2	7,213.1	45.2	46.9	96.55	287.0	394.6	562.4	471.1	91.30	6.160			
8,600.0	7,149.0	8,756.2	7,213.7	46.8	48.6	96.60	285.9	294.6	562.5	467.8	94.68	5.941			
8,700.0	7,149.0	8,856.2	7,214.3	48.6	50.4	96.66	284.8	194.6	562.6	464.3	98.26	5.725			
8,800.0	7,149.0	8,956.2	7,214.9	50.5	52.3	96.72	283.7	94.6	562.7	460.7	102.02	5.515			
8,900.0	7,149.0	9,056.2	7,215.4	52.5	54.3	96.78	282.7	-5.4	562.8	456.8	105.94	5.312			
9,000.0	7,149.0	9,156.2	7,216.0	54.5	56.3	96.84	281.6	-105.4	562.9	452.9	110.00	5.117			
9,100.0	7,149.0	9,256.2	7,216.6	56.6	58.5	96.90	280.5	-205.4	562.9	448.7	114.19	4.930			
9,200.0	7,149.0	9,356.2	7,217.2	58.8	60.6	96.95	279.4	-305.4	563.0	444.5	118.49	4.752			
9,300.0	7,149.0	9,456.2	7,217.8	61.0	62.9	97.01	278.3	-405.4	563.1	440.2	122.89	4.582			
9,400.0	7,149.0	9,556.2	7,218.3	63.2	65.1	97.07	277.2	-505.3	563.2	435.8	127.38	4.421			
9,500.0	7,149.0	9,656.2	7,218.9	65.5	67.4	97.13	276.1	-605.3	563.3	431.3	131.95	4.269			
9,600.0	7,149.0	9,756.2	7,219.5	67.9	69.8	97.19	275.0	-705.3	563.4	426.8	136.60	4.124			
9,700.0	7,149.0	9,856.2	7,220.1	70.3	72.1	97.25	273.9	-805.3	563.5	422.1	141.31	3.987			
9,800.0	7,149.0	9,956.2	7,220.7	72.7	74.6	97.31	272.8	-905.3	563.5	417.5	146.08	3.858			
9,900.0	7,149.0	10,056.2	7,221.2	75.1	77.0	97.36	271.7	-1,005.3	563.6	412.7	150.90	3.735			
10,000.0	7,149.0	10,156.2	7,221.8	77.6	79.5	97.42	270.6	-1,105.3	563.7	408.0	155.77	3.619			
10,100.0	7,149.0	10,256.2	7,222.4	80.1	81.9	97.48	269.5	-1,205.3	563.8	403.1	160.68	3.509			
10,200.0	7,149.0	10,356.2	7,223.0	82.6	84.4	97.54	268.4	-1,305.3	563.9	398.3	165.63	3.405			
10,300.0	7,149.0	10,456.2	7,223.6	85.1	87.0	97.60	267.3	-1,405.3	564.0	393.4	170.62	3.306			
10,400.0	7,149.0	10,556.2	7,224.1	87.6	89.5	97.65	266.2	-1,505.3	564.1	388.4	175.64	3.212			
10,500.0	7,149.0	10,656.2	7,224.7	90.2	92.1	97.71	265.2	-1,605.2	564.2	383.5	180.69	3.122			
10,600.0	7,149.0	10,756.2	7,225.3	92.8	94.6	97.77	264.1	-1,705.2	564.3	378.5	185.77	3.037			
10,700.0	7,149.0	10,856.2	7,225.9	95.4	97.2	97.83	263.0	-1,805.2	564.4	373.5	190.87	2.957			
10,800.0	7,149.0	10,956.2	7,226.5	98.0	99.8	97.89	261.9	-1,905.2	564.5	368.5	196.00	2.880			
10,900.0	7,149.0	11,056.1	7,227.0	100.6	102.4	97.95	260.8	-2,005.2	564.5	363.4	201.14	2.807			
11,000.0	7,149.0	11,156.1	7,227.6	103.2	105.0	98.00	259.7	-2,105.2	564.6	358.3	206.31	2.737			
11,100.0	7,149.0	11,256.1	7,228.2	105.8	107.7	98.06	258.6	-2,205.2	564.7	353.2	211.49	2.670			
11,200.0	7,149.0	11,356.1	7,228.8	108.5	110.3	98.12	257.5	-2,305.2	564.8	348.1	216.69	2.607			
11,300.0	7,149.0	11,456.1	7,229.4	111.1	112.9	98.18	256.4	-2,405.2	564.9	343.0	221.90	2.546			
11,400.0	7,149.0	11,556.1	7,229.9	113.8	115.6	98.24	255.3	-2,505.2	565.0	337.9	227.13	2.488			
11,500.0	7,149.0	11,656.1	7,230.5	116.4	118.2	98.29	254.2	-2,605.1	565.1	332.8	232.37	2.432			
11,600.0	7,149.0	11,756.1	7,231.1	119.1	120.9	98.35	253.1	-2,705.1	565.2	327.6	237.62	2.379			
11,700.0	7,149.0	11,856.1	7,231.7	121.8	123.6	98.41	252.0	-2,805.1	565.3	322.4	242.88	2.328			
11,800.0	7,149.0	11,956.1	7,232.3	124.5	126.3	98.47	250.9	-2,905.1	565.4	317.3	248.15	2.279			
11,900.0	7,149.0	12,056.1	7,232.8	127.2	129.0	98.53	249.8	-3,005.1	565.5	312.1	253.43	2.231			
12,000.0	7,149.0	12,156.1	7,233.4	129.9	131.6	98.58	248.7	-3,105.1	565.6	306.9	258.72	2.186			
12,100.0	7,149.0	12,256.1	7,234.0	132.5	134.3	98.64	247.7	-3,205.1	565.7	301.7	264.02	2.143			
12,200.0	7,149.0	12,356.1	7,234.6	135.3	137.0	98.70	246.6	-3,305.1	565.8	296.5	269.33	2.101			
12,300.0	7,149.0	12,456.1	7,235.2	138.0	139.7	98.76	245.5	-3,405.1	565.9	291.3	274.64	2.061			
12,400.0	7,149.0	12,556.1	7,235.7	140.7	142.4	98.82	244.4	-3,505.1	566.0	286.1	279.96	2.022			
12,500.0	7,149.0	12,656.1	7,236.3	143.4	145.2	98.87	243.3	-3,605.1	566.1	280.9	285.28	1.984			
12,600.0	7,149.0	12,756.1	7,236.9	146.1	147.9	98.93	242.2	-3,705.0	566.2	275.6	290.61	1.948			
12,700.0	7,149.0	12,856.1	7,237.5	148.8	150.6	98.99	241.1	-3,805.0	566.3	270.4	295.94	1.914			
12,800.0	7,149.0	12,956.1	7,238.1	151.6	153.3	99.05	240.0	-3,905.0	566.4	265.2	301.28	1.880			
12,900.0	7,149.0	13,056.1	7,238.6	154.3	156.0	99.10	238.9	-4,005.0	566.6	259.9	306.62	1.848			
13,000.0	7,149.0	13,156.1	7,239.2	157.0	158.8	99.16	237.8	-4,105.0	566.7	254.7	311.97	1.816			
13,100.0	7,149.0	13,256.1	7,239.8	159.7	161.5	99.22	236.7	-4,205.0	566.8	249.4	317.32	1.786			
13,200.0	7,149.0	13,356.1	7,240.4	162.5	164.2	99.28	235.6	-4,305.0	566.9	244.2	322.67	1.757			
13,300.0	7,149.0	13,456.1	7,241.0	165.2	167.0	99.34	234.5	-4,405.0	567.0	239.0	328.03	1.728			
13,400.0	7,149.0	13,556.1	7,241.6	168.0	169.7	99.39	233.4	-4,505.0	567.1	233.7	333.39	1.701			
13,500.0	7,149.0	13,656.1	7,242.1	170.7	172.4	99.45	232.3	-4,605.0	567.2	228.5	338.75	1.674			
13,600.0	7,149.0	13,756.1	7,242.7	173.4	175.2	99.51	231.2	-4,705.0	567.3	223.2	344.12	1.649			

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	13,856.1	7,243.3	176.2	177.9	99.57	230.2	-4,804.9	567.4	217.9	349.48	1.624		
13,800.0	7,149.0	13,956.1	7,243.9	178.9	180.7	99.62	229.1	-4,904.9	567.5	212.7	354.85	1.599		
13,900.0	7,149.0	14,056.1	7,244.5	181.7	183.4	99.68	228.0	-5,004.9	567.6	207.4	360.22	1.576		
14,000.0	7,149.0	14,156.1	7,245.0	184.5	186.2	99.74	226.9	-5,104.9	567.8	202.2	365.59	1.553		
14,100.0	7,149.0	14,256.1	7,245.6	187.2	188.9	99.80	225.8	-5,204.9	567.9	196.9	370.96	1.531		
14,200.0	7,149.0	14,356.1	7,246.2	190.0	191.7	99.85	224.7	-5,304.9	568.0	191.6	376.34	1.509		
14,300.0	7,149.0	14,456.1	7,246.8	192.7	194.4	99.91	223.6	-5,404.9	568.1	186.4	381.71	1.488 Level 3		
14,400.0	7,149.0	14,556.1	7,247.4	195.5	197.2	99.97	222.5	-5,504.9	568.2	181.1	387.09	1.468 Level 3		
14,500.0	7,149.0	14,656.1	7,247.9	198.2	200.0	100.03	221.4	-5,604.9	568.3	175.9	392.46	1.448 Level 3		
14,600.0	7,149.0	14,756.1	7,248.5	201.0	202.7	100.08	220.3	-5,704.9	568.4	170.6	397.84	1.429 Level 3		
14,700.0	7,149.0	14,856.1	7,249.1	203.8	205.5	100.14	219.2	-5,804.9	568.6	165.3	403.21	1.410 Level 3		
14,800.0	7,149.0	14,956.1	7,249.7	206.5	208.2	100.20	218.1	-5,904.8	568.7	160.1	408.59	1.392 Level 3		
14,900.0	7,149.0	15,056.1	7,250.3	209.3	211.0	100.25	217.0	-6,004.8	568.8	154.8	413.97	1.374 Level 3		
15,000.0	7,149.0	15,156.1	7,250.8	212.1	213.8	100.31	215.9	-6,104.8	568.9	149.6	419.35	1.357 Level 3		
15,100.0	7,149.0	15,256.1	7,251.4	214.8	216.5	100.37	214.8	-6,204.8	569.0	144.3	424.73	1.340 Level 3		
15,200.0	7,149.0	15,356.1	7,252.0	217.6	219.3	100.43	213.8	-6,304.8	569.2	139.0	430.10	1.323 Level 3		
15,300.0	7,149.0	15,456.1	7,252.6	220.4	222.1	100.48	212.7	-6,404.8	569.3	133.8	435.48	1.307 Level 3		
15,400.0	7,149.0	15,556.1	7,253.2	223.1	224.8	100.54	211.6	-6,504.8	569.4	128.5	440.86	1.292 Level 3		
15,500.0	7,149.0	15,656.1	7,253.7	225.9	227.6	100.60	210.5	-6,604.8	569.5	123.3	446.23	1.276 Level 3		
15,600.0	7,149.0	15,756.1	7,254.3	228.7	230.4	100.65	209.4	-6,704.8	569.6	118.0	451.61	1.261 Level 3		
15,700.0	7,149.0	15,856.1	7,254.9	231.5	233.2	100.71	208.3	-6,804.8	569.8	112.8	456.99	1.247 Level 2		
15,800.0	7,149.0	15,956.1	7,255.5	234.2	235.9	100.77	207.2	-6,904.7	569.9	107.5	462.36	1.233 Level 2		
15,900.0	7,149.0	16,056.1	7,256.1	237.0	238.7	100.83	206.1	-7,004.7	570.0	102.3	467.74	1.219 Level 2		
16,000.0	7,149.0	16,156.1	7,256.6	239.8	241.5	100.88	205.0	-7,104.7	570.1	97.0	473.11	1.205 Level 2		
16,100.0	7,149.0	16,256.1	7,257.2	242.6	244.2	100.94	203.9	-7,204.7	570.2	91.8	478.48	1.192 Level 2		
16,200.0	7,149.0	16,356.1	7,257.8	245.3	247.0	101.00	202.8	-7,304.7	570.4	86.5	483.85	1.179 Level 2		
16,300.0	7,149.0	16,456.1	7,258.4	248.1	249.8	101.05	201.7	-7,404.7	570.5	81.3	489.23	1.166 Level 2		
16,400.0	7,149.0	16,556.1	7,259.0	250.9	252.6	101.11	200.6	-7,504.7	570.6	76.0	494.60	1.154 Level 2		
16,500.0	7,149.0	16,656.1	7,259.5	253.7	255.4	101.17	199.5	-7,604.7	570.7	70.8	499.96	1.142 Level 2		
16,600.0	7,149.0	16,756.1	7,260.1	256.5	258.1	101.22	198.4	-7,704.7	570.9	65.5	505.33	1.130 Level 2		
16,700.0	7,149.0	16,856.1	7,260.7	259.2	260.9	101.28	197.3	-7,804.7	571.0	60.3	510.70	1.118 Level 2		
16,800.0	7,149.0	16,956.1	7,261.3	262.0	263.7	101.34	196.3	-7,904.7	571.1	55.1	516.06	1.107 Level 2		
16,900.0	7,149.0	17,056.0	7,261.9	264.8	266.5	101.40	195.2	-8,004.6	571.3	49.8	521.43	1.096 Level 2		
17,000.0	7,149.0	17,156.0	7,262.4	267.6	269.3	101.45	194.1	-8,104.6	571.4	44.6	526.79	1.085 Level 2		
17,100.0	7,149.0	17,256.0	7,263.0	270.4	272.0	101.51	193.0	-8,204.6	571.5	39.4	532.15	1.074 Level 2		
17,200.0	7,149.0	17,356.0	7,263.6	273.2	274.8	101.57	191.9	-8,304.6	571.7	34.1	537.51	1.064 Level 2		
17,300.0	7,149.0	17,456.0	7,264.2	275.9	277.6	101.62	190.8	-8,404.6	571.8	28.9	542.87	1.053 Level 2		
17,400.0	7,149.0	17,556.0	7,264.8	278.7	280.4	101.68	189.7	-8,504.6	571.9	23.7	548.23	1.043 Level 2		
17,500.0	7,149.0	17,656.0	7,265.3	281.5	283.2	101.74	188.6	-8,604.6	572.0	18.5	553.58	1.033 Level 2		
17,600.0	7,149.0	17,756.0	7,265.9	284.3	286.0	101.79	187.5	-8,704.6	572.2	13.2	558.94	1.024 Level 2		
17,700.0	7,149.0	17,856.0	7,266.5	287.1	288.7	101.85	186.4	-8,804.6	572.3	8.0	564.29	1.014 Level 2		
17,800.0	7,149.0	17,956.0	7,267.1	289.9	291.5	101.91	185.3	-8,904.6	572.4	2.8	569.64	1.005 Level 2		
17,900.0	7,149.0	18,056.0	7,267.7	292.7	294.3	101.96	184.2	-9,004.6	572.6	-2.4	574.99	0.996 Level 1		
18,000.0	7,149.0	18,156.0	7,268.3	295.5	297.1	102.02	183.1	-9,104.5	572.7	-7.6	580.34	0.987 Level 1		
18,100.0	7,149.0	18,256.0	7,268.8	298.2	299.9	102.07	182.0	-9,204.5	572.8	-12.8	585.68	0.978 Level 1		
18,112.2	7,149.0	18,268.2	7,268.9	298.6	300.2	102.08	181.9	-9,216.7	572.9	-13.5	586.33	0.977 Level 1		
18,152.4	7,149.0	18,285.0	7,269.0	299.7	300.7	102.09	181.7	-9,233.5	573.4	-14.5	587.87	0.975 Level 1, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	29.9	0.0	29.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	29.9	0.0	29.9	29.7	0.22	132.949		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	29.9	0.0	29.9	29.2	0.67	44.316		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	29.9	0.0	29.9	28.8	1.12	26.590		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	29.9	0.0	29.9	28.3	1.57	18.993		
484.7	484.7	484.7	484.7	1.0	1.0	1.80	29.9	0.9	29.9	27.9	1.94	15.369 CC		
500.0	500.0	500.0	500.0	1.0	1.0	2.51	29.8	1.3	29.9	27.9	2.01	14.860		
600.0	600.0	599.9	599.8	1.2	1.2	9.97	29.7	5.2	30.2	27.7	2.44	12.347		
700.0	700.0	699.5	699.2	1.4	1.4	-79.04	29.5	11.7	31.5	28.6	2.88	10.936		
800.0	799.9	799.1	798.4	1.7	1.7	-70.79	29.2	20.8	33.9	30.5	3.32	10.186		
900.0	899.7	898.5	897.1	1.9	1.9	-63.98	28.9	32.5	37.1	33.3	3.80	9.768		
1,000.0	999.3	997.8	995.3	2.1	2.3	-58.58	28.4	46.7	41.0	36.7	4.30	9.536		
1,100.0	1,098.6	1,096.9	1,093.0	2.4	2.6	-54.40	27.9	63.4	45.4	40.6	4.83	9.402		
1,200.0	1,197.5	1,195.9	1,190.1	2.7	3.0	-51.21	27.3	82.6	50.2	44.8	5.40	9.312		
1,300.0	1,296.1	1,294.7	1,286.6	3.0	3.4	-48.82	26.6	104.3	55.4	49.4	6.00	9.235		
1,400.0	1,394.2	1,393.5	1,382.3	3.3	3.8	-47.05	25.9	128.4	60.8	54.1	6.64	9.153		
1,500.0	1,491.7	1,492.0	1,477.2	3.8	4.4	-45.76	25.0	155.0	66.4	59.1	7.33	9.057		
1,600.0	1,588.6	1,590.5	1,571.3	4.2	4.9	-44.86	24.1	183.9	72.2	64.1	8.07	8.941		
1,700.0	1,684.9	1,688.8	1,664.4	4.7	5.5	-44.27	23.1	215.3	78.2	69.3	8.88	8.804		
1,800.0	1,780.4	1,786.9	1,756.6	5.3	6.2	-43.91	22.1	248.9	84.3	74.6	9.75	8.646		
1,900.0	1,875.0	1,885.3	1,848.2	5.9	6.9	-43.77	20.9	285.0	90.6	79.9	10.70	8.466		
2,000.0	1,968.9	1,985.2	1,940.8	6.6	7.7	-44.43	19.8	322.4	95.6	83.8	11.77	8.121		
2,100.0	2,061.7	2,085.1	2,033.4	7.3	8.4	-46.10	18.6	359.8	98.8	85.8	13.02	7.592		
2,175.5	2,131.2	2,160.5	2,103.3	7.9	9.0	-48.04	17.7	388.0	100.1	86.0	14.10	7.103		
2,200.0	2,153.7	2,184.9	2,126.0	8.1	9.2	-48.76	17.4	397.2	100.4	86.0	14.47	6.938		
2,300.0	2,245.3	2,284.8	2,218.6	8.9	10.0	-51.67	16.3	434.6	101.8	85.7	16.07	6.333		
2,400.0	2,336.9	2,384.7	2,311.2	9.7	10.8	-54.49	15.1	471.9	103.4	85.7	17.74	5.828		
2,500.0	2,428.5	2,484.5	2,403.7	10.6	11.6	-57.22	13.9	509.3	105.3	85.8	19.47	5.406		
2,600.0	2,520.1	2,584.4	2,496.3	11.4	12.4	-59.86	12.7	546.7	107.4	86.1	21.24	5.054		
2,700.0	2,611.7	2,684.2	2,588.9	12.2	13.1	-62.38	11.6	584.1	109.7	86.6	23.05	4.758		
2,800.0	2,703.3	2,784.1	2,681.5	13.1	13.9	-64.80	10.4	621.5	112.2	87.3	24.88	4.509		
2,900.0	2,794.9	2,883.9	2,774.1	13.9	14.7	-67.11	9.2	658.9	114.9	88.2	26.72	4.299		
3,000.0	2,886.6	2,983.8	2,866.7	14.8	15.5	-69.30	8.0	696.3	117.8	89.2	28.57	4.121		
3,100.0	2,978.2	3,083.7	2,959.3	15.6	16.3	-71.40	6.9	733.7	120.8	90.4	30.43	3.971		
3,200.0	3,069.8	3,183.5	3,051.9	16.5	17.1	-73.38	5.7	771.1	124.0	91.7	32.27	3.843		
3,300.0	3,161.4	3,283.4	3,144.4	17.4	17.9	-75.26	4.5	808.5	127.4	93.2	34.11	3.733		
3,400.0	3,253.0	3,383.2	3,237.0	18.2	18.7	-77.05	3.4	845.8	130.8	94.9	35.94	3.640		
3,500.0	3,344.6	3,483.1	3,329.6	19.1	19.5	-78.74	2.2	883.2	134.4	96.7	37.76	3.560		
3,600.0	3,436.2	3,583.0	3,422.2	19.9	20.3	-80.34	1.0	920.6	138.1	98.6	39.57	3.491		
3,700.0	3,527.9	3,682.8	3,514.8	20.8	21.1	-81.86	-0.2	958.0	141.9	100.6	41.36	3.432		
3,800.0	3,619.5	3,782.7	3,607.4	21.7	21.9	-83.30	-1.3	995.4	145.8	102.7	43.13	3.381		
3,900.0	3,711.1	3,882.5	3,700.0	22.5	22.7	-84.66	-2.5	1,032.8	149.8	104.9	44.90	3.337		
4,000.0	3,802.7	3,982.4	3,792.6	23.4	23.5	-85.95	-3.7	1,070.2	153.9	107.2	46.64	3.299		
4,100.0	3,894.3	4,082.2	3,885.1	24.3	24.3	-87.18	-4.9	1,107.6	158.0	109.7	48.38	3.267		
4,200.0	3,985.9	4,182.1	3,977.7	25.1	25.1	-88.34	-6.0	1,145.0	162.2	112.1	50.10	3.239		
4,300.0	4,077.5	4,282.0	4,070.3	26.0	25.9	-89.44	-7.2	1,182.3	166.5	114.7	51.80	3.215		
4,400.0	4,169.1	4,381.8	4,162.9	26.9	26.7	-90.49	-8.4	1,219.7	170.8	117.4	53.49	3.194		
4,500.0	4,260.8	4,481.7	4,255.5	27.7	27.5	-91.48	-9.5	1,257.1	175.2	120.1	55.18	3.176		
4,600.0	4,352.4	4,581.5	4,348.1	28.6	28.3	-92.43	-10.7	1,294.5	179.7	122.8	56.84	3.161		
4,700.0	4,444.0	4,681.4	4,440.7	29.5	29.1	-93.33	-11.9	1,331.9	184.2	125.7	58.50	3.148		
4,800.0	4,535.6	4,781.3	4,533.3	30.3	30.0	-94.18	-13.1	1,369.3	188.7	128.5	60.15	3.137		
4,900.0	4,627.2	4,881.1	4,625.8	31.2	30.8	-95.00	-14.2	1,406.7	193.2	131.5	61.79	3.128		

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 TA-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 TA-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 #2 (10-27-17)	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	4,718.8	4,981.0	4,718.4	32.1	31.6	-95.78	-15.4	1,444.1	197.9	134.4	63.42	3.120		
5,100.0	4,810.4	5,080.8	4,811.0	32.9	32.4	-96.52	-16.6	1,481.5	202.5	137.5	65.04	3.113		
5,144.9	4,851.6	5,125.7	4,852.6	33.3	32.7	-96.84	-17.1	1,498.3	204.6	138.8	65.76	3.111		
5,200.0	4,902.3	5,180.7	4,903.6	33.7	33.2	-97.14	-17.8	1,518.9	207.1	140.5	66.61	3.109		
5,300.0	4,995.3	5,280.6	4,996.2	34.4	34.0	-96.92	-18.9	1,556.3	211.3	143.3	68.07	3.105		
5,400.0	5,089.5	5,380.4	5,088.8	35.0	34.8	-95.78	-20.1	1,593.6	215.2	145.7	69.53	3.095		
5,500.0	5,184.9	5,480.2	5,181.6	35.5	35.5	-93.93	-21.3	1,630.4	218.9	148.0	70.88	3.088		
5,600.0	5,281.2	5,580.4	5,275.7	35.9	36.1	-92.06	-22.3	1,664.4	222.4	150.4	71.96	3.091		
5,700.0	5,378.4	5,680.8	5,371.3	36.4	36.6	-90.24	-23.3	1,695.1	225.8	153.0	72.84	3.100		
5,800.0	5,476.4	5,781.4	5,468.2	36.7	37.1	-88.47	-24.1	1,722.5	229.0	155.5	73.56	3.114		
5,900.0	5,575.0	5,882.4	5,566.2	37.0	37.5	-86.73	-24.9	1,746.6	232.1	158.0	74.11	3.132		
6,000.0	5,674.2	5,983.6	5,665.3	37.2	37.9	-85.03	-25.5	1,767.2	235.0	160.5	74.50	3.154		
6,100.0	5,773.7	6,085.2	5,765.4	37.4	38.2	-83.37	-26.1	1,784.4	237.7	162.9	74.74	3.180		
6,200.0	5,873.5	6,187.0	5,866.3	37.6	38.4	-81.72	-26.5	1,798.0	240.2	165.3	74.82	3.210		
6,300.0	5,973.5	6,289.0	5,967.8	37.7	38.6	-80.10	-26.8	1,808.1	242.4	167.7	74.76	3.243		
6,326.5	6,000.0	6,316.2	5,994.9	37.7	38.7	18.77	-26.9	1,810.2	243.0	204.6	38.43	6.323		
6,400.0	6,073.5	6,391.4	6,070.0	37.8	38.8	19.75	-27.0	1,814.6	244.3	205.1	39.13	6.243		
6,500.0	6,173.5	6,494.2	6,172.7	37.8	38.9	20.38	-27.1	1,817.4	245.1	205.4	39.72	6.171		
6,600.0	6,273.5	6,594.9	6,273.5	37.9	39.0	20.41	-27.1	1,817.5	245.2	205.2	40.00	6.129		
6,700.0	6,373.5	6,694.9	6,373.5	38.0	39.0	20.41	-27.1	1,817.5	245.2	204.9	40.27	6.089		
6,759.5	6,433.0	6,754.4	6,433.0	38.0	39.1	20.41	-27.1	1,817.5	245.2	204.7	40.43	6.064		
6,800.0	6,473.4	6,794.9	6,473.4	38.0	39.1	111.27	-27.1	1,817.5	245.6	170.6	74.99	3.275		
6,850.0	6,523.2	6,844.7	6,523.2	38.0	39.2	112.12	-27.1	1,817.5	247.3	172.6	74.69	3.311		
6,900.0	6,572.6	6,894.0	6,572.6	38.0	39.2	113.57	-27.1	1,817.5	250.4	176.3	74.13	3.378		
6,950.0	6,621.2	6,951.6	6,630.0	37.9	39.2	115.55	-27.1	1,815.2	254.5	181.2	73.24	3.474		
7,000.0	6,669.0	7,010.2	6,688.3	37.8	39.2	117.38	-27.2	1,808.2	258.5	186.3	72.22	3.580		
7,050.0	6,715.6	7,069.9	6,746.7	37.7	39.1	119.03	-27.4	1,796.2	262.5	191.4	71.09	3.692		
7,100.0	6,760.8	7,130.6	6,804.9	37.5	38.9	120.51	-27.5	1,779.0	266.3	196.4	69.90	3.810		
7,150.0	6,804.4	7,192.1	6,862.2	37.4	38.8	121.82	-27.8	1,756.6	269.9	201.3	68.68	3.930		
7,200.0	6,846.2	7,254.5	6,918.1	37.2	38.6	122.94	-28.1	1,729.0	273.2	205.7	67.46	4.050		
7,250.0	6,886.0	7,317.6	6,972.0	37.1	38.4	123.89	-28.4	1,696.2	276.1	209.8	66.28	4.165		
7,300.0	6,923.6	7,381.4	7,023.3	37.0	38.2	124.65	-28.9	1,658.3	278.4	213.3	65.19	4.271		
7,350.0	6,958.8	7,445.7	7,071.4	36.9	38.0	125.23	-29.3	1,615.7	280.3	216.1	64.21	4.366		
7,400.0	6,991.4	7,510.4	7,115.7	36.8	37.9	125.62	-29.8	1,568.7	281.6	218.2	63.39	4.443		
7,450.0	7,021.3	7,575.3	7,155.8	36.7	37.8	125.83	-30.4	1,517.6	282.3	219.5	62.76	4.498		
7,500.0	7,048.3	7,640.3	7,191.1	36.7	37.7	125.86	-31.0	1,463.0	282.4	220.0	62.36	4.528		
7,550.0	7,072.4	7,705.3	7,221.3	36.8	37.8	125.70	-31.6	1,405.5	281.9	219.7	62.21	4.531		
7,600.0	7,093.3	7,770.0	7,246.1	36.8	37.8	125.35	-32.3	1,345.7	280.8	218.4	62.32	4.505		
7,650.0	7,111.0	7,834.5	7,265.3	36.9	38.0	124.82	-33.0	1,284.3	279.1	216.4	62.71	4.450		
7,700.0	7,125.4	7,898.4	7,278.9	37.1	38.2	124.11	-33.7	1,221.8	276.8	213.5	63.36	4.369		
7,750.0	7,136.5	7,961.7	7,286.7	37.3	38.5	123.21	-34.3	1,159.0	274.1	209.8	64.26	4.265		
7,800.0	7,144.0	8,022.6	7,289.0	37.5	38.8	122.18	-35.0	1,098.2	271.0	205.6	65.37	4.146		
7,850.0	7,148.2	8,072.4	7,289.2	37.8	39.2	121.61	-35.6	1,048.4	268.9	202.7	66.21	4.062		
7,880.9	7,149.0	8,103.3	7,289.4	38.0	39.4	121.51	-35.9	1,017.5	268.6	202.0	66.61	4.032		
7,884.3	7,149.0	8,106.7	7,289.4	38.0	39.4	121.52	-35.9	1,014.1	268.6	201.9	66.65	4.030		
7,884.4	7,149.0	8,106.8	7,289.4	38.0	39.4	121.52	-35.9	1,014.0	268.6	201.9	66.65	4.030		
7,885.3	7,149.0	8,107.7	7,289.4	38.0	39.4	121.52	-35.9	1,013.1	268.6	201.9	66.66	4.029		
7,900.0	7,149.0	8,122.4	7,289.5	38.1	39.5	121.53	-36.1	998.4	268.6	201.8	66.86	4.018		
8,000.0	7,149.0	8,222.4	7,289.9	38.9	40.4	121.61	-37.2	898.4	268.9	200.5	68.33	3.935		
8,100.0	7,149.0	8,322.4	7,290.3	39.8	41.4	121.68	-38.3	798.4	269.1	199.0	70.08	3.840		
8,200.0	7,149.0	8,422.4	7,290.8	40.9	42.6	121.76	-39.4	698.4	269.3	197.2	72.11	3.735		
8,300.0	7,149.0	8,522.4	7,291.2	42.2	43.9	121.84	-40.5	598.4	269.6	195.2	74.40	3.623		

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 TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	7,149.0	8,622.4	7,291.6	43.6	45.4	121.92	-41.6	498.4	269.8	192.9	76.93	3.507		
8,500.0	7,149.0	8,722.4	7,292.1	45.2	47.0	121.99	-42.7	398.4	270.1	190.4	79.66	3.390		
8,600.0	7,149.0	8,822.4	7,292.5	46.8	48.7	122.07	-43.8	298.4	270.3	187.7	82.58	3.273		
8,700.0	7,149.0	8,922.4	7,293.0	48.6	50.5	122.15	-44.9	198.4	270.5	184.9	85.66	3.158		
8,800.0	7,149.0	9,022.4	7,293.4	50.5	52.4	122.22	-46.0	98.4	270.8	181.9	88.88	3.047		
8,900.0	7,149.0	9,122.4	7,293.8	52.5	54.4	122.30	-47.1	-1.5	271.0	178.8	92.24	2.938		
9,000.0	7,149.0	9,222.4	7,294.3	54.5	56.4	122.38	-48.2	-101.5	271.3	175.6	95.70	2.834		
9,100.0	7,149.0	9,322.4	7,294.7	56.6	58.5	122.45	-49.3	-201.5	271.5	172.2	99.27	2.735		
9,200.0	7,149.0	9,422.4	7,295.1	58.8	60.7	122.53	-50.4	-301.5	271.7	168.8	102.93	2.640		
9,300.0	7,149.0	9,522.4	7,295.6	61.0	62.9	122.61	-51.5	-401.5	272.0	165.3	106.67	2.550		
9,400.0	7,149.0	9,622.4	7,296.0	63.2	65.2	122.68	-52.6	-501.5	272.2	161.8	110.49	2.464		
9,500.0	7,149.0	9,722.4	7,296.4	65.5	67.5	122.76	-53.7	-601.5	272.5	158.1	114.36	2.383		
9,600.0	7,149.0	9,822.4	7,296.9	67.9	69.8	122.84	-54.8	-701.5	272.7	154.4	118.29	2.306		
9,700.0	7,149.0	9,922.4	7,297.3	70.3	72.2	122.91	-55.9	-801.5	273.0	150.7	122.26	2.233		
9,800.0	7,149.0	10,022.4	7,297.7	72.7	74.6	122.99	-57.0	-901.5	273.2	146.9	126.29	2.163		
9,900.0	7,149.0	10,122.4	7,298.2	75.1	77.0	123.06	-58.1	-1,001.5	273.5	143.1	130.35	2.098		
10,000.0	7,149.0	10,222.4	7,298.6	77.6	79.5	123.14	-59.2	-1,101.5	273.7	139.3	134.44	2.036		
10,100.0	7,149.0	10,322.4	7,299.1	80.1	82.0	123.21	-60.3	-1,201.5	274.0	135.4	138.57	1.977		
10,200.0	7,149.0	10,422.4	7,299.5	82.6	84.5	123.29	-61.4	-1,301.4	274.2	131.5	142.72	1.921		
10,300.0	7,149.0	10,522.4	7,299.9	85.1	87.0	123.36	-62.5	-1,401.4	274.5	127.5	146.90	1.868		
10,400.0	7,149.0	10,622.4	7,300.4	87.6	89.5	123.44	-63.5	-1,501.4	274.7	123.6	151.10	1.818		
10,500.0	7,149.0	10,722.4	7,300.8	90.2	92.1	123.51	-64.6	-1,601.4	274.9	119.6	155.32	1.770		
10,600.0	7,149.0	10,822.4	7,301.2	92.8	94.7	123.59	-65.7	-1,701.4	275.2	115.6	159.56	1.725		
10,700.0	7,149.0	10,922.4	7,301.7	95.4	97.2	123.66	-66.8	-1,801.4	275.4	111.6	163.81	1.682		
10,800.0	7,149.0	11,022.4	7,302.1	98.0	99.8	123.73	-67.9	-1,901.4	275.7	107.6	168.07	1.640		
10,900.0	7,149.0	11,122.4	7,302.5	100.6	102.4	123.81	-69.0	-2,001.4	275.9	103.6	172.35	1.601		
11,000.0	7,149.0	11,222.4	7,303.0	103.2	105.1	123.88	-70.1	-2,101.4	276.2	99.6	176.63	1.564		
11,100.0	7,149.0	11,322.4	7,303.4	105.8	107.7	123.96	-71.2	-2,201.4	276.4	95.5	180.93	1.528		
11,200.0	7,149.0	11,422.4	7,303.8	108.5	110.3	124.03	-72.3	-2,301.4	276.7	91.5	185.23	1.494 Level 3		
11,300.0	7,149.0	11,522.4	7,304.3	111.1	113.0	124.10	-73.4	-2,401.4	277.0	87.4	189.54	1.461 Level 3		
11,400.0	7,149.0	11,622.4	7,304.7	113.8	115.6	124.18	-74.5	-2,501.4	277.2	83.3	193.86	1.430 Level 3		
11,500.0	7,149.0	11,722.4	7,305.2	116.4	118.3	124.25	-75.6	-2,601.3	277.5	79.3	198.18	1.400 Level 3		
11,600.0	7,149.0	11,822.4	7,305.6	119.1	120.9	124.32	-76.7	-2,701.3	277.7	75.2	202.51	1.371 Level 3		
11,700.0	7,149.0	11,922.4	7,306.0	121.8	123.6	124.40	-77.8	-2,801.3	278.0	71.1	206.84	1.344 Level 3		
11,800.0	7,149.0	12,022.4	7,306.5	124.5	126.3	124.47	-78.9	-2,901.3	278.2	67.0	211.17	1.318 Level 3		
11,900.0	7,149.0	12,122.4	7,306.9	127.2	129.0	124.54	-80.0	-3,001.3	278.5	63.0	215.50	1.292 Level 3		
12,000.0	7,149.0	12,222.4	7,307.3	129.9	131.7	124.61	-81.1	-3,101.3	278.7	58.9	219.83	1.268 Level 3		
12,100.0	7,149.0	12,322.4	7,307.8	132.5	134.3	124.69	-82.2	-3,201.3	279.0	54.8	224.17	1.245 Level 2		
12,200.0	7,149.0	12,422.4	7,308.2	135.3	137.0	124.76	-83.3	-3,301.3	279.2	50.7	228.51	1.222 Level 2		
12,300.0	7,149.0	12,522.4	7,308.6	138.0	139.7	124.83	-84.4	-3,401.3	279.5	46.6	232.84	1.200 Level 2		
12,400.0	7,149.0	12,622.4	7,309.1	140.7	142.5	124.90	-85.5	-3,501.3	279.7	42.6	237.18	1.179 Level 2		
12,500.0	7,149.0	12,722.4	7,309.5	143.4	145.2	124.97	-86.6	-3,601.3	280.0	38.5	241.51	1.159 Level 2		
12,600.0	7,149.0	12,822.4	7,309.9	146.1	147.9	125.05	-87.7	-3,701.3	280.3	34.4	245.85	1.140 Level 2		
12,700.0	7,149.0	12,922.4	7,310.4	148.8	150.6	125.12	-88.8	-3,801.3	280.5	30.3	250.18	1.121 Level 2		
12,800.0	7,149.0	13,022.4	7,310.8	151.6	153.3	125.19	-89.9	-3,901.2	280.8	26.3	254.51	1.103 Level 2		
12,900.0	7,149.0	13,122.4	7,311.2	154.3	156.0	125.26	-91.0	-4,001.2	281.0	22.2	258.84	1.086 Level 2		
13,000.0	7,149.0	13,222.4	7,311.7	157.0	158.8	125.33	-92.1	-4,101.2	281.3	18.1	263.16	1.069 Level 2		
13,100.0	7,149.0	13,322.4	7,312.1	159.7	161.5	125.40	-93.2	-4,201.2	281.6	14.1	267.48	1.053 Level 2		
13,200.0	7,149.0	13,422.4	7,312.5	162.5	164.2	125.47	-94.3	-4,301.2	281.8	10.0	271.80	1.037 Level 2		
13,300.0	7,149.0	13,522.4	7,313.0	165.2	167.0	125.55	-95.4	-4,401.2	282.1	5.9	276.12	1.022 Level 2		
13,400.0	7,149.0	13,622.4	7,313.4	168.0	169.7	125.62	-96.5	-4,501.2	282.3	1.9	280.44	1.007 Level 2		
13,500.0	7,149.0	13,722.4	7,313.8	170.7	172.4	125.69	-97.6	-4,601.2	282.6	-2.2	284.75	0.992 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 TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.0	7,149.0	13,822.4	7,314.3	173.4	175.2	125.76	-98.7	-4,701.2	282.9	-6.2	289.05	0.979	Level 1	
13,700.0	7,149.0	13,922.4	7,314.7	176.2	177.9	125.83	-99.8	-4,801.2	283.1	-10.2	293.36	0.965	Level 1	
13,800.0	7,149.0	14,022.4	7,315.2	178.9	180.7	125.90	-100.9	-4,901.2	283.4	-14.3	297.65	0.952	Level 1	
13,900.0	7,149.0	14,122.4	7,315.6	181.7	183.4	125.97	-102.0	-5,001.2	283.6	-18.3	301.95	0.939	Level 1	
14,000.0	7,149.0	14,222.4	7,316.0	184.5	186.2	126.04	-103.1	-5,101.2	283.9	-22.3	306.24	0.927	Level 1	
14,100.0	7,149.0	14,322.4	7,316.5	187.2	188.9	126.11	-104.2	-5,201.1	284.2	-26.4	310.53	0.915	Level 1	
14,200.0	7,149.0	14,422.4	7,316.9	190.0	191.7	126.18	-105.3	-5,301.1	284.4	-30.4	314.81	0.903	Level 1	
14,300.0	7,149.0	14,522.4	7,317.3	192.7	194.4	126.25	-106.4	-5,401.1	284.7	-34.4	319.08	0.892	Level 1	
14,400.0	7,149.0	14,622.4	7,317.8	195.5	197.2	126.32	-107.5	-5,501.1	285.0	-38.4	323.36	0.881	Level 1	
14,500.0	7,149.0	14,722.4	7,318.2	198.2	199.9	126.39	-108.6	-5,601.1	285.2	-42.4	327.62	0.871	Level 1	
14,600.0	7,149.0	14,822.4	7,318.6	201.0	202.7	126.45	-109.7	-5,701.1	285.5	-46.4	331.89	0.860	Level 1	
14,700.0	7,149.0	14,922.4	7,319.1	203.8	205.5	126.52	-110.8	-5,801.1	285.7	-50.4	336.14	0.850	Level 1	
14,800.0	7,149.0	15,022.4	7,319.5	206.5	208.2	126.59	-111.9	-5,901.1	286.0	-54.4	340.40	0.840	Level 1	
14,900.0	7,149.0	15,122.4	7,319.9	209.3	211.0	126.66	-113.0	-6,001.1	286.3	-58.4	344.64	0.831	Level 1	
15,000.0	7,149.0	15,222.4	7,320.4	212.1	213.8	126.73	-114.1	-6,101.1	286.5	-62.3	348.88	0.821	Level 1	
15,100.0	7,149.0	15,322.4	7,320.8	214.8	216.5	126.80	-115.2	-6,201.1	286.8	-66.3	353.12	0.812	Level 1	
15,200.0	7,149.0	15,422.4	7,321.2	217.6	219.3	126.87	-116.3	-6,301.1	287.1	-70.3	357.35	0.803	Level 1	
15,300.0	7,149.0	15,522.4	7,321.7	220.4	222.1	126.93	-117.4	-6,401.1	287.3	-74.2	361.58	0.795	Level 1	
15,400.0	7,149.0	15,622.4	7,322.1	223.1	224.8	127.00	-118.5	-6,501.0	287.6	-78.2	365.80	0.786	Level 1	
15,500.0	7,149.0	15,722.4	7,322.5	225.9	227.6	127.07	-119.6	-6,601.0	287.9	-82.1	370.01	0.778	Level 1	
15,600.0	7,149.0	15,822.4	7,323.0	228.7	230.4	127.14	-120.7	-6,701.0	288.1	-86.1	374.22	0.770	Level 1	
15,700.0	7,149.0	15,922.4	7,323.4	231.5	233.1	127.21	-121.8	-6,801.0	288.4	-90.0	378.42	0.762	Level 1	
15,800.0	7,149.0	16,022.4	7,323.8	234.2	235.9	127.27	-122.9	-6,901.0	288.7	-93.9	382.62	0.754	Level 1	
15,900.0	7,149.0	16,122.4	7,324.3	237.0	238.7	127.34	-124.0	-7,001.0	289.0	-97.9	386.81	0.747	Level 1	
16,000.0	7,149.0	16,222.4	7,324.7	239.8	241.5	127.41	-125.1	-7,101.0	289.2	-101.8	391.00	0.740	Level 1	
16,100.0	7,149.0	16,322.4	7,325.1	242.6	244.2	127.48	-126.2	-7,201.0	289.5	-105.7	395.18	0.733	Level 1	
16,200.0	7,149.0	16,422.4	7,325.6	245.3	247.0	127.54	-127.3	-7,301.0	289.8	-109.6	399.35	0.726	Level 1	
16,300.0	7,149.0	16,522.4	7,326.0	248.1	249.8	127.61	-128.4	-7,401.0	290.0	-113.5	403.52	0.719	Level 1	
16,400.0	7,149.0	16,622.4	7,326.4	250.9	252.6	127.68	-129.5	-7,501.0	290.3	-117.4	407.68	0.712	Level 1	
16,500.0	7,149.0	16,722.4	7,326.9	253.7	255.3	127.74	-130.6	-7,601.0	290.6	-121.3	411.84	0.706	Level 1	
16,600.0	7,149.0	16,822.4	7,327.3	256.5	258.1	127.81	-131.7	-7,700.9	290.8	-125.1	415.99	0.699	Level 1	
16,700.0	7,149.0	16,922.4	7,327.7	259.2	260.9	127.88	-132.8	-7,800.9	291.1	-129.0	420.13	0.693	Level 1	
16,800.0	7,149.0	17,022.4	7,328.2	262.0	263.7	127.94	-133.9	-7,900.9	291.4	-132.9	424.27	0.687	Level 1	
16,900.0	7,149.0	17,122.4	7,328.6	264.8	266.5	128.01	-135.0	-8,000.9	291.7	-136.7	428.40	0.681	Level 1	
17,000.0	7,149.0	17,222.4	7,329.0	267.6	269.2	128.08	-136.1	-8,100.9	291.9	-140.6	432.53	0.675	Level 1	
17,100.0	7,149.0	17,322.4	7,329.5	270.4	272.0	128.14	-137.2	-8,200.9	292.2	-144.4	436.65	0.669	Level 1	
17,200.0	7,149.0	17,422.4	7,329.9	273.2	274.8	128.21	-138.3	-8,300.9	292.5	-148.3	440.76	0.664	Level 1	
17,300.0	7,149.0	17,522.4	7,330.3	275.9	277.6	128.27	-139.4	-8,400.9	292.8	-152.1	444.87	0.658	Level 1	
17,400.0	7,149.0	17,622.4	7,330.8	278.7	280.4	128.34	-140.5	-8,500.9	293.0	-155.9	448.97	0.653	Level 1	
17,500.0	7,149.0	17,722.3	7,331.2	281.5	283.2	128.40	-141.6	-8,600.9	293.3	-159.8	453.06	0.647	Level 1	
17,600.0	7,149.0	17,822.3	7,331.6	284.3	285.9	128.47	-142.7	-8,700.9	293.6	-163.6	457.15	0.642	Level 1	
17,700.0	7,149.0	17,922.3	7,332.1	287.1	288.7	128.54	-143.8	-8,800.9	293.9	-167.4	461.23	0.637	Level 1	
17,800.0	7,149.0	18,022.3	7,332.5	289.9	291.5	128.60	-144.9	-8,900.9	294.1	-171.2	465.31	0.632	Level 1	
17,900.0	7,149.0	18,122.3	7,332.9	292.7	294.3	128.67	-146.0	-9,000.8	294.4	-175.0	469.38	0.627	Level 1	
18,000.0	7,149.0	18,222.3	7,333.4	295.5	297.1	128.73	-147.1	-9,100.8	294.7	-178.8	473.44	0.622	Level 1	
18,100.0	7,149.0	18,322.3	7,333.8	298.2	299.9	128.80	-148.2	-9,200.8	295.0	-182.5	477.50	0.618	Level 1	
18,122.3	7,149.0	18,344.6	7,333.9	298.9	300.5	128.81	-148.5	-9,223.1	295.0	-183.4	478.40	0.617	Level 1	
18,152.4	7,149.0	18,366.8	7,334.0	299.7	301.1	128.82	-148.7	-9,245.3	295.2	-184.3	479.47	0.616	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	14.9	0.0	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	0.00	14.9	0.0	14.9	14.7	0.22	66.439		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	14.9	0.0	14.9	14.3	0.67	22.146		
300.0	300.0	300.0	300.0	0.6	0.6	5.03	14.8	1.3	14.8	13.7	1.11	13.345		
313.5	313.5	313.5	313.5	0.6	0.6	6.49	14.7	1.7	14.8	13.7	1.17	12.661 CC		
400.0	400.0	399.9	399.8	0.8	0.8	19.92	14.3	5.2	15.3	13.7	1.55	9.823		
500.0	500.0	499.5	499.2	1.0	1.0	40.60	13.6	11.7	17.9	15.9	2.00	8.956		
600.0	600.0	598.7	598.0	1.2	1.3	58.65	12.6	20.7	24.3	21.8	2.47	9.824		
700.0	700.0	697.5	696.1	1.4	1.5	-28.75	11.3	32.2	33.1	30.2	2.92	11.353		
800.0	799.9	796.1	793.7	1.7	1.9	-22.62	9.7	46.1	42.7	39.4	3.36	12.714		
900.0	899.7	894.4	890.6	1.9	2.2	-18.86	7.8	62.5	52.6	48.8	3.81	13.789		
1,000.0	999.3	992.5	986.8	2.1	2.6	-16.38	5.7	81.4	62.6	58.3	4.28	14.622		
1,100.0	1,098.6	1,090.2	1,082.2	2.4	3.0	-14.66	3.3	102.6	72.6	67.9	4.76	15.262		
1,200.0	1,197.5	1,187.8	1,176.8	2.7	3.5	-13.42	0.6	126.2	82.7	77.4	5.25	15.747		
1,300.0	1,296.1	1,285.1	1,270.5	3.0	4.0	-12.51	-2.4	152.1	92.7	86.9	5.76	16.105		
1,400.0	1,394.2	1,382.1	1,363.4	3.3	4.6	-11.83	-5.6	180.3	102.7	96.4	6.27	16.370		
1,500.0	1,491.7	1,478.9	1,455.2	3.8	5.2	-11.31	-9.0	210.8	112.6	105.8	6.81	16.534		
1,600.0	1,588.6	1,575.5	1,546.0	4.2	5.9	-10.92	-12.8	243.4	122.5	115.2	7.37	16.631		
1,700.0	1,684.9	1,671.9	1,635.7	4.7	6.6	-10.63	-16.7	278.3	132.3	124.4	7.94	16.668		
1,800.0	1,780.4	1,771.2	1,727.6	5.3	7.4	-10.48	-21.0	315.6	141.0	132.5	8.54	16.518		
1,900.0	1,875.0	1,871.0	1,820.0	5.9	8.1	-10.52	-25.2	353.1	147.2	138.0	9.16	16.071		
2,000.0	1,968.9	1,970.9	1,912.6	6.6	8.9	-10.76	-29.5	390.6	150.8	141.0	9.80	15.381		
2,100.0	2,061.7	2,070.9	2,005.1	7.3	9.7	-11.18	-33.8	428.2	151.8	141.3	10.48	14.492		
2,175.5	2,131.2	2,146.4	2,075.0	7.9	10.3	-11.62	-37.0	456.5	150.9	139.9	11.01	13.710		
2,200.0	2,153.7	2,170.9	2,097.7	8.1	10.5	-11.79	-38.0	465.7	150.3	139.2	11.19	13.435		
2,300.0	2,245.3	2,270.8	2,190.2	8.9	11.3	-12.47	-42.3	503.3	148.2	136.2	11.97	12.384		
2,400.0	2,336.9	2,370.8	2,282.7	9.7	12.1	-13.18	-46.6	540.8	146.0	133.3	12.77	11.438		
2,500.0	2,428.5	2,470.7	2,375.3	10.6	12.9	-13.90	-50.8	578.4	143.9	130.3	13.60	10.585		
2,600.0	2,520.1	2,570.7	2,467.8	11.4	13.8	-14.65	-55.1	615.9	141.8	127.4	14.45	9.812		
2,700.0	2,611.7	2,670.7	2,560.4	12.2	14.6	-15.42	-59.4	653.5	139.7	124.4	15.34	9.109		
2,800.0	2,703.3	2,770.6	2,652.9	13.1	15.4	-16.21	-63.7	691.0	137.7	121.4	16.26	8.469		
2,900.0	2,794.9	2,870.6	2,745.5	13.9	16.2	-17.02	-67.9	728.6	135.7	118.5	17.21	7.883		
3,000.0	2,886.6	2,970.5	2,838.0	14.8	17.0	-17.86	-72.2	766.1	133.7	115.5	18.20	7.346		
3,100.0	2,978.2	3,070.5	2,930.5	15.6	17.8	-18.73	-76.5	803.7	131.7	112.5	19.22	6.852		
3,200.0	3,069.8	3,170.5	3,023.1	16.5	18.6	-19.62	-80.7	841.2	129.8	109.5	20.28	6.398		
3,300.0	3,161.4	3,270.4	3,115.6	17.4	19.4	-20.54	-85.0	878.8	127.9	106.5	21.39	5.978		
3,400.0	3,253.0	3,370.4	3,208.2	18.2	20.2	-21.48	-89.3	916.4	126.0	103.5	22.54	5.591		
3,500.0	3,344.6	3,470.3	3,300.7	19.1	21.1	-22.45	-93.6	953.9	124.2	100.4	23.73	5.232		
3,600.0	3,436.2	3,570.3	3,393.2	19.9	21.9	-23.46	-97.8	991.5	122.4	97.4	24.98	4.900		
3,700.0	3,527.9	3,670.3	3,485.8	20.8	22.7	-24.49	-102.1	1,029.0	120.6	94.3	26.27	4.591		
3,800.0	3,619.5	3,770.2	3,578.3	21.7	23.5	-25.55	-106.4	1,066.6	118.9	91.3	27.61	4.305		
3,900.0	3,711.1	3,870.2	3,670.9	22.5	24.3	-26.64	-110.6	1,104.1	117.2	88.2	29.02	4.040		
4,000.0	3,802.7	3,970.1	3,763.4	23.4	25.1	-27.77	-114.9	1,141.7	115.6	85.1	30.47	3.793		
4,100.0	3,894.3	4,070.1	3,855.9	24.3	25.9	-28.92	-119.2	1,179.2	114.0	82.0	31.99	3.564		
4,200.0	3,985.9	4,170.1	3,948.5	25.1	26.8	-30.11	-123.4	1,216.8	112.5	78.9	33.56	3.351		
4,300.0	4,077.5	4,270.0	4,041.0	26.0	27.6	-31.33	-127.7	1,254.3	111.0	75.8	35.20	3.153		
4,400.0	4,169.1	4,370.0	4,133.6	26.9	28.4	-32.58	-132.0	1,291.9	109.5	72.6	36.90	2.969		
4,500.0	4,260.8	4,470.0	4,226.1	27.7	29.2	-33.87	-136.3	1,329.4	108.2	69.5	38.66	2.798		
4,600.0	4,352.4	4,569.9	4,318.6	28.6	30.0	-35.18	-140.5	1,367.0	106.8	66.4	40.48	2.639		
4,700.0	4,444.0	4,669.9	4,411.2	29.5	30.8	-36.53	-144.8	1,404.5	105.6	63.2	42.37	2.492		
4,800.0	4,535.6	4,769.8	4,503.7	30.3	31.6	-37.92	-149.1	1,442.1	104.4	60.0	44.31	2.355		
4,900.0	4,627.2	4,869.8	4,596.3	31.2	32.5	-39.33	-153.3	1,479.6	103.2	56.9	46.32	2.228		

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 TA-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 TA-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 #2 (10-27-17)	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	4,718.8	4,969.8	4,688.8	32.1	33.3	-40.78	-157.6	1,517.2	102.1	53.7	48.39	2.110		
5,100.0	4,810.4	5,069.7	4,781.3	32.9	34.1	-42.25	-161.9	1,554.7	101.1	50.6	50.52	2.002		
5,144.9	4,851.6	5,114.6	4,822.9	33.3	34.5	-42.92	-163.8	1,571.6	100.7	49.2	51.49	1.955		
5,181.6	4,885.3	5,151.3	4,856.8	33.6	34.8	-43.38	-165.4	1,585.4	100.5	48.3	52.21	1.925		
5,200.0	4,902.3	5,169.7	4,873.9	33.7	34.9	-43.54	-166.2	1,592.3	100.5	48.0	52.53	1.914		
5,300.0	4,995.3	5,271.1	4,968.0	34.4	35.7	-43.82	-170.4	1,629.9	101.9	48.1	53.76	1.895		
5,400.0	5,089.5	5,373.8	5,064.5	35.0	36.3	-43.95	-174.4	1,664.9	103.4	48.6	54.75	1.888		
5,500.0	5,184.9	5,476.6	5,162.2	35.5	36.8	-44.06	-178.0	1,696.6	104.7	49.1	55.62	1.883		
5,600.0	5,281.2	5,579.4	5,261.0	35.9	37.3	-44.15	-181.2	1,724.7	105.9	49.6	56.38	1.879		
5,700.0	5,378.4	5,682.2	5,360.8	36.4	37.8	-44.24	-184.0	1,749.2	107.0	49.9	57.05	1.876		
5,800.0	5,476.4	5,785.1	5,461.4	36.7	38.1	-44.30	-186.4	1,770.2	107.9	50.3	57.61	1.873		
5,900.0	5,575.0	5,887.9	5,562.8	37.0	38.4	-44.36	-188.4	1,787.7	108.6	50.6	58.07	1.871		
6,000.0	5,674.2	5,990.8	5,664.7	37.2	38.7	-44.41	-189.9	1,801.4	109.2	50.8	58.44	1.869		
6,100.0	5,773.7	6,093.7	5,767.1	37.4	38.9	-44.44	-191.1	1,811.6	109.6	50.9	58.71	1.868		
6,200.0	5,873.5	6,196.6	5,869.8	37.6	39.0	-44.46	-191.8	1,818.1	109.9	51.0	58.89	1.866		
6,300.0	5,973.5	6,299.5	5,972.7	37.7	39.1	-44.47	-192.2	1,820.9	110.0	51.1	58.98	1.866		
6,326.5	6,000.0	6,326.9	6,000.0	37.7	39.2	53.97	-192.2	1,821.0	110.1	49.3	60.73	1.812		
6,400.0	6,073.5	6,400.3	6,073.5	37.8	39.2	53.97	-192.2	1,821.0	110.1	49.2	60.85	1.809		
6,500.0	6,173.5	6,500.3	6,173.5	37.8	39.3	53.97	-192.2	1,821.0	110.1	49.0	61.03	1.803		
6,600.0	6,273.5	6,600.3	6,273.5	37.9	39.4	53.97	-192.2	1,821.0	110.1	48.8	61.21	1.798		
6,700.0	6,373.5	6,700.3	6,373.5	38.0	39.4	53.97	-192.2	1,821.0	110.1	48.7	61.40	1.793		
6,759.5	6,433.0	6,759.8	6,433.0	38.0	39.5	53.97	-192.2	1,821.0	110.1	48.5	61.51	1.789		
6,800.0	6,473.4	6,800.3	6,473.4	38.0	39.5	144.91	-192.2	1,821.0	111.0	51.6	59.37	1.870		
6,850.0	6,523.2	6,850.1	6,523.2	38.0	39.5	146.05	-192.2	1,821.0	114.8	56.6	58.17	1.973		
6,900.0	6,572.6	6,899.4	6,572.6	38.0	39.6	147.87	-192.2	1,821.0	121.5	65.2	56.32	2.158		
6,950.0	6,621.2	6,948.1	6,621.2	37.9	39.6	150.11	-192.2	1,821.0	131.4	77.4	53.95	2.436		
7,000.0	6,669.0	7,000.4	6,673.5	37.8	39.7	152.71	-192.2	1,820.5	144.2	93.1	51.06	2.824		
7,050.0	6,715.6	7,059.5	6,732.5	37.7	39.6	155.20	-192.2	1,816.0	157.3	109.3	48.02	3.277		
7,100.0	6,760.8	7,120.4	6,792.6	37.5	39.6	157.23	-192.3	1,806.3	170.1	124.9	45.13	3.769		
7,150.0	6,804.4	7,183.1	6,853.3	37.4	39.5	158.90	-192.5	1,791.0	182.2	139.9	42.36	4.302		
7,200.0	6,846.2	7,247.5	6,914.1	37.2	39.3	160.28	-192.7	1,769.8	193.6	153.9	39.69	4.878		
7,250.0	6,886.0	7,313.7	6,974.3	37.1	39.1	161.41	-193.0	1,742.4	204.1	167.0	37.12	5.498		
7,300.0	6,923.6	7,381.5	7,033.2	37.0	38.9	162.34	-193.4	1,708.6	213.6	178.9	34.67	6.159		
7,350.0	6,958.8	7,451.0	7,089.8	36.9	38.7	163.09	-193.8	1,668.5	221.8	189.4	32.37	6.853		
7,400.0	6,991.4	7,521.9	7,143.4	36.8	38.5	163.68	-194.3	1,622.1	228.8	198.5	30.25	7.562		
7,450.0	7,021.3	7,594.0	7,192.8	36.7	38.4	164.12	-194.9	1,569.7	234.3	205.9	28.38	8.254		
7,500.0	7,048.3	7,667.0	7,237.3	36.7	38.3	164.44	-195.5	1,511.8	238.3	211.5	26.85	8.877		
7,550.0	7,072.4	7,740.8	7,276.0	36.8	38.2	164.62	-196.2	1,449.1	240.8	215.1	25.71	9.365		
7,600.0	7,093.3	7,814.8	7,308.2	36.8	38.3	164.68	-197.0	1,382.4	241.6	216.6	25.05	9.644		
7,650.0	7,111.0	7,888.9	7,333.3	36.9	38.4	164.62	-197.7	1,312.7	240.8	215.9	24.92	9.664		
7,700.0	7,125.4	7,962.6	7,351.0	37.1	38.6	164.43	-198.5	1,241.2	238.4	213.1	25.33	9.415		
7,750.0	7,136.5	8,035.7	7,361.2	37.3	38.9	164.11	-199.3	1,168.8	234.5	208.2	26.25	8.934		
7,800.0	7,144.0	8,105.1	7,364.0	37.5	39.3	163.69	-200.0	1,099.6	229.1	201.5	27.57	8.307		
7,850.0	7,148.2	8,154.9	7,364.1	37.8	39.6	163.49	-200.6	1,049.8	225.1	196.3	28.84	7.807		
7,883.5	7,149.0	8,188.4	7,364.1	38.0	39.8	163.45	-201.0	1,016.3	224.4	194.7	29.71	7.554		
7,884.3	7,149.0	8,189.1	7,364.1	38.0	39.8	163.45	-201.0	1,015.5	224.4	194.7	29.72	7.549		
7,884.4	7,149.0	8,189.3	7,364.1	38.0	39.8	163.45	-201.0	1,015.4	224.4	194.7	29.73	7.549		
7,885.3	7,149.0	8,190.2	7,364.1	38.0	39.8	163.45	-201.0	1,014.5	224.4	194.7	29.74	7.546		
7,900.0	7,149.0	8,204.9	7,364.1	38.1	39.9	163.45	-201.1	999.8	224.4	194.5	29.91	7.504		
8,000.0	7,149.0	8,304.9	7,364.2	38.9	40.8	163.45	-202.2	899.8	224.5	193.4	31.12	7.213		
8,100.0	7,149.0	8,404.9	7,364.3	39.8	41.8	163.46	-203.3	799.8	224.6	192.2	32.43	6.925		
8,200.0	7,149.0	8,504.9	7,364.4	40.9	43.0	163.46	-204.4	699.8	224.7	190.9	33.82	6.643		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	8,604.9	7,364.5	42.2	44.3	163.47	-205.5	599.8	224.8	189.5	35.29	6.370		
8,400.0	7,149.0	8,704.9	7,364.6	43.6	45.8	163.47	-206.6	499.8	224.9	188.1	36.82	6.108		
8,500.0	7,149.0	8,804.9	7,364.7	45.2	47.4	163.48	-207.7	399.8	225.0	186.6	38.40	5.858		
8,600.0	7,149.0	8,904.9	7,364.8	46.8	49.1	163.48	-208.8	299.8	225.1	185.0	40.04	5.622		
8,700.0	7,149.0	9,004.9	7,364.9	48.6	50.9	163.49	-209.9	199.8	225.2	183.5	41.71	5.398		
8,800.0	7,149.0	9,104.9	7,365.0	50.5	52.7	163.49	-211.0	99.8	225.3	181.8	43.43	5.187		
8,900.0	7,149.0	9,204.9	7,365.1	52.5	54.7	163.49	-212.1	-0.2	225.4	180.2	45.18	4.988		
9,000.0	7,149.0	9,304.9	7,365.2	54.5	56.7	163.50	-213.2	-100.2	225.4	178.5	46.95	4.802		
9,100.0	7,149.0	9,404.9	7,365.3	56.6	58.8	163.50	-214.3	-200.1	225.5	176.8	48.76	4.626		
9,200.0	7,149.0	9,504.9	7,365.4	58.8	61.0	163.51	-215.4	-300.1	225.6	175.1	50.59	4.460		
9,300.0	7,149.0	9,604.9	7,365.5	61.0	63.2	163.51	-216.5	-400.1	225.7	173.3	52.44	4.305		
9,400.0	7,149.0	9,704.9	7,365.6	63.2	65.5	163.52	-217.6	-500.1	225.8	171.5	54.31	4.159		
9,500.0	7,149.0	9,804.9	7,365.6	65.5	67.8	163.52	-218.7	-600.1	225.9	169.7	56.19	4.021		
9,600.0	7,149.0	9,904.9	7,365.7	67.9	70.1	163.53	-219.8	-700.1	226.0	167.9	58.09	3.891		
9,700.0	7,149.0	10,004.9	7,365.8	70.3	72.5	163.53	-220.9	-800.1	226.1	166.1	60.01	3.768		
9,800.0	7,149.0	10,104.9	7,365.9	72.7	74.9	163.54	-222.0	-900.1	226.2	164.3	61.93	3.653		
9,900.0	7,149.0	10,204.9	7,366.0	75.1	77.3	163.54	-223.1	-1,000.1	226.3	162.4	63.87	3.543		
10,000.0	7,149.0	10,304.9	7,366.1	77.6	79.8	163.54	-224.2	-1,100.1	226.4	160.6	65.82	3.440		
10,100.0	7,149.0	10,404.9	7,366.2	80.1	82.2	163.55	-225.3	-1,200.1	226.5	158.7	67.78	3.342		
10,200.0	7,149.0	10,504.9	7,366.3	82.6	84.7	163.55	-226.4	-1,300.1	226.6	156.9	69.74	3.249		
10,300.0	7,149.0	10,604.9	7,366.4	85.1	87.3	163.56	-227.5	-1,400.1	226.7	155.0	71.71	3.161		
10,400.0	7,149.0	10,704.9	7,366.5	87.6	89.8	163.56	-228.6	-1,500.1	226.8	153.1	73.70	3.077		
10,500.0	7,149.0	10,804.9	7,366.6	90.2	92.3	163.57	-229.7	-1,600.1	226.9	151.2	75.68	2.998		
10,600.0	7,149.0	10,904.9	7,366.7	92.8	94.9	163.57	-230.8	-1,700.1	227.0	149.3	77.67	2.922		
10,700.0	7,149.0	11,004.9	7,366.8	95.4	97.5	163.58	-231.9	-1,800.1	227.1	147.4	79.67	2.850		
10,800.0	7,149.0	11,104.9	7,366.9	98.0	100.1	163.58	-233.0	-1,900.0	227.2	145.5	81.68	2.781		
10,900.0	7,149.0	11,204.9	7,367.0	100.6	102.7	163.59	-234.1	-2,000.0	227.3	143.6	83.68	2.716		
11,000.0	7,149.0	11,304.9	7,367.1	103.2	105.3	163.59	-235.2	-2,100.0	227.4	141.7	85.69	2.653		
11,100.0	7,149.0	11,404.9	7,367.2	105.8	107.9	163.59	-236.3	-2,200.0	227.5	139.7	87.71	2.593		
11,200.0	7,149.0	11,504.9	7,367.3	108.5	110.5	163.60	-237.4	-2,300.0	227.5	137.8	89.73	2.536		
11,300.0	7,149.0	11,604.9	7,367.4	111.1	113.2	163.60	-238.5	-2,400.0	227.6	135.9	91.75	2.481		
11,400.0	7,149.0	11,704.9	7,367.5	113.8	115.8	163.61	-239.6	-2,500.0	227.7	134.0	93.78	2.429		
11,500.0	7,149.0	11,804.9	7,367.6	116.4	118.5	163.61	-240.7	-2,600.0	227.8	132.0	95.80	2.378		
11,600.0	7,149.0	11,904.9	7,367.7	119.1	121.2	163.62	-241.8	-2,700.0	227.9	130.1	97.83	2.330		
11,700.0	7,149.0	12,004.9	7,367.8	121.8	123.8	163.62	-242.9	-2,800.0	228.0	128.2	99.87	2.283		
11,800.0	7,149.0	12,104.9	7,367.9	124.5	126.5	163.63	-244.0	-2,900.0	228.1	126.2	101.90	2.239		
11,900.0	7,149.0	12,204.9	7,368.0	127.2	129.2	163.63	-245.1	-3,000.0	228.2	124.3	103.94	2.196		
12,000.0	7,149.0	12,304.9	7,368.1	129.9	131.9	163.63	-246.2	-3,100.0	228.3	122.3	105.98	2.154		
12,100.0	7,149.0	12,404.9	7,368.2	132.5	134.6	163.64	-247.3	-3,200.0	228.4	120.4	108.02	2.115		
12,200.0	7,149.0	12,504.9	7,368.3	135.3	137.3	163.64	-248.4	-3,300.0	228.5	118.4	110.06	2.076		
12,300.0	7,149.0	12,604.9	7,368.4	138.0	140.0	163.65	-249.5	-3,400.0	228.6	116.5	112.11	2.039		
12,400.0	7,149.0	12,704.9	7,368.4	140.7	142.7	163.65	-250.6	-3,499.9	228.7	114.5	114.15	2.003		
12,500.0	7,149.0	12,804.9	7,368.5	143.4	145.4	163.66	-251.7	-3,599.9	228.8	112.6	116.20	1.969		
12,600.0	7,149.0	12,904.9	7,368.6	146.1	148.1	163.66	-252.8	-3,699.9	228.9	110.6	118.25	1.936		
12,700.0	7,149.0	13,004.9	7,368.7	148.8	150.8	163.67	-253.9	-3,799.9	229.0	108.7	120.29	1.903		
12,800.0	7,149.0	13,104.9	7,368.8	151.6	153.5	163.67	-255.0	-3,899.9	229.1	106.7	122.34	1.872		
12,900.0	7,149.0	13,204.9	7,368.9	154.3	156.2	163.67	-256.1	-3,999.9	229.2	104.8	124.39	1.842		
13,000.0	7,149.0	13,304.9	7,369.0	157.0	159.0	163.68	-257.2	-4,099.9	229.3	102.8	126.45	1.813		
13,100.0	7,149.0	13,404.9	7,369.1	159.7	161.7	163.68	-258.3	-4,199.9	229.4	100.9	128.50	1.785		
13,200.0	7,149.0	13,504.9	7,369.2	162.5	164.4	163.69	-259.4	-4,299.9	229.5	98.9	130.55	1.758		
13,300.0	7,149.0	13,604.9	7,369.3	165.2	167.2	163.69	-260.5	-4,399.9	229.6	96.9	132.61	1.731		
13,400.0	7,149.0	13,704.9	7,369.4	168.0	169.9	163.70	-261.6	-4,499.9	229.6	95.0	134.66	1.705		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	13,804.9	7,369.5	170.7	172.6	163.70	-262.7	-4,599.9	229.7	93.0	136.72	1.680		
13,600.0	7,149.0	13,904.9	7,369.6	173.4	175.4	163.71	-263.8	-4,699.9	229.8	91.1	138.77	1.656		
13,700.0	7,149.0	14,004.9	7,369.7	176.2	178.1	163.71	-264.9	-4,799.9	229.9	89.1	140.83	1.633		
13,800.0	7,149.0	14,104.9	7,369.8	178.9	180.9	163.71	-266.0	-4,899.9	230.0	87.1	142.88	1.610		
13,900.0	7,149.0	14,204.9	7,369.9	181.7	183.6	163.72	-267.1	-4,999.9	230.1	85.2	144.94	1.588		
14,000.0	7,149.0	14,304.9	7,370.0	184.5	186.4	163.72	-268.2	-5,099.8	230.2	83.2	147.00	1.566		
14,100.0	7,149.0	14,404.9	7,370.1	187.2	189.1	163.73	-269.2	-5,199.8	230.3	81.3	149.06	1.545		
14,200.0	7,149.0	14,504.9	7,370.2	190.0	191.9	163.73	-270.3	-5,299.8	230.4	79.3	151.11	1.525		
14,300.0	7,149.0	14,604.9	7,370.3	192.7	194.6	163.74	-271.4	-5,399.8	230.5	77.3	153.17	1.505		
14,400.0	7,149.0	14,704.9	7,370.4	195.5	197.4	163.74	-272.5	-5,499.8	230.6	75.4	155.23	1.486 Level 3		
14,500.0	7,149.0	14,804.9	7,370.5	198.2	200.1	163.74	-273.6	-5,599.8	230.7	73.4	157.29	1.467 Level 3		
14,600.0	7,149.0	14,904.9	7,370.6	201.0	202.9	163.75	-274.7	-5,699.8	230.8	71.4	159.35	1.448 Level 3		
14,700.0	7,149.0	15,004.9	7,370.7	203.8	205.7	163.75	-275.8	-5,799.8	230.9	69.5	161.41	1.430 Level 3		
14,800.0	7,149.0	15,104.9	7,370.8	206.5	208.4	163.76	-276.9	-5,899.8	231.0	67.5	163.47	1.413 Level 3		
14,900.0	7,149.0	15,204.9	7,370.9	209.3	211.2	163.76	-278.0	-5,999.8	231.1	65.6	165.53	1.396 Level 3		
15,000.0	7,149.0	15,304.9	7,371.0	212.1	214.0	163.77	-279.1	-6,099.8	231.2	63.6	167.58	1.379 Level 3		
15,100.0	7,149.0	15,404.9	7,371.1	214.8	216.7	163.77	-280.2	-6,199.8	231.3	61.6	169.64	1.363 Level 3		
15,200.0	7,149.0	15,504.9	7,371.2	217.6	219.5	163.78	-281.3	-6,299.8	231.4	59.7	171.70	1.347 Level 3		
15,300.0	7,149.0	15,604.9	7,371.2	220.4	222.3	163.78	-282.4	-6,399.8	231.5	57.7	173.76	1.332 Level 3		
15,400.0	7,149.0	15,704.9	7,371.3	223.1	225.0	163.78	-283.5	-6,499.8	231.6	55.7	175.82	1.317 Level 3		
15,500.0	7,149.0	15,804.9	7,371.4	225.9	227.8	163.79	-284.6	-6,599.8	231.7	53.8	177.88	1.302 Level 3		
15,600.0	7,149.0	15,904.9	7,371.5	228.7	230.6	163.79	-285.7	-6,699.8	231.7	51.8	179.94	1.288 Level 3		
15,700.0	7,149.0	16,004.9	7,371.6	231.5	233.3	163.80	-286.8	-6,799.7	231.8	49.8	182.00	1.274 Level 3		
15,800.0	7,149.0	16,104.9	7,371.7	234.2	236.1	163.80	-287.9	-6,899.7	231.9	47.9	184.06	1.260 Level 3		
15,900.0	7,149.0	16,204.9	7,371.8	237.0	238.9	163.81	-289.0	-6,999.7	232.0	45.9	186.11	1.247 Level 2		
16,000.0	7,149.0	16,304.9	7,371.9	239.8	241.7	163.81	-290.1	-7,099.7	232.1	44.0	188.17	1.234 Level 2		
16,100.0	7,149.0	16,404.9	7,372.0	242.6	244.4	163.81	-291.2	-7,199.7	232.2	42.0	190.23	1.221 Level 2		
16,200.0	7,149.0	16,504.9	7,372.1	245.3	247.2	163.82	-292.3	-7,299.7	232.3	40.0	192.29	1.208 Level 2		
16,300.0	7,149.0	16,604.9	7,372.2	248.1	250.0	163.82	-293.4	-7,399.7	232.4	38.1	194.35	1.196 Level 2		
16,400.0	7,149.0	16,704.9	7,372.3	250.9	252.8	163.83	-294.5	-7,499.7	232.5	36.1	196.41	1.184 Level 2		
16,500.0	7,149.0	16,804.9	7,372.4	253.7	255.5	163.83	-295.6	-7,599.7	232.6	34.1	198.46	1.172 Level 2		
16,600.0	7,149.0	16,904.9	7,372.5	256.5	258.3	163.84	-296.7	-7,699.7	232.7	32.2	200.52	1.160 Level 2		
16,700.0	7,149.0	17,004.9	7,372.6	259.2	261.1	163.84	-297.8	-7,799.7	232.8	30.2	202.58	1.149 Level 2		
16,800.0	7,149.0	17,104.9	7,372.7	262.0	263.9	163.84	-298.9	-7,899.7	232.9	28.3	204.64	1.138 Level 2		
16,900.0	7,149.0	17,204.9	7,372.8	264.8	266.7	163.85	-300.0	-7,999.7	233.0	26.3	206.69	1.127 Level 2		
17,000.0	7,149.0	17,304.9	7,372.9	267.6	269.4	163.85	-301.1	-8,099.7	233.1	24.3	208.75	1.117 Level 2		
17,100.0	7,149.0	17,404.9	7,373.0	270.4	272.2	163.86	-302.2	-8,199.7	233.2	22.4	210.81	1.106 Level 2		
17,200.0	7,149.0	17,504.9	7,373.1	273.2	275.0	163.86	-303.3	-8,299.7	233.3	20.4	212.86	1.096 Level 2		
17,300.0	7,149.0	17,604.9	7,373.2	275.9	277.8	163.87	-304.4	-8,399.6	233.4	18.5	214.92	1.086 Level 2		
17,400.0	7,149.0	17,704.9	7,373.3	278.7	280.6	163.87	-305.5	-8,499.6	233.5	16.5	216.97	1.076 Level 2		
17,500.0	7,149.0	17,804.9	7,373.4	281.5	283.4	163.87	-306.6	-8,599.6	233.6	14.5	219.03	1.066 Level 2		
17,600.0	7,149.0	17,904.9	7,373.5	284.3	286.1	163.88	-307.7	-8,699.6	233.7	12.6	221.08	1.057 Level 2		
17,700.0	7,149.0	18,004.9	7,373.6	287.1	288.9	163.88	-308.8	-8,799.6	233.8	10.6	223.14	1.048 Level 2		
17,800.0	7,149.0	18,104.9	7,373.7	289.9	291.7	163.89	-309.9	-8,899.6	233.8	8.7	225.19	1.038 Level 2		
17,900.0	7,149.0	18,204.9	7,373.8	292.7	294.5	163.89	-311.0	-8,999.6	233.9	6.7	227.25	1.029 Level 2		
18,000.0	7,149.0	18,304.9	7,373.9	295.5	297.3	163.90	-312.1	-9,099.6	234.0	4.7	229.30	1.021 Level 2		
18,100.0	7,149.0	18,404.9	7,373.9	298.2	300.1	163.90	-313.2	-9,199.6	234.1	2.8	231.36	1.012 Level 2		
18,152.4	7,149.0	18,456.8	7,374.0	299.7	301.5	163.90	-313.8	-9,251.5	234.2	1.8	232.43	1.008 Level 2, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-14.9	0.0	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-14.9	0.0	14.9	14.7	0.22	66.421		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-14.9	0.0	14.9	14.3	0.67	22.140		
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-14.9	0.0	14.9	13.8	1.12	13.284		
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-14.9	0.0	14.9	13.4	1.57	9.489 CC		
500.0	500.0	499.9	499.9	1.0	1.0	175.16	-15.2	1.3	15.2	13.2	2.01	7.583		
600.0	600.0	599.7	599.6	1.2	1.2	162.12	-15.9	5.1	16.7	14.3	2.44	6.850		
700.0	700.0	699.3	699.0	1.4	1.4	50.36	-17.1	11.5	19.8	16.9	2.87	6.902		
800.0	799.9	798.7	798.0	1.7	1.7	41.17	-18.8	20.4	23.7	20.4	3.29	7.190		
900.0	899.7	898.0	896.6	1.9	1.9	34.89	-20.9	31.9	28.0	24.3	3.73	7.511		
1,000.0	999.3	997.2	994.8	2.1	2.2	30.50	-23.5	45.8	32.7	28.5	4.19	7.805		
1,100.0	1,098.6	1,096.3	1,092.4	2.4	2.6	27.37	-26.6	62.2	37.5	32.9	4.66	8.055		
1,200.0	1,197.5	1,195.2	1,189.5	2.7	3.0	25.09	-30.2	81.0	42.4	37.3	5.14	8.257		
1,300.0	1,296.1	1,294.0	1,285.8	3.0	3.4	23.40	-34.2	102.3	47.4	41.8	5.64	8.411		
1,400.0	1,394.2	1,392.6	1,381.5	3.3	3.8	22.15	-38.7	126.0	52.4	46.3	6.15	8.522		
1,500.0	1,491.7	1,491.2	1,476.4	3.8	4.4	21.22	-43.6	152.1	57.5	50.8	6.68	8.594		
1,600.0	1,588.6	1,589.6	1,570.4	4.2	4.9	20.53	-48.9	180.6	62.5	55.3	7.24	8.631		
1,700.0	1,684.9	1,687.9	1,663.6	4.7	5.5	20.03	-54.7	211.3	67.5	59.7	7.82	8.633		
1,800.0	1,780.4	1,786.0	1,755.8	5.3	6.2	19.68	-60.9	244.4	72.6	64.1	8.43	8.607		
1,900.0	1,875.0	1,884.1	1,847.0	5.9	6.9	19.45	-67.6	279.8	77.6	68.5	9.07	8.554		
2,000.0	1,968.9	1,982.0	1,937.1	6.6	7.7	19.32	-74.7	317.4	82.6	72.8	9.74	8.478		
2,100.0	2,061.7	2,081.7	2,028.4	7.3	8.5	19.49	-82.1	357.0	86.5	76.0	10.46	8.266		
2,175.5	2,131.2	2,157.2	2,097.5	7.9	9.2	20.00	-87.8	387.0	87.8	76.8	11.06	7.940		
2,200.0	2,153.7	2,181.7	2,119.9	8.1	9.4	20.22	-89.6	396.7	88.0	76.8	11.27	7.809		
2,300.0	2,245.3	2,281.7	2,211.3	8.9	10.2	21.09	-97.1	436.4	88.9	76.7	12.16	7.307		
2,400.0	2,336.9	2,381.7	2,302.8	9.7	11.1	21.95	-104.5	476.1	89.8	76.7	13.09	6.856		
2,500.0	2,428.5	2,481.7	2,394.2	10.6	11.9	22.79	-112.0	515.8	90.7	76.6	14.06	6.449		
2,600.0	2,520.1	2,581.7	2,485.7	11.4	12.8	23.62	-119.5	555.5	91.6	76.5	15.06	6.081		
2,700.0	2,611.7	2,681.7	2,577.2	12.2	13.6	24.43	-127.0	595.2	92.5	76.4	16.09	5.749		
2,800.0	2,703.3	2,781.7	2,668.6	13.1	14.5	25.22	-134.4	634.9	93.5	76.3	17.15	5.448		
2,900.0	2,794.9	2,881.6	2,760.1	13.9	15.4	26.00	-141.9	674.6	94.4	76.2	18.25	5.174		
3,000.0	2,886.6	2,981.6	2,851.5	14.8	16.2	26.76	-149.4	714.3	95.4	76.0	19.37	4.925		
3,100.0	2,978.2	3,081.6	2,943.0	15.6	17.1	27.50	-156.8	754.0	96.4	75.9	20.52	4.697		
3,200.0	3,069.8	3,181.6	3,034.5	16.5	18.0	28.23	-164.3	793.7	97.4	75.7	21.70	4.489		
3,300.0	3,161.4	3,281.6	3,125.9	17.4	18.9	28.95	-171.8	833.4	98.5	75.5	22.91	4.298		
3,400.0	3,253.0	3,381.6	3,217.4	18.2	19.7	29.65	-179.3	873.2	99.5	75.4	24.14	4.123		
3,500.0	3,344.6	3,481.6	3,308.8	19.1	20.6	30.33	-186.7	912.9	100.6	75.2	25.39	3.961		
3,600.0	3,436.2	3,581.5	3,400.3	19.9	21.5	31.00	-194.2	952.6	101.6	75.0	26.66	3.812		
3,700.0	3,527.9	3,681.5	3,491.8	20.8	22.4	31.66	-201.7	992.3	102.7	74.8	27.96	3.675		
3,800.0	3,619.5	3,781.5	3,583.2	21.7	23.2	32.30	-209.2	1,032.0	103.8	74.6	29.27	3.547		
3,900.0	3,711.1	3,881.5	3,674.7	22.5	24.1	32.93	-216.6	1,071.7	105.0	74.3	30.61	3.429		
4,000.0	3,802.7	3,981.5	3,766.1	23.4	25.0	33.54	-224.1	1,111.4	106.1	74.1	31.97	3.319		
4,100.0	3,894.3	4,081.5	3,857.6	24.3	25.9	34.15	-231.6	1,151.1	107.2	73.9	33.34	3.216		
4,200.0	3,985.9	4,181.5	3,949.1	25.1	26.7	34.74	-239.1	1,190.8	108.4	73.6	34.73	3.121		
4,300.0	4,077.5	4,281.5	4,040.5	26.0	27.6	35.31	-246.5	1,230.5	109.5	73.4	36.13	3.031		
4,400.0	4,169.1	4,381.4	4,132.0	26.9	28.5	35.88	-254.0	1,270.2	110.7	73.2	37.56	2.948		
4,500.0	4,260.8	4,481.4	4,223.5	27.7	29.4	36.43	-261.5	1,309.9	111.9	72.9	38.99	2.870		
4,600.0	4,352.4	4,581.4	4,314.9	28.6	30.2	36.97	-268.9	1,349.6	113.1	72.7	40.44	2.796		
4,700.0	4,444.0	4,681.4	4,406.4	29.5	31.1	37.50	-276.4	1,389.3	114.3	72.4	41.91	2.728		
4,800.0	4,535.6	4,781.4	4,497.8	30.3	32.0	38.02	-283.9	1,429.0	115.5	72.1	43.38	2.663		
4,900.0	4,627.2	4,881.4	4,589.3	31.2	32.9	38.53	-291.4	1,468.7	116.7	71.9	44.87	2.602		
5,000.0	4,718.8	4,981.4	4,680.8	32.1	33.7	39.03	-298.8	1,508.4	118.0	71.6	46.37	2.544		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,081.4	4,772.2	32.9	34.6	39.52	-306.3	1,548.2	119.2	71.3	47.88	2.490		
5,144.9	4,851.6	5,126.3	4,813.3	33.3	35.0	39.73	-309.7	1,566.0	119.8	71.2	48.56	2.466		
5,200.0	4,902.3	5,182.1	4,864.4	33.7	35.5	39.87	-313.8	1,588.1	120.8	71.5	49.29	2.451		
5,300.0	4,995.3	5,285.6	4,960.1	34.4	36.2	40.03	-321.1	1,626.7	122.8	72.4	50.38	2.437		
5,400.0	5,089.5	5,389.1	5,057.2	35.0	36.8	40.16	-327.7	1,661.9	124.6	73.2	51.36	2.425		
5,500.0	5,184.9	5,492.6	5,155.6	35.5	37.4	40.28	-333.7	1,693.6	126.2	74.0	52.24	2.416		
5,600.0	5,281.2	5,596.2	5,255.2	35.9	37.9	40.39	-339.0	1,721.9	127.6	74.6	53.02	2.407		
5,700.0	5,378.4	5,699.9	5,355.7	36.4	38.3	40.48	-343.7	1,746.6	128.9	75.2	53.70	2.401		
5,800.0	5,476.4	5,803.5	5,457.1	36.7	38.7	40.55	-347.6	1,767.7	130.0	75.7	54.28	2.395		
5,900.0	5,575.0	5,907.2	5,559.3	37.0	39.0	40.62	-350.9	1,785.2	130.9	76.1	54.75	2.391		
6,000.0	5,674.2	6,011.0	5,662.0	37.2	39.2	40.66	-353.5	1,799.0	131.6	76.5	55.13	2.387		
6,100.0	5,773.7	6,114.7	5,765.2	37.4	39.5	40.70	-355.4	1,809.2	132.1	76.7	55.41	2.384		
6,200.0	5,873.5	6,218.5	5,868.7	37.6	39.6	40.72	-356.7	1,815.7	132.4	76.8	55.60	2.382		
6,300.0	5,973.5	6,322.2	5,972.5	37.7	39.7	40.73	-357.2	1,818.6	132.6	76.9	55.70	2.380		
6,326.5	6,000.0	6,349.8	6,000.0	37.7	39.7	139.17	-357.2	1,818.7	132.6	69.0	63.58	2.086		
6,400.0	6,073.5	6,423.2	6,073.5	37.8	39.8	139.17	-357.2	1,818.7	132.6	68.9	63.69	2.082		
6,500.0	6,173.5	6,523.2	6,173.5	37.8	39.8	139.17	-357.2	1,818.7	132.6	68.7	63.86	2.076		
6,600.0	6,273.5	6,623.2	6,273.5	37.9	39.9	139.17	-357.2	1,818.7	132.6	68.6	64.04	2.071		
6,700.0	6,373.5	6,723.2	6,373.5	38.0	40.0	139.17	-357.2	1,818.7	132.6	68.4	64.21	2.065		
6,759.5	6,433.0	6,782.7	6,433.0	38.0	40.0	139.17	-357.2	1,818.7	132.6	68.3	64.31	2.062		
6,800.0	6,473.4	6,823.2	6,473.4	38.0	40.1	-130.52	-357.2	1,818.7	133.3	77.2	56.18	2.374		
6,850.0	6,523.2	6,877.4	6,527.6	38.0	40.1	-131.71	-357.2	1,817.9	135.9	80.8	55.06	2.467		
6,900.0	6,572.6	6,934.6	6,584.6	38.0	40.1	-132.86	-357.3	1,812.8	138.3	84.4	53.88	2.567		
6,950.0	6,621.2	6,992.2	6,641.4	37.9	40.0	-133.81	-357.4	1,803.2	140.5	87.7	52.74	2.664		
7,000.0	6,669.0	7,050.1	6,697.5	37.8	39.9	-134.58	-357.6	1,788.9	142.3	90.6	51.66	2.754		
7,050.0	6,715.6	7,108.3	6,752.5	37.7	39.8	-135.17	-357.8	1,770.0	143.7	93.0	50.67	2.836		
7,100.0	6,760.8	7,166.7	6,806.0	37.5	39.6	-135.59	-358.0	1,746.7	144.7	94.9	49.80	2.906		
7,150.0	6,804.4	7,225.1	6,857.5	37.4	39.4	-135.83	-358.3	1,719.0	145.3	96.3	49.06	2.962		
7,200.0	6,846.2	7,283.7	6,906.6	37.2	39.3	-135.91	-358.7	1,687.2	145.5	97.0	48.51	3.000		
7,250.0	6,886.0	7,342.2	6,952.9	37.1	39.1	-135.82	-359.1	1,651.5	145.3	97.1	48.17	3.016		
7,300.0	6,923.6	7,400.7	6,996.2	37.0	39.0	-135.56	-359.5	1,612.1	144.6	96.5	48.08	3.008		
7,350.0	6,958.8	7,459.0	7,035.9	36.9	38.9	-135.13	-360.0	1,569.5	143.5	95.3	48.28	2.973		
7,400.0	6,991.4	7,517.2	7,072.0	36.8	38.8	-134.53	-360.5	1,523.9	142.1	93.3	48.79	2.912		
7,450.0	7,021.3	7,575.0	7,104.1	36.7	38.7	-133.74	-361.0	1,475.8	140.2	90.6	49.63	2.825		
7,500.0	7,048.3	7,632.6	7,132.1	36.7	38.8	-132.77	-361.5	1,425.5	138.0	87.2	50.80	2.717		
7,550.0	7,072.4	7,689.8	7,155.9	36.8	38.8	-131.61	-362.1	1,373.4	135.5	83.2	52.31	2.591		
7,600.0	7,093.3	7,746.7	7,175.2	36.8	38.9	-130.24	-362.7	1,320.0	132.8	78.6	54.14	2.452		
7,650.0	7,111.0	7,803.0	7,190.2	36.9	39.1	-128.66	-363.3	1,265.7	129.8	73.5	56.25	2.307		
7,700.0	7,125.4	7,858.9	7,200.8	37.1	39.3	-126.85	-363.9	1,210.9	126.7	68.0	58.62	2.161		
7,750.0	7,136.5	7,914.3	7,207.0	37.3	39.6	-124.81	-364.5	1,155.8	123.4	62.2	61.20	2.017		
7,800.0	7,144.0	7,968.6	7,209.0	37.5	39.8	-122.56	-365.1	1,101.6	120.2	56.3	63.89	1.881		
7,850.0	7,148.2	8,018.5	7,209.3	37.8	40.2	-121.14	-365.6	1,051.7	118.2	52.2	65.95	1.792		
7,880.3	7,149.0	8,048.8	7,209.5	38.0	40.4	-120.90	-365.9	1,021.4	117.8	51.0	66.80	1.764		
7,884.3	7,149.0	8,052.7	7,209.5	38.0	40.4	-120.90	-366.0	1,017.5	117.8	50.9	66.89	1.762		
7,884.4	7,149.0	8,052.8	7,209.5	38.0	40.4	-120.90	-366.0	1,017.4	117.8	50.9	66.89	1.762		
7,885.3	7,149.0	8,053.8	7,209.5	38.0	40.4	-120.90	-366.0	1,016.4	117.8	50.9	66.90	1.761		
7,900.0	7,149.0	8,068.5	7,209.6	38.1	40.5	-120.94	-366.2	1,001.7	117.9	50.8	67.07	1.758		
8,000.0	7,149.0	8,168.5	7,210.2	38.9	41.4	-121.18	-367.3	901.7	118.2	49.7	68.43	1.727		
8,100.0	7,149.0	8,268.5	7,210.8	39.8	42.4	-121.43	-368.4	801.8	118.5	48.4	70.09	1.690		
8,200.0	7,149.0	8,368.5	7,211.3	40.9	43.5	-121.67	-369.5	701.8	118.8	46.7	72.02	1.649		
8,300.0	7,149.0	8,468.5	7,211.9	42.2	44.9	-121.91	-370.6	601.8	119.1	44.8	74.21	1.604		
8,400.0	7,149.0	8,568.5	7,212.5	43.6	46.3	-122.15	-371.7	501.8	119.4	42.7	76.61	1.558		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	8,668.5	7,213.1	45.2	47.9	-122.38	-372.8	401.8	119.7	40.4	79.22	1.510		
8,600.0	7,149.0	8,768.5	7,213.7	46.8	49.6	-122.62	-373.8	301.8	120.0	38.0	82.00	1.463 Level 3		
8,700.0	7,149.0	8,868.5	7,214.2	48.6	51.4	-122.85	-374.9	201.8	120.3	35.3	84.94	1.416 Level 3		
8,800.0	7,149.0	8,968.5	7,214.8	50.5	53.3	-123.09	-376.0	101.8	120.6	32.6	88.01	1.370 Level 3		
8,900.0	7,149.0	9,068.5	7,215.4	52.5	55.2	-123.32	-377.1	1.8	120.9	29.7	91.20	1.325 Level 3		
9,000.0	7,149.0	9,168.4	7,216.0	54.5	57.3	-123.55	-378.2	-98.2	121.2	26.7	94.50	1.282 Level 3		
9,100.0	7,149.0	9,268.4	7,216.6	56.6	59.4	-123.78	-379.3	-198.2	121.5	23.6	97.88	1.241 Level 2		
9,200.0	7,149.0	9,368.4	7,217.1	58.8	61.5	-124.01	-380.4	-298.1	121.8	20.5	101.35	1.202 Level 2		
9,300.0	7,149.0	9,468.4	7,217.7	61.0	63.7	-124.24	-381.5	-398.1	122.1	17.2	104.87	1.164 Level 2		
9,400.0	7,149.0	9,568.4	7,218.3	63.2	66.0	-124.47	-382.6	-498.1	122.4	14.0	108.46	1.129 Level 2		
9,500.0	7,149.0	9,668.4	7,218.9	65.5	68.3	-124.69	-383.7	-598.1	122.8	10.7	112.10	1.095 Level 2		
9,600.0	7,149.0	9,768.4	7,219.4	67.9	70.6	-124.92	-384.8	-698.1	123.1	7.3	115.77	1.063 Level 2		
9,700.0	7,149.0	9,868.4	7,220.0	70.3	73.0	-125.14	-385.9	-798.1	123.4	3.9	119.48	1.033 Level 2		
9,800.0	7,149.0	9,968.4	7,220.6	72.7	75.4	-125.36	-387.0	-898.1	123.7	0.5	123.23	1.004 Level 2		
9,900.0	7,149.0	10,068.4	7,221.2	75.1	77.8	-125.58	-388.1	-998.1	124.1	-2.9	126.99	0.977 Level 1		
10,000.0	7,149.0	10,168.4	7,221.8	77.6	80.3	-125.80	-389.2	-1,098.1	124.4	-6.4	130.78	0.951 Level 1		
10,100.0	7,149.0	10,268.4	7,222.3	80.1	82.8	-126.02	-390.3	-1,198.1	124.7	-9.9	134.58	0.927 Level 1		
10,200.0	7,149.0	10,368.4	7,222.9	82.6	85.2	-126.24	-391.4	-1,298.1	125.1	-13.3	138.40	0.904 Level 1		
10,300.0	7,149.0	10,468.4	7,223.5	85.1	87.8	-126.45	-392.5	-1,398.0	125.4	-16.8	142.23	0.882 Level 1		
10,400.0	7,149.0	10,568.4	7,224.1	87.6	90.3	-126.67	-393.6	-1,498.0	125.7	-20.3	146.06	0.861 Level 1		
10,500.0	7,149.0	10,668.4	7,224.7	90.2	92.8	-126.88	-394.7	-1,598.0	126.1	-23.8	149.90	0.841 Level 1		
10,600.0	7,149.0	10,768.4	7,225.2	92.8	95.4	-127.10	-395.8	-1,698.0	126.4	-27.3	153.74	0.822 Level 1		
10,700.0	7,149.0	10,868.4	7,225.8	95.4	98.0	-127.31	-396.9	-1,798.0	126.7	-30.8	157.58	0.804 Level 1		
10,800.0	7,149.0	10,968.4	7,226.4	98.0	100.6	-127.52	-398.0	-1,898.0	127.1	-34.3	161.42	0.787 Level 1		
10,900.0	7,149.0	11,068.4	7,227.0	100.6	103.2	-127.73	-399.1	-1,998.0	127.4	-37.8	165.25	0.771 Level 1		
11,000.0	7,149.0	11,168.4	7,227.6	103.2	105.8	-127.93	-400.2	-2,098.0	127.8	-41.3	169.09	0.756 Level 1		
11,100.0	7,149.0	11,268.4	7,228.1	105.8	108.4	-128.14	-401.3	-2,198.0	128.1	-44.8	172.91	0.741 Level 1		
11,200.0	7,149.0	11,368.4	7,228.7	108.5	111.1	-128.35	-402.4	-2,298.0	128.5	-48.3	176.73	0.727 Level 1		
11,300.0	7,149.0	11,468.4	7,229.3	111.1	113.7	-128.55	-403.5	-2,397.9	128.8	-51.7	180.54	0.714 Level 1		
11,400.0	7,149.0	11,568.4	7,229.9	113.8	116.3	-128.76	-404.6	-2,497.9	129.2	-55.2	184.35	0.701 Level 1		
11,500.0	7,149.0	11,668.4	7,230.4	116.4	119.0	-128.96	-405.7	-2,597.9	129.5	-58.6	188.14	0.688 Level 1		
11,600.0	7,149.0	11,768.4	7,231.0	119.1	121.7	-129.16	-406.8	-2,697.9	129.9	-62.0	191.93	0.677 Level 1		
11,700.0	7,149.0	11,868.4	7,231.6	121.8	124.3	-129.36	-407.9	-2,797.9	130.3	-65.4	195.70	0.666 Level 1		
11,800.0	7,149.0	11,968.4	7,232.2	124.5	127.0	-129.56	-409.0	-2,897.9	130.6	-68.9	199.46	0.655 Level 1		
11,900.0	7,149.0	12,068.4	7,232.8	127.2	129.7	-129.76	-410.1	-2,997.9	131.0	-72.2	203.21	0.645 Level 1		
12,000.0	7,149.0	12,168.4	7,233.3	129.9	132.4	-129.96	-411.2	-3,097.9	131.3	-75.6	206.95	0.635 Level 1		
12,100.0	7,149.0	12,268.4	7,233.9	132.5	135.1	-130.15	-412.3	-3,197.9	131.7	-79.0	210.67	0.625 Level 1		
12,200.0	7,149.0	12,368.4	7,234.5	135.3	137.8	-130.35	-413.4	-3,297.9	132.1	-82.3	214.38	0.616 Level 1		
12,300.0	7,149.0	12,468.4	7,235.1	138.0	140.5	-130.54	-414.5	-3,397.9	132.4	-85.6	218.08	0.607 Level 1		
12,400.0	7,149.0	12,568.4	7,235.7	140.7	143.2	-130.73	-415.6	-3,497.8	132.8	-89.0	221.76	0.599 Level 1		
12,500.0	7,149.0	12,668.4	7,236.2	143.4	145.9	-130.92	-416.7	-3,597.8	133.2	-92.3	225.43	0.591 Level 1		
12,600.0	7,149.0	12,768.4	7,236.8	146.1	148.6	-131.12	-417.8	-3,697.8	133.5	-95.5	229.08	0.583 Level 1		
12,700.0	7,149.0	12,868.4	7,237.4	148.8	151.3	-131.30	-418.9	-3,797.8	133.9	-98.8	232.72	0.575 Level 1		
12,800.0	7,149.0	12,968.4	7,238.0	151.6	154.0	-131.49	-420.0	-3,897.8	134.3	-102.0	236.34	0.568 Level 1		
12,900.0	7,149.0	13,068.4	7,238.6	154.3	156.8	-131.68	-421.0	-3,997.8	134.7	-105.3	239.95	0.561 Level 1		
13,000.0	7,149.0	13,168.4	7,239.1	157.0	159.5	-131.87	-422.1	-4,097.8	135.0	-108.5	243.54	0.555 Level 1		
13,100.0	7,149.0	13,268.4	7,239.7	159.7	162.2	-132.05	-423.2	-4,197.8	135.4	-111.7	247.11	0.548 Level 1		
13,200.0	7,149.0	13,368.4	7,240.3	162.5	164.9	-132.24	-424.3	-4,297.8	135.8	-114.9	250.67	0.542 Level 1		
13,300.0	7,149.0	13,468.4	7,240.9	165.2	167.7	-132.42	-425.4	-4,397.8	136.2	-118.0	254.22	0.536 Level 1		
13,400.0	7,149.0	13,568.4	7,241.4	168.0	170.4	-132.60	-426.5	-4,497.8	136.6	-121.2	257.74	0.530 Level 1		
13,500.0	7,149.0	13,668.4	7,242.0	170.7	173.1	-132.78	-427.6	-4,597.7	137.0	-124.3	261.26	0.524 Level 1		
13,600.0	7,149.0	13,768.4	7,242.6	173.4	175.9	-132.96	-428.7	-4,697.7	137.3	-127.4	264.75	0.519 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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	13,868.4	7,243.2	176.2	178.6	-133.14	-429.8	-4,797.7	137.7	-130.5	268.23	0.513 Level 1		
13,800.0	7,149.0	13,968.4	7,243.8	178.9	181.4	-133.32	-430.9	-4,897.7	138.1	-133.6	271.69	0.508 Level 1		
13,900.0	7,149.0	14,068.4	7,244.3	181.7	184.1	-133.50	-432.0	-4,997.7	138.5	-136.6	275.14	0.503 Level 1		
14,000.0	7,149.0	14,168.4	7,244.9	184.5	186.9	-133.67	-433.1	-5,097.7	138.9	-139.7	278.57	0.499 Level 1		
14,100.0	7,149.0	14,268.4	7,245.5	187.2	189.6	-133.85	-434.2	-5,197.7	139.3	-142.7	281.98	0.494 Level 1		
14,200.0	7,149.0	14,368.4	7,246.1	190.0	192.4	-134.02	-435.3	-5,297.7	139.7	-145.7	285.37	0.489 Level 1		
14,300.0	7,149.0	14,468.4	7,246.7	192.7	195.1	-134.20	-436.4	-5,397.7	140.1	-148.7	288.75	0.485 Level 1		
14,400.0	7,149.0	14,568.4	7,247.2	195.5	197.9	-134.37	-437.5	-5,497.7	140.5	-151.6	292.12	0.481 Level 1		
14,500.0	7,149.0	14,668.4	7,247.8	198.2	200.6	-134.54	-438.6	-5,597.6	140.9	-154.6	295.46	0.477 Level 1		
14,600.0	7,149.0	14,768.4	7,248.4	201.0	203.4	-134.71	-439.7	-5,697.6	141.3	-157.5	298.79	0.473 Level 1		
14,700.0	7,149.0	14,868.4	7,249.0	203.8	206.2	-134.88	-440.8	-5,797.6	141.7	-160.4	302.11	0.469 Level 1		
14,800.0	7,149.0	14,968.4	7,249.5	206.5	208.9	-135.05	-441.9	-5,897.6	142.1	-163.3	305.40	0.465 Level 1		
14,900.0	7,149.0	15,068.4	7,250.1	209.3	211.7	-135.22	-443.0	-5,997.6	142.5	-166.2	308.68	0.462 Level 1		
15,000.0	7,149.0	15,168.3	7,250.7	212.1	214.5	-135.38	-444.1	-6,097.6	142.9	-169.1	311.95	0.458 Level 1		
15,100.0	7,149.0	15,268.3	7,251.3	214.8	217.2	-135.55	-445.2	-6,197.6	143.3	-171.9	315.19	0.455 Level 1		
15,200.0	7,149.0	15,368.3	7,251.9	217.6	220.0	-135.71	-446.3	-6,297.6	143.7	-174.7	318.43	0.451 Level 1		
15,300.0	7,149.0	15,468.3	7,252.4	220.4	222.8	-135.88	-447.4	-6,397.6	144.1	-177.5	321.64	0.448 Level 1		
15,400.0	7,149.0	15,568.3	7,253.0	223.1	225.5	-136.04	-448.5	-6,497.6	144.5	-180.3	324.84	0.445 Level 1		
15,500.0	7,149.0	15,668.3	7,253.6	225.9	228.3	-136.20	-449.6	-6,597.6	144.9	-183.1	328.02	0.442 Level 1		
15,600.0	7,149.0	15,768.3	7,254.2	228.7	231.1	-136.36	-450.7	-6,697.5	145.3	-185.9	331.19	0.439 Level 1		
15,700.0	7,149.0	15,868.3	7,254.8	231.5	233.8	-136.52	-451.8	-6,797.5	145.7	-188.6	334.34	0.436 Level 1		
15,800.0	7,149.0	15,968.3	7,255.3	234.2	236.6	-136.68	-452.9	-6,897.5	146.2	-191.3	337.47	0.433 Level 1		
15,900.0	7,149.0	16,068.3	7,255.9	237.0	239.4	-136.84	-454.0	-6,997.5	146.6	-194.0	340.59	0.430 Level 1		
16,000.0	7,149.0	16,168.3	7,256.5	239.8	242.1	-137.00	-455.1	-7,097.5	147.0	-196.7	343.69	0.428 Level 1		
16,100.0	7,149.0	16,268.3	7,257.1	242.6	244.9	-137.15	-456.2	-7,197.5	147.4	-199.4	346.78	0.425 Level 1		
16,200.0	7,149.0	16,368.3	7,257.7	245.3	247.7	-137.31	-457.3	-7,297.5	147.8	-202.0	349.85	0.423 Level 1		
16,300.0	7,149.0	16,468.3	7,258.2	248.1	250.5	-137.46	-458.4	-7,397.5	148.2	-204.7	352.91	0.420 Level 1		
16,400.0	7,149.0	16,568.3	7,258.8	250.9	253.3	-137.62	-459.5	-7,497.5	148.7	-207.3	355.95	0.418 Level 1		
16,500.0	7,149.0	16,668.3	7,259.4	253.7	256.0	-137.77	-460.6	-7,597.5	149.1	-209.9	358.97	0.415 Level 1		
16,600.0	7,149.0	16,768.3	7,260.0	256.5	258.8	-137.92	-461.7	-7,697.5	149.5	-212.5	361.98	0.413 Level 1		
16,700.0	7,149.0	16,868.3	7,260.5	259.2	261.6	-138.07	-462.8	-7,797.4	149.9	-215.0	364.97	0.411 Level 1		
16,800.0	7,149.0	16,968.3	7,261.1	262.0	264.4	-138.22	-463.9	-7,897.4	150.4	-217.6	367.95	0.409 Level 1		
16,900.0	7,149.0	17,068.3	7,261.7	264.8	267.1	-138.37	-465.0	-7,997.4	150.8	-220.1	370.91	0.407 Level 1		
17,000.0	7,149.0	17,168.3	7,262.3	267.6	269.9	-138.52	-466.1	-8,097.4	151.2	-222.7	373.86	0.404 Level 1		
17,100.0	7,149.0	17,268.3	7,262.9	270.4	272.7	-138.67	-467.2	-8,197.4	151.6	-225.2	376.80	0.402 Level 1		
17,200.0	7,149.0	17,368.3	7,263.4	273.2	275.5	-138.82	-468.3	-8,297.4	152.1	-227.7	379.71	0.400 Level 1		
17,300.0	7,149.0	17,468.3	7,264.0	275.9	278.3	-138.96	-469.3	-8,397.4	152.5	-230.1	382.62	0.399 Level 1		
17,400.0	7,149.0	17,568.3	7,264.6	278.7	281.1	-139.11	-470.4	-8,497.4	152.9	-232.6	385.51	0.397 Level 1		
17,500.0	7,149.0	17,668.3	7,265.2	281.5	283.8	-139.25	-471.5	-8,597.4	153.4	-235.0	388.38	0.395 Level 1		
17,600.0	7,149.0	17,768.3	7,265.8	284.3	286.6	-139.40	-472.6	-8,697.4	153.8	-237.5	391.24	0.393 Level 1		
17,700.0	7,149.0	17,868.3	7,266.3	287.1	289.4	-139.54	-473.7	-8,797.3	154.2	-239.9	394.08	0.391 Level 1		
17,800.0	7,149.0	17,968.3	7,266.9	289.9	292.2	-139.68	-474.8	-8,897.3	154.6	-242.3	396.92	0.390 Level 1		
17,900.0	7,149.0	18,068.3	7,267.5	292.7	295.0	-139.82	-475.9	-8,997.3	155.1	-244.6	399.73	0.388 Level 1		
18,000.0	7,149.0	18,168.3	7,268.1	295.5	297.8	-139.97	-477.0	-9,097.3	155.5	-247.0	402.53	0.386 Level 1		
18,100.0	7,149.0	18,268.3	7,268.7	298.2	300.6	-140.10	-478.1	-9,197.3	156.0	-249.4	405.32	0.385 Level 1		
18,152.4	7,149.0	18,320.7	7,269.0	299.7	302.0	-140.18	-478.7	-9,249.7	156.2	-250.6	406.78	0.384 Level 1, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-29.9	0.0	29.9					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-29.9	0.0	29.9	29.6	0.22	132.877		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-29.9	0.0	29.9	29.2	0.67	44.292 CC		
300.0	300.0	299.7	299.7	0.6	0.5	177.68	-30.3	1.2	30.3	29.2	1.11	27.349		
400.0	400.0	399.3	399.2	0.8	0.8	171.17	-31.6	4.9	32.0	30.4	1.55	20.675		
500.0	500.0	498.6	498.3	1.0	1.0	161.91	-33.7	11.0	35.5	33.5	2.00	17.755		
600.0	600.0	597.5	596.8	1.2	1.2	152.00	-36.7	19.5	41.7	39.2	2.48	16.835		
700.0	700.0	696.1	694.7	1.4	1.5	45.65	-40.5	30.4	50.0	47.1	2.91	17.180		
800.0	799.9	794.3	791.9	1.7	1.8	40.46	-45.1	43.6	59.2	55.8	3.35	17.643		
900.0	899.7	892.3	888.5	1.9	2.2	37.03	-50.5	59.1	68.9	65.1	3.82	18.070		
1,000.0	999.3	990.0	984.4	2.1	2.6	34.77	-56.8	76.8	79.1	74.8	4.29	18.417		
1,100.0	1,098.6	1,087.5	1,079.5	2.4	3.0	33.30	-63.8	96.9	89.5	84.7	4.79	18.672		
1,200.0	1,197.5	1,184.7	1,173.8	2.7	3.5	32.38	-71.5	119.1	100.1	94.8	5.31	18.835		
1,300.0	1,296.1	1,281.6	1,267.2	3.0	4.0	31.86	-80.1	143.6	110.8	105.0	5.86	18.908		
1,400.0	1,394.2	1,378.3	1,359.7	3.3	4.6	31.64	-89.4	170.2	121.7	115.3	6.44	18.905		
1,500.0	1,491.7	1,474.7	1,451.2	3.8	5.2	31.63	-99.5	198.9	132.8	125.7	7.06	18.813		
1,600.0	1,588.6	1,570.8	1,541.6	4.2	5.9	31.79	-110.2	229.7	143.9	136.2	7.72	18.647		
1,700.0	1,684.9	1,666.7	1,630.9	4.7	6.6	32.08	-121.7	262.5	155.2	146.7	8.43	18.415		
1,800.0	1,780.4	1,762.3	1,719.1	5.3	7.3	32.47	-133.9	297.4	166.6	157.4	9.19	18.122		
1,900.0	1,875.0	1,859.0	1,807.4	5.9	8.2	32.97	-146.9	334.6	177.9	167.9	10.02	17.754		
2,000.0	1,968.9	1,958.5	1,898.0	6.6	9.0	33.79	-160.5	373.4	187.7	176.7	10.95	17.139		
2,100.0	2,061.7	2,058.1	1,988.7	7.3	9.9	34.98	-174.1	412.3	195.3	183.3	11.98	16.298		
2,175.5	2,131.2	2,133.4	2,057.3	7.9	10.5	36.12	-184.4	441.6	199.7	186.9	12.85	15.545		
2,200.0	2,153.7	2,157.8	2,079.5	8.1	10.8	36.53	-187.7	451.1	201.0	187.8	13.15	15.286		
2,300.0	2,245.3	2,257.5	2,170.3	8.9	11.6	38.15	-201.3	490.0	206.2	191.8	14.42	14.306		
2,400.0	2,336.9	2,357.2	2,261.1	9.7	12.5	39.69	-214.9	528.9	211.6	195.9	15.74	13.445		
2,500.0	2,428.5	2,456.9	2,351.9	10.6	13.4	41.16	-228.5	567.7	217.2	200.1	17.12	12.687		
2,600.0	2,520.1	2,556.6	2,442.7	11.4	14.3	42.55	-242.1	606.6	222.9	204.3	18.54	12.019		
2,700.0	2,611.7	2,656.2	2,533.4	12.2	15.2	43.87	-255.7	645.5	228.7	208.7	20.01	11.430		
2,800.0	2,703.3	2,755.9	2,624.2	13.1	16.1	45.13	-269.3	684.3	234.6	213.1	21.51	10.909		
2,900.0	2,794.9	2,855.6	2,715.0	13.9	17.0	46.32	-282.9	723.2	240.6	217.6	23.04	10.445		
3,000.0	2,886.6	2,955.3	2,805.8	14.8	17.9	47.45	-296.5	762.1	246.8	222.2	24.60	10.033		
3,100.0	2,978.2	3,055.0	2,896.6	15.6	18.8	48.53	-310.1	800.9	253.0	226.8	26.18	9.664		
3,200.0	3,069.8	3,154.7	2,987.4	16.5	19.6	49.56	-323.7	839.8	259.3	231.5	27.78	9.333		
3,300.0	3,161.4	3,254.4	3,078.2	17.4	20.5	50.54	-337.3	878.7	265.7	236.3	29.41	9.035		
3,400.0	3,253.0	3,354.1	3,169.0	18.2	21.4	51.47	-350.9	917.6	272.2	241.1	31.05	8.767		
3,500.0	3,344.6	3,453.8	3,259.8	19.1	22.3	52.36	-364.5	956.4	278.7	246.0	32.70	8.523		
3,600.0	3,436.2	3,553.5	3,350.6	19.9	23.2	53.21	-378.1	995.3	285.3	250.9	34.37	8.302		
3,700.0	3,527.9	3,653.2	3,441.4	20.8	24.1	54.02	-391.7	1,034.2	291.9	255.9	36.04	8.100		
3,800.0	3,619.5	3,752.9	3,532.2	21.7	25.0	54.79	-405.3	1,073.0	298.6	260.9	37.73	7.915		
3,900.0	3,711.1	3,852.6	3,623.0	22.5	25.9	55.53	-418.9	1,111.9	305.4	266.0	39.43	7.746		
4,000.0	3,802.7	3,952.3	3,713.8	23.4	26.8	56.24	-432.5	1,150.8	312.2	271.1	41.13	7.591		
4,100.0	3,894.3	4,052.0	3,804.5	24.3	27.7	56.91	-446.1	1,189.6	319.1	276.2	42.84	7.448		
4,200.0	3,985.9	4,151.7	3,895.3	25.1	28.6	57.56	-459.7	1,228.5	326.0	281.4	44.56	7.316		
4,300.0	4,077.5	4,251.4	3,986.1	26.0	29.5	58.18	-473.3	1,267.4	332.9	286.6	46.28	7.193		
4,400.0	4,169.1	4,351.1	4,076.9	26.9	30.4	58.78	-486.9	1,306.3	339.9	291.9	48.01	7.080		
4,500.0	4,260.8	4,450.8	4,167.7	27.7	31.3	59.35	-500.5	1,345.1	346.9	297.2	49.74	6.974		
4,600.0	4,352.4	4,550.5	4,258.5	28.6	32.2	59.90	-514.1	1,384.0	353.9	302.5	51.47	6.876		
4,700.0	4,444.0	4,650.2	4,349.3	29.5	33.1	60.43	-527.7	1,422.9	361.0	307.8	53.21	6.785		
4,800.0	4,535.6	4,749.8	4,440.1	30.3	34.0	60.94	-541.3	1,461.7	368.1	313.2	54.95	6.699		
4,900.0	4,627.2	4,849.5	4,530.9	31.2	34.9	61.43	-554.9	1,500.6	375.2	318.5	56.69	6.619		
5,000.0	4,718.8	4,949.2	4,621.7	32.1	35.8	61.90	-568.5	1,539.5	382.4	324.0	58.44	6.544		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,048.9	4,712.5	32.9	36.7	62.35	-582.1	1,578.3	389.6	329.4	60.18	6.473		
5,144.9	4,851.6	5,097.3	4,756.7	33.3	37.1	62.60	-588.6	1,596.9	392.6	331.6	60.99	6.437		
5,200.0	4,902.3	5,157.3	4,811.9	33.7	37.5	63.02	-596.3	1,619.0	396.0	334.1	61.92	6.395		
5,300.0	4,995.3	5,266.1	4,913.3	34.4	38.2	63.76	-609.3	1,656.1	401.6	338.1	63.44	6.330		
5,400.0	5,089.5	5,374.9	5,016.2	35.0	38.8	64.45	-621.0	1,689.7	406.5	341.7	64.84	6.270		
5,500.0	5,184.9	5,483.8	5,120.3	35.5	39.3	65.11	-631.5	1,719.5	410.8	344.7	66.11	6.213		
5,600.0	5,281.2	5,592.6	5,225.6	35.9	39.8	65.74	-640.6	1,745.6	414.3	347.1	67.26	6.160		
5,700.0	5,378.4	5,701.5	5,331.9	36.4	40.2	66.33	-648.4	1,767.9	417.2	348.9	68.29	6.110		
5,800.0	5,476.4	5,810.3	5,438.9	36.7	40.5	66.89	-654.8	1,786.3	419.4	350.2	69.19	6.061		
5,900.0	5,575.0	5,919.0	5,546.5	37.0	40.8	67.43	-659.9	1,800.9	420.8	350.8	69.97	6.014		
6,000.0	5,674.2	6,027.7	5,654.6	37.2	41.0	67.95	-663.7	1,811.7	421.5	350.9	70.64	5.968		
6,100.0	5,773.7	6,136.2	5,762.9	37.4	41.2	68.44	-666.1	1,818.5	421.6	350.4	71.20	5.921		
6,200.0	5,873.5	6,244.7	5,871.3	37.6	41.3	68.91	-667.1	1,821.5	420.9	349.2	71.65	5.874		
6,300.0	5,973.5	6,346.9	5,973.5	37.7	41.4	69.23	-667.2	1,821.6	420.0	348.0	71.96	5.837		
6,326.5	6,000.0	6,373.4	6,000.0	37.7	41.4	167.68	-667.2	1,821.6	419.9	372.6	47.31	8.876		
6,400.0	6,073.5	6,446.9	6,073.5	37.8	41.4	167.68	-667.2	1,821.6	419.9	372.5	47.47	8.847		
6,500.0	6,173.5	6,546.9	6,173.5	37.8	41.5	167.68	-667.2	1,821.6	419.9	372.3	47.68	8.807		
6,600.0	6,273.5	6,646.9	6,273.5	37.9	41.6	167.68	-667.2	1,821.6	419.9	372.0	47.90	8.766		
6,700.0	6,373.5	6,746.9	6,373.5	38.0	41.6	167.68	-667.2	1,821.6	419.9	371.8	48.13	8.726		
6,759.5	6,433.0	6,806.4	6,433.0	38.0	41.7	167.68	-667.2	1,821.6	419.9	371.7	48.26	8.701		
6,800.0	6,473.4	6,846.8	6,473.4	38.0	41.7	-101.81	-667.2	1,821.6	420.2	347.5	72.63	5.785		
6,850.0	6,523.2	6,896.6	6,523.2	38.0	41.7	-102.34	-667.2	1,821.6	421.1	348.8	72.38	5.819		
6,900.0	6,572.6	6,946.0	6,572.6	38.0	41.8	-103.25	-667.2	1,821.6	422.9	351.0	71.90	5.883		
6,950.0	6,621.2	7,003.3	6,629.8	37.9	41.8	-104.51	-667.2	1,819.3	425.3	354.1	71.17	5.975		
7,000.0	6,669.0	7,061.7	6,687.8	37.8	41.8	-105.69	-667.3	1,812.4	427.6	357.2	70.41	6.074		
7,050.0	6,715.6	7,121.0	6,745.9	37.7	41.7	-106.78	-667.4	1,800.4	430.0	360.4	69.62	6.177		
7,100.0	6,760.8	7,181.4	6,803.8	37.5	41.6	-107.79	-667.6	1,783.4	432.3	363.5	68.84	6.281		
7,150.0	6,804.4	7,242.6	6,860.8	37.4	41.4	-108.69	-667.8	1,761.2	434.5	366.4	68.09	6.382		
7,200.0	6,846.2	7,304.6	6,916.5	37.2	41.2	-109.49	-668.1	1,733.9	436.5	369.2	67.39	6.478		
7,250.0	6,886.0	7,367.5	6,970.2	37.1	41.1	-110.17	-668.5	1,701.4	438.3	371.6	66.79	6.563		
7,300.0	6,923.6	7,430.9	7,021.4	37.0	40.9	-110.74	-668.9	1,663.9	439.9	373.6	66.30	6.635		
7,350.0	6,958.8	7,494.9	7,069.4	36.9	40.7	-111.18	-669.4	1,621.6	441.1	375.1	65.95	6.688		
7,400.0	6,991.4	7,559.3	7,113.8	36.8	40.6	-111.49	-669.9	1,574.9	442.0	376.2	65.78	6.719		
7,450.0	7,021.3	7,624.0	7,153.9	36.7	40.5	-111.67	-670.5	1,524.2	442.5	376.7	65.80	6.725		
7,500.0	7,048.3	7,688.9	7,189.4	36.7	40.4	-111.72	-671.1	1,470.0	442.6	376.6	66.03	6.704		
7,550.0	7,072.4	7,753.7	7,219.8	36.8	40.4	-111.64	-671.7	1,412.8	442.4	375.9	66.47	6.656		
7,600.0	7,093.3	7,818.3	7,244.8	36.8	40.5	-111.42	-672.3	1,353.2	441.8	374.6	67.12	6.581		
7,650.0	7,111.0	7,882.6	7,264.3	36.9	40.6	-111.07	-673.0	1,292.0	440.8	372.8	67.98	6.484		
7,700.0	7,125.4	7,946.5	7,278.2	37.1	40.8	-110.60	-673.7	1,229.6	439.5	370.4	69.02	6.367		
7,750.0	7,136.5	8,009.8	7,286.4	37.3	41.0	-110.01	-674.4	1,166.9	437.8	367.6	70.22	6.235		
7,800.0	7,144.0	8,071.6	7,289.0	37.5	41.3	-109.31	-675.1	1,105.2	436.0	364.4	71.53	6.095		
7,850.0	7,148.2	8,121.4	7,289.2	37.8	41.5	-108.92	-675.6	1,055.4	434.7	362.0	72.70	5.979		
7,881.6	7,149.0	8,152.9	7,289.4	38.0	41.7	-108.85	-676.0	1,023.8	434.5	361.1	73.39	5.919		
7,884.3	7,149.0	8,155.6	7,289.4	38.0	41.7	-108.85	-676.0	1,021.1	434.5	361.0	73.45	5.915		
7,884.4	7,149.0	8,155.8	7,289.4	38.0	41.7	-108.85	-676.0	1,021.0	434.5	361.0	73.45	5.915		
7,885.3	7,149.0	8,156.7	7,289.4	38.0	41.7	-108.85	-676.0	1,020.1	434.5	361.0	73.46	5.914		
7,900.0	7,149.0	8,171.4	7,289.4	38.1	41.8	-108.86	-676.2	1,005.4	434.5	360.8	73.66	5.898		
8,000.0	7,149.0	8,271.4	7,289.9	38.9	42.6	-108.91	-677.3	905.4	434.6	359.4	75.25	5.776		
8,100.0	7,149.0	8,371.4	7,290.3	39.8	43.5	-108.97	-678.4	805.4	434.7	357.6	77.16	5.634		
8,200.0	7,149.0	8,471.4	7,290.7	40.9	44.5	-109.02	-679.5	705.4	434.9	355.5	79.39	5.478		
8,300.0	7,149.0	8,571.4	7,291.2	42.2	45.7	-109.08	-680.6	605.4	435.0	353.1	81.90	5.311		
8,400.0	7,149.0	8,671.4	7,291.6	43.6	47.1	-109.13	-681.7	505.4	435.1	350.4	84.67	5.139		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	8,771.4	7,292.0	45.2	48.6	-109.19	-682.8	405.4	435.3	347.6	87.68	4.964		
8,600.0	7,149.0	8,871.4	7,292.5	46.8	50.2	-109.24	-683.9	305.4	435.4	344.5	90.90	4.790		
8,700.0	7,149.0	8,971.4	7,292.9	48.6	51.9	-109.30	-685.0	205.5	435.5	341.2	94.30	4.618		
8,800.0	7,149.0	9,071.4	7,293.4	50.5	53.7	-109.35	-686.0	105.5	435.6	337.8	97.88	4.451		
8,900.0	7,149.0	9,171.4	7,293.8	52.5	55.6	-109.40	-687.1	5.5	435.8	334.2	101.60	4.289		
9,000.0	7,149.0	9,271.4	7,294.2	54.5	57.6	-109.46	-688.2	-94.5	435.9	330.5	105.46	4.134		
9,100.0	7,149.0	9,371.4	7,294.7	56.6	59.7	-109.51	-689.3	-194.5	436.0	326.6	109.43	3.985		
9,200.0	7,149.0	9,471.4	7,295.1	58.8	61.8	-109.57	-690.4	-294.5	436.2	322.7	113.51	3.843		
9,300.0	7,149.0	9,571.4	7,295.5	61.0	64.0	-109.62	-691.5	-394.5	436.3	318.6	117.69	3.707		
9,400.0	7,149.0	9,671.4	7,296.0	63.2	66.2	-109.68	-692.6	-494.5	436.4	314.5	121.95	3.579		
9,500.0	7,149.0	9,771.4	7,296.4	65.5	68.5	-109.73	-693.7	-594.5	436.6	310.3	126.28	3.457		
9,600.0	7,149.0	9,871.4	7,296.8	67.9	70.8	-109.78	-694.8	-694.5	436.7	306.0	130.68	3.342		
9,700.0	7,149.0	9,971.4	7,297.3	70.3	73.2	-109.84	-695.9	-794.5	436.9	301.7	135.14	3.233		
9,800.0	7,149.0	10,071.4	7,297.7	72.7	75.6	-109.89	-697.0	-894.5	437.0	297.3	139.66	3.129		
9,900.0	7,149.0	10,171.4	7,298.1	75.1	78.0	-109.95	-698.1	-994.5	437.1	292.9	144.22	3.031		
10,000.0	7,149.0	10,271.4	7,298.6	77.6	80.4	-110.00	-699.2	-1,094.4	437.3	288.4	148.83	2.938		
10,100.0	7,149.0	10,371.4	7,299.0	80.1	82.9	-110.05	-700.3	-1,194.4	437.4	283.9	153.48	2.850		
10,200.0	7,149.0	10,471.4	7,299.4	82.6	85.4	-110.11	-701.4	-1,294.4	437.5	279.4	158.17	2.766		
10,300.0	7,149.0	10,571.4	7,299.9	85.1	87.9	-110.16	-702.5	-1,394.4	437.7	274.8	162.88	2.687		
10,400.0	7,149.0	10,671.4	7,300.3	87.6	90.4	-110.22	-703.6	-1,494.4	437.8	270.2	167.63	2.612		
10,500.0	7,149.0	10,771.4	7,300.7	90.2	93.0	-110.27	-704.7	-1,594.4	438.0	265.6	172.40	2.540		
10,600.0	7,149.0	10,871.4	7,301.2	92.8	95.5	-110.32	-705.8	-1,694.4	438.1	260.9	177.19	2.472		
10,700.0	7,149.0	10,971.4	7,301.6	95.4	98.1	-110.38	-706.9	-1,794.4	438.2	256.2	182.01	2.408		
10,800.0	7,149.0	11,071.4	7,302.0	98.0	100.7	-110.43	-708.0	-1,894.4	438.4	251.5	186.85	2.346		
10,900.0	7,149.0	11,171.4	7,302.5	100.6	103.3	-110.48	-709.1	-1,994.4	438.5	246.8	191.71	2.287		
11,000.0	7,149.0	11,271.3	7,302.9	103.2	105.9	-110.54	-710.2	-2,094.4	438.7	242.1	196.58	2.231		
11,100.0	7,149.0	11,371.3	7,303.3	105.8	108.5	-110.59	-711.3	-2,194.4	438.8	237.3	201.46	2.178		
11,200.0	7,149.0	11,471.3	7,303.8	108.5	111.1	-110.64	-712.4	-2,294.4	438.9	232.6	206.37	2.127		
11,300.0	7,149.0	11,571.3	7,304.2	111.1	113.8	-110.70	-713.5	-2,394.3	439.1	227.8	211.28	2.078		
11,400.0	7,149.0	11,671.3	7,304.6	113.8	116.4	-110.75	-714.6	-2,494.3	439.2	223.0	216.20	2.032		
11,500.0	7,149.0	11,771.3	7,305.1	116.4	119.1	-110.81	-715.6	-2,594.3	439.4	218.2	221.14	1.987		
11,600.0	7,149.0	11,871.3	7,305.5	119.1	121.7	-110.86	-716.7	-2,694.3	439.5	213.4	226.08	1.944		
11,700.0	7,149.0	11,971.3	7,305.9	121.8	124.4	-110.91	-717.8	-2,794.3	439.6	208.6	231.03	1.903		
11,800.0	7,149.0	12,071.3	7,306.4	124.5	127.1	-110.97	-718.9	-2,894.3	439.8	203.8	235.99	1.864		
11,900.0	7,149.0	12,171.3	7,306.8	127.2	129.7	-111.02	-720.0	-2,994.3	439.9	199.0	240.96	1.826		
12,000.0	7,149.0	12,271.3	7,307.2	129.9	132.4	-111.07	-721.1	-3,094.3	440.1	194.1	245.93	1.789		
12,100.0	7,149.0	12,371.3	7,307.7	132.5	135.1	-111.13	-722.2	-3,194.3	440.2	189.3	250.91	1.755		
12,200.0	7,149.0	12,471.3	7,308.1	135.3	137.8	-111.18	-723.3	-3,294.3	440.4	184.5	255.90	1.721		
12,300.0	7,149.0	12,571.3	7,308.5	138.0	140.5	-111.23	-724.4	-3,394.3	440.5	179.6	260.89	1.689		
12,400.0	7,149.0	12,671.3	7,309.0	140.7	143.2	-111.28	-725.5	-3,494.3	440.7	174.8	265.88	1.657		
12,500.0	7,149.0	12,771.3	7,309.4	143.4	145.9	-111.34	-726.6	-3,594.2	440.8	169.9	270.88	1.627		
12,600.0	7,149.0	12,871.3	7,309.8	146.1	148.6	-111.39	-727.7	-3,694.2	441.0	165.1	275.88	1.598		
12,700.0	7,149.0	12,971.3	7,310.3	148.8	151.3	-111.44	-728.8	-3,794.2	441.1	160.2	280.88	1.570		
12,800.0	7,149.0	13,071.3	7,310.7	151.6	154.1	-111.50	-729.9	-3,894.2	441.3	155.4	285.88	1.543		
12,900.0	7,149.0	13,171.3	7,311.1	154.3	156.8	-111.55	-731.0	-3,994.2	441.4	150.5	290.89	1.517		
13,000.0	7,149.0	13,271.3	7,311.6	157.0	159.5	-111.60	-732.1	-4,094.2	441.5	145.6	295.90	1.492 Level 3		
13,100.0	7,149.0	13,371.3	7,312.0	159.7	162.2	-111.66	-733.2	-4,194.2	441.7	140.8	300.91	1.468 Level 3		
13,200.0	7,149.0	13,471.3	7,312.4	162.5	165.0	-111.71	-734.3	-4,294.2	441.8	135.9	305.93	1.444 Level 3		
13,300.0	7,149.0	13,571.3	7,312.9	165.2	167.7	-111.76	-735.4	-4,394.2	442.0	131.1	310.94	1.421 Level 3		
13,400.0	7,149.0	13,671.3	7,313.3	168.0	170.4	-111.81	-736.5	-4,494.2	442.1	126.2	315.95	1.399 Level 3		
13,500.0	7,149.0	13,771.3	7,313.7	170.7	173.2	-111.87	-737.6	-4,594.2	442.3	121.3	320.97	1.378 Level 3		
13,600.0	7,149.0	13,871.3	7,314.2	173.4	175.9	-111.92	-738.7	-4,694.2	442.4	116.5	325.98	1.357 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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	13,971.3	7,314.6	176.2	178.7	-111.97	-739.8	-4,794.2	442.6	111.6	331.00	1.337 Level 3	
13,800.0	7,149.0	14,071.3	7,315.0	178.9	181.4	-112.02	-740.9	-4,894.1	442.7	106.7	336.02	1.318 Level 3	
13,900.0	7,149.0	14,171.3	7,315.5	181.7	184.2	-112.08	-742.0	-4,994.1	442.9	101.9	341.03	1.299 Level 3	
14,000.0	7,149.0	14,271.3	7,315.9	184.5	186.9	-112.13	-743.1	-5,094.1	443.1	97.0	346.05	1.280 Level 3	
14,100.0	7,149.0	14,371.3	7,316.3	187.2	189.6	-112.18	-744.2	-5,194.1	443.2	92.1	351.06	1.262 Level 3	
14,200.0	7,149.0	14,471.3	7,316.8	190.0	192.4	-112.23	-745.2	-5,294.1	443.4	87.3	356.08	1.245 Level 2	
14,300.0	7,149.0	14,571.3	7,317.2	192.7	195.2	-112.29	-746.3	-5,394.1	443.5	82.4	361.09	1.228 Level 2	
14,400.0	7,149.0	14,671.3	7,317.6	195.5	197.9	-112.34	-747.4	-5,494.1	443.7	77.6	366.10	1.212 Level 2	
14,500.0	7,149.0	14,771.3	7,318.1	198.2	200.7	-112.39	-748.5	-5,594.1	443.8	72.7	371.12	1.196 Level 2	
14,600.0	7,149.0	14,871.3	7,318.5	201.0	203.4	-112.44	-749.6	-5,694.1	444.0	67.8	376.13	1.180 Level 2	
14,700.0	7,149.0	14,971.3	7,318.9	203.8	206.2	-112.50	-750.7	-5,794.1	444.1	63.0	381.14	1.165 Level 2	
14,800.0	7,149.0	15,071.3	7,319.4	206.5	208.9	-112.55	-751.8	-5,894.1	444.3	58.1	386.14	1.151 Level 2	
14,900.0	7,149.0	15,171.3	7,319.8	209.3	211.7	-112.60	-752.9	-5,994.1	444.4	53.3	391.15	1.136 Level 2	
15,000.0	7,149.0	15,271.3	7,320.2	212.1	214.5	-112.65	-754.0	-6,094.1	444.6	48.4	396.15	1.122 Level 2	
15,100.0	7,149.0	15,371.3	7,320.7	214.8	217.2	-112.71	-755.1	-6,194.0	444.7	43.6	401.16	1.109 Level 2	
15,200.0	7,149.0	15,471.3	7,321.1	217.6	220.0	-112.76	-756.2	-6,294.0	444.9	38.7	406.16	1.095 Level 2	
15,300.0	7,149.0	15,571.3	7,321.5	220.4	222.8	-112.81	-757.3	-6,394.0	445.1	33.9	411.16	1.082 Level 2	
15,400.0	7,149.0	15,671.3	7,322.0	223.1	225.5	-112.86	-758.4	-6,494.0	445.2	29.1	416.16	1.070 Level 2	
15,500.0	7,149.0	15,771.3	7,322.4	225.9	228.3	-112.91	-759.5	-6,594.0	445.4	24.2	421.15	1.058 Level 2	
15,600.0	7,149.0	15,871.3	7,322.8	228.7	231.1	-112.97	-760.6	-6,694.0	445.5	19.4	426.15	1.046 Level 2	
15,700.0	7,149.0	15,971.3	7,323.3	231.5	233.8	-113.02	-761.7	-6,794.0	445.7	14.6	431.14	1.034 Level 2	
15,800.0	7,149.0	16,071.3	7,323.7	234.2	236.6	-113.07	-762.8	-6,894.0	445.9	9.7	436.13	1.022 Level 2	
15,900.0	7,149.0	16,171.3	7,324.1	237.0	239.4	-113.12	-763.9	-6,994.0	446.0	4.9	441.11	1.011 Level 2	
16,000.0	7,149.0	16,271.3	7,324.6	239.8	242.2	-113.17	-765.0	-7,094.0	446.2	0.1	446.10	1.000 Level 2	
16,100.0	7,149.0	16,371.3	7,325.0	242.6	244.9	-113.22	-766.1	-7,194.0	446.3	-4.7	451.08	0.989 Level 1	
16,200.0	7,149.0	16,471.3	7,325.4	245.3	247.7	-113.28	-767.2	-7,294.0	446.5	-9.6	456.06	0.979 Level 1	
16,300.0	7,149.0	16,571.3	7,325.9	248.1	250.5	-113.33	-768.3	-7,393.9	446.7	-14.4	461.04	0.969 Level 1	
16,400.0	7,149.0	16,671.3	7,326.3	250.9	253.3	-113.38	-769.4	-7,493.9	446.8	-19.2	466.01	0.959 Level 1	
16,500.0	7,149.0	16,771.3	7,326.7	253.7	256.0	-113.43	-770.5	-7,593.9	447.0	-24.0	470.98	0.949 Level 1	
16,600.0	7,149.0	16,871.3	7,327.2	256.5	258.8	-113.48	-771.6	-7,693.9	447.1	-28.8	475.95	0.939 Level 1	
16,700.0	7,149.0	16,971.3	7,327.6	259.2	261.6	-113.53	-772.7	-7,793.9	447.3	-33.6	480.92	0.930 Level 1	
16,800.0	7,149.0	17,071.3	7,328.0	262.0	264.4	-113.59	-773.8	-7,893.9	447.5	-38.4	485.88	0.921 Level 1	
16,900.0	7,149.0	17,171.3	7,328.5	264.8	267.2	-113.64	-774.8	-7,993.9	447.6	-43.2	490.85	0.912 Level 1	
17,000.0	7,149.0	17,271.3	7,328.9	267.6	269.9	-113.69	-775.9	-8,093.9	447.8	-48.0	495.80	0.903 Level 1	
17,100.0	7,149.0	17,371.3	7,329.3	270.4	272.7	-113.74	-777.0	-8,193.9	447.9	-52.8	500.76	0.895 Level 1	
17,200.0	7,149.0	17,471.3	7,329.8	273.2	275.5	-113.79	-778.1	-8,293.9	448.1	-57.6	505.71	0.886 Level 1	
17,300.0	7,149.0	17,571.3	7,330.2	275.9	278.3	-113.84	-779.2	-8,393.9	448.3	-62.4	510.66	0.878 Level 1	
17,400.0	7,149.0	17,671.3	7,330.6	278.7	281.1	-113.89	-780.3	-8,493.9	448.4	-67.2	515.61	0.870 Level 1	
17,500.0	7,149.0	17,771.3	7,331.1	281.5	283.8	-113.95	-781.4	-8,593.9	448.6	-71.9	520.55	0.862 Level 1	
17,600.0	7,149.0	17,871.3	7,331.5	284.3	286.6	-114.00	-782.5	-8,693.8	448.8	-76.7	525.49	0.854 Level 1	
17,700.0	7,149.0	17,971.3	7,331.9	287.1	289.4	-114.05	-783.6	-8,793.8	448.9	-81.5	530.43	0.846 Level 1	
17,800.0	7,149.0	18,071.3	7,332.4	289.9	292.2	-114.10	-784.7	-8,893.8	449.1	-86.3	535.36	0.839 Level 1	
17,900.0	7,149.0	18,171.3	7,332.8	292.7	295.0	-114.15	-785.8	-8,993.8	449.3	-91.0	540.30	0.832 Level 1	
18,000.0	7,149.0	18,271.3	7,333.2	295.5	297.8	-114.20	-786.9	-9,093.8	449.4	-95.8	545.22	0.824 Level 1	
18,100.0	7,149.0	18,371.3	7,333.7	298.2	300.6	-114.25	-788.0	-9,193.8	449.6	-100.5	550.15	0.817 Level 1	
18,152.4	7,149.0	18,423.7	7,333.9	299.7	302.0	-114.28	-788.6	-9,246.2	449.7	-103.0	552.73	0.814 Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-45.2	0.0	45.2					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-45.2	0.0	45.2	45.0	0.22	200.990		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-45.2	0.0	45.2	44.5	0.67	66.997		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-45.2	0.0	45.2	44.1	1.12	40.198		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-45.2	0.0	45.2	43.6	1.57	28.713		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-45.2	0.0	45.2	43.2	2.02	22.332		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-45.2	0.0	45.2	42.7	2.47	18.272 CC		
700.0	700.0	699.5	699.5	1.4	1.4	81.69	-45.7	1.2	45.5	42.6	2.89	15.759 ES		
800.0	799.9	799.0	798.9	1.7	1.6	82.05	-47.3	4.7	46.5	43.2	3.29	14.144		
900.0	899.7	898.5	898.2	1.9	1.9	82.62	-49.9	10.7	48.2	44.5	3.72	12.964		
1,000.0	999.3	998.0	997.3	2.1	2.1	83.35	-53.6	18.9	50.6	46.4	4.18	12.088		
1,100.0	1,098.6	1,097.5	1,096.1	2.4	2.3	84.19	-58.3	29.6	53.6	48.9	4.69	11.419		
1,200.0	1,197.5	1,196.9	1,194.5	2.7	2.6	85.10	-64.0	42.6	57.3	52.1	5.26	10.893		
1,300.0	1,296.1	1,296.3	1,292.4	3.0	2.9	86.02	-70.8	57.9	61.7	55.8	5.90	10.464		
1,400.0	1,394.2	1,395.6	1,389.9	3.3	3.3	86.92	-78.6	75.5	66.8	60.2	6.61	10.102		
1,500.0	1,491.7	1,494.9	1,486.7	3.8	3.7	87.79	-87.4	95.4	72.6	65.2	7.42	9.788		
1,600.0	1,588.6	1,594.1	1,582.9	4.2	4.2	88.59	-97.2	117.6	79.1	70.8	8.32	9.509		
1,700.0	1,684.9	1,693.2	1,678.4	4.7	4.7	89.33	-108.0	142.1	86.2	76.9	9.31	9.258		
1,800.0	1,780.4	1,792.3	1,773.1	5.3	5.2	90.00	-119.8	168.8	94.1	83.6	10.42	9.030		
1,900.0	1,875.0	1,891.3	1,866.9	5.9	5.8	90.60	-132.6	197.7	102.6	90.9	11.63	8.821		
2,000.0	1,968.9	1,990.2	1,959.8	6.6	6.5	91.13	-146.3	228.9	111.7	98.8	12.94	8.630		
2,100.0	2,061.7	2,089.1	2,051.7	7.3	7.2	91.60	-161.1	262.1	121.5	107.1	14.38	8.453		
2,175.5	2,131.2	2,163.7	2,120.4	7.9	7.8	91.92	-172.8	288.7	129.4	113.8	15.54	8.327		
2,200.0	2,153.7	2,187.8	2,142.5	8.1	8.0	92.02	-176.7	297.5	132.0	116.1	15.92	8.290		
2,300.0	2,245.3	2,286.8	2,232.6	8.9	8.8	91.85	-193.3	335.0	143.0	125.4	17.53	8.154		
2,400.0	2,336.9	2,386.2	2,322.9	9.7	9.7	91.53	-210.1	373.0	154.1	134.9	19.18	8.034		
2,500.0	2,428.5	2,485.5	2,413.1	10.6	10.5	91.25	-226.9	411.0	165.2	144.3	20.84	7.926		
2,600.0	2,520.1	2,584.9	2,503.4	11.4	11.4	91.01	-243.6	449.0	176.3	153.7	22.51	7.830		
2,700.0	2,611.7	2,684.3	2,593.7	12.2	12.3	90.79	-260.4	487.0	187.4	163.2	24.19	7.745		
2,800.0	2,703.3	2,783.7	2,684.0	13.1	13.2	90.60	-277.2	524.9	198.5	172.6	25.88	7.668		
2,900.0	2,794.9	2,883.1	2,774.3	13.9	14.0	90.43	-294.0	562.9	209.6	182.0	27.58	7.599		
3,000.0	2,886.6	2,982.4	2,864.5	14.8	14.9	90.28	-310.8	600.9	220.7	191.4	29.28	7.537		
3,100.0	2,978.2	3,081.8	2,954.8	15.6	15.8	90.14	-327.6	638.9	231.8	200.8	30.99	7.480		
3,200.0	3,069.8	3,181.2	3,045.1	16.5	16.7	90.02	-344.4	676.9	242.9	210.2	32.70	7.429		
3,300.0	3,161.4	3,280.6	3,135.4	17.4	17.6	89.90	-361.2	714.9	254.0	219.6	34.41	7.382		
3,400.0	3,253.0	3,380.0	3,225.7	18.2	18.5	89.80	-378.0	752.9	265.1	229.0	36.12	7.339		
3,500.0	3,344.6	3,479.3	3,315.9	19.1	19.4	89.70	-394.8	790.9	276.2	238.4	37.84	7.299		
3,600.0	3,436.2	3,578.7	3,406.2	19.9	20.3	89.62	-411.6	828.9	287.3	247.8	39.56	7.263		
3,700.0	3,527.9	3,678.1	3,496.5	20.8	21.2	89.53	-428.4	866.9	298.4	257.2	41.28	7.229		
3,800.0	3,619.5	3,777.5	3,586.8	21.7	22.1	89.46	-445.2	904.9	309.6	266.6	43.01	7.198		
3,900.0	3,711.1	3,876.9	3,677.1	22.5	23.0	89.39	-462.0	942.9	320.7	275.9	44.73	7.169		
4,000.0	3,802.7	3,976.2	3,767.3	23.4	23.9	89.32	-478.8	980.9	331.8	285.3	46.46	7.142		
4,100.0	3,894.3	4,075.6	3,857.6	24.3	24.8	89.26	-495.6	1,018.9	342.9	294.7	48.18	7.117		
4,200.0	3,985.9	4,175.0	3,947.9	25.1	25.7	89.20	-512.4	1,056.9	354.0	304.1	49.91	7.093		
4,300.0	4,077.5	4,274.4	4,038.2	26.0	26.6	89.14	-529.2	1,094.9	365.1	313.5	51.64	7.071		
4,400.0	4,169.1	4,373.8	4,128.5	26.9	27.5	89.09	-546.0	1,132.9	376.2	322.9	53.37	7.050		
4,500.0	4,260.8	4,473.1	4,218.7	27.7	28.4	89.05	-562.8	1,170.9	387.4	332.3	55.10	7.030		
4,600.0	4,352.4	4,572.5	4,309.0	28.6	29.3	89.00	-579.6	1,208.9	398.5	341.7	56.83	7.012		
4,700.0	4,444.0	4,671.9	4,399.3	29.5	30.2	88.96	-596.4	1,246.9	409.6	351.0	58.56	6.995		
4,800.0	4,535.6	4,771.3	4,489.6	30.3	31.1	88.92	-613.2	1,284.9	420.7	360.4	60.29	6.978		
4,900.0	4,627.2	4,870.7	4,579.9	31.2	32.0	88.88	-630.0	1,322.9	431.8	369.8	62.02	6.962		
5,000.0	4,718.8	4,970.0	4,670.1	32.1	32.9	88.84	-646.8	1,360.9	442.9	379.2	63.76	6.948		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,069.4	4,760.4	32.9	33.8	88.80	-663.6	1,398.9	454.1	388.6	65.49	6.934		
5,144.9	4,851.6	5,114.0	4,801.0	33.3	34.2	88.79	-671.1	1,415.9	459.1	392.8	66.27	6.927		
5,200.0	4,902.3	5,168.8	4,850.7	33.7	34.7	88.83	-680.4	1,436.8	465.2	398.0	67.17	6.925		
5,300.0	4,995.3	5,268.1	4,940.9	34.4	35.6	88.58	-697.2	1,474.8	476.4	407.8	68.64	6.941		
5,400.0	5,089.5	5,367.2	5,030.9	35.0	36.5	87.95	-713.9	1,512.7	487.8	417.8	69.97	6.971		
5,500.0	5,184.9	5,465.9	5,120.6	35.5	37.4	86.96	-730.6	1,550.4	499.4	428.3	71.16	7.018		
5,600.0	5,281.2	5,564.8	5,210.4	35.9	38.3	85.66	-747.3	1,588.2	511.6	439.4	72.19	7.086		
5,700.0	5,378.4	5,669.5	5,306.5	36.4	39.1	84.16	-764.2	1,626.4	523.7	450.7	72.94	7.179		
5,800.0	5,476.4	5,775.0	5,404.7	36.7	39.7	82.71	-779.7	1,661.6	535.2	461.7	73.52	7.279		
5,900.0	5,575.0	5,881.4	5,505.1	37.0	40.3	81.30	-793.9	1,693.7	546.2	472.2	73.96	7.385		
6,000.0	5,674.2	5,988.5	5,607.5	37.2	40.9	79.92	-806.7	1,722.5	556.6	482.3	74.25	7.496		
6,100.0	5,773.7	6,096.5	5,711.8	37.4	41.4	78.57	-818.0	1,748.1	566.3	491.9	74.40	7.612		
6,200.0	5,873.5	6,205.2	5,817.8	37.6	41.8	77.24	-827.7	1,770.1	575.4	501.0	74.41	7.733		
6,300.0	5,973.5	6,314.7	5,925.4	37.7	42.1	75.93	-835.9	1,788.6	583.7	509.5	74.28	7.858		
6,326.5	6,000.0	6,343.9	5,954.2	37.7	42.2	174.02	-837.8	1,792.9	585.8	540.7	45.17	12.969		
6,400.0	6,073.5	6,425.1	6,034.6	37.8	42.4	173.05	-842.4	1,803.4	591.1	545.0	46.08	12.828		
6,500.0	6,173.5	6,536.6	6,145.4	37.8	42.6	172.05	-847.3	1,814.4	596.8	549.7	47.09	12.674		
6,600.0	6,273.5	6,648.8	6,257.4	37.9	42.8	171.42	-850.4	1,821.6	600.5	552.7	47.82	12.558		
6,700.0	6,373.5	6,761.5	6,370.1	38.0	42.9	171.15	-851.8	1,824.7	602.1	553.8	48.26	12.475		
6,759.5	6,433.0	6,824.5	6,433.0	38.0	43.0	171.13	-851.9	1,824.8	602.2	553.8	48.41	12.438		
6,800.0	6,473.4	6,864.9	6,473.4	38.0	43.0	-98.32	-851.9	1,824.8	602.3	528.3	74.00	8.140		
6,850.0	6,523.2	6,914.7	6,523.2	38.0	43.0	-98.69	-851.9	1,824.8	603.0	529.2	73.83	8.167		
6,900.0	6,572.6	6,964.0	6,572.6	38.0	43.1	-99.34	-851.9	1,824.8	604.3	530.8	73.51	8.221		
6,950.0	6,621.2	7,012.7	6,621.2	37.9	43.1	-100.22	-851.9	1,824.8	606.3	533.3	73.03	8.302		
7,000.0	6,669.0	7,064.7	6,673.2	37.8	43.1	-101.40	-851.9	1,824.4	609.1	536.7	72.37	8.416		
7,050.0	6,715.6	7,123.4	6,731.7	37.7	43.1	-102.72	-851.9	1,820.0	612.3	540.7	71.57	8.555		
7,100.0	6,760.8	7,183.9	6,791.5	37.5	43.1	-104.00	-852.0	1,810.5	615.6	544.9	70.73	8.705		
7,150.0	6,804.4	7,246.1	6,851.8	37.4	43.0	-105.21	-852.2	1,795.5	619.1	549.2	69.87	8.861		
7,200.0	6,846.2	7,310.2	6,912.4	37.2	42.8	-106.35	-852.4	1,774.7	622.5	553.5	69.02	9.019		
7,250.0	6,886.0	7,375.9	6,972.3	37.1	42.7	-107.40	-852.7	1,747.7	625.9	557.7	68.22	9.174		
7,300.0	6,923.6	7,443.4	7,031.0	37.0	42.5	-108.35	-853.1	1,714.5	629.1	561.6	67.50	9.320		
7,350.0	6,958.8	7,512.5	7,087.6	36.9	42.3	-109.19	-853.5	1,674.9	632.0	565.1	66.89	9.448		
7,400.0	6,991.4	7,583.0	7,141.1	36.8	42.1	-109.91	-854.0	1,629.0	634.5	568.1	66.43	9.551		
7,450.0	7,021.3	7,654.8	7,190.7	36.7	41.9	-110.49	-854.6	1,577.1	636.6	570.4	66.17	9.621		
7,500.0	7,048.3	7,727.7	7,235.5	36.7	41.8	-110.92	-855.2	1,519.7	638.2	572.1	66.12	9.652		
7,550.0	7,072.4	7,801.2	7,274.5	36.8	41.7	-111.20	-855.9	1,457.4	639.3	572.9	66.32	9.638		
7,600.0	7,093.3	7,875.2	7,307.1	36.8	41.7	-111.32	-856.7	1,391.1	639.7	572.9	66.79	9.577		
7,650.0	7,111.0	7,949.3	7,332.7	36.9	41.8	-111.28	-857.4	1,321.6	639.5	572.0	67.51	9.473		
7,700.0	7,125.4	8,023.1	7,351.0	37.1	41.9	-111.07	-858.2	1,250.1	638.8	570.3	68.49	9.326		
7,750.0	7,136.5	8,096.3	7,361.7	37.3	42.1	-110.71	-859.0	1,177.8	637.4	567.7	69.67	9.149		
7,800.0	7,144.0	8,168.3	7,364.0	37.5	42.4	-110.13	-859.8	1,106.8	635.2	564.1	71.06	8.938		
7,850.0	7,148.2	8,218.1	7,364.1	37.8	42.6	-109.89	-860.3	1,057.0	633.8	561.5	72.24	8.773		
7,883.9	7,149.0	8,252.0	7,364.1	38.0	42.8	-109.85	-860.7	1,023.1	633.5	560.5	73.02	8.675		
7,884.3	7,149.0	8,252.4	7,364.1	38.0	42.8	-109.85	-860.7	1,022.8	633.5	560.5	73.03	8.674		
7,884.4	7,149.0	8,252.5	7,364.1	38.0	42.8	-109.85	-860.7	1,022.7	633.5	560.5	73.03	8.674		
7,885.3	7,149.0	8,253.4	7,364.1	38.0	42.8	-109.85	-860.7	1,021.7	633.5	560.4	73.05	8.672		
7,900.0	7,149.0	8,268.1	7,364.1	38.1	42.9	-109.85	-860.9	1,007.0	633.5	560.2	73.25	8.648		
8,000.0	7,149.0	8,368.1	7,364.2	38.9	43.5	-109.86	-862.0	907.0	633.5	558.7	74.83	8.466		
8,100.0	7,149.0	8,468.1	7,364.3	39.8	44.3	-109.87	-863.1	807.0	633.5	556.8	76.75	8.254		
8,200.0	7,149.0	8,568.1	7,364.4	40.9	45.3	-109.87	-864.2	707.0	633.6	554.6	78.98	8.022		
8,300.0	7,149.0	8,668.1	7,364.5	42.2	46.4	-109.88	-865.3	607.1	633.6	552.1	81.50	7.774		
8,400.0	7,149.0	8,768.1	7,364.6	43.6	47.7	-109.89	-866.4	507.1	633.6	549.3	84.27	7.519		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	8,868.1	7,364.7	45.2	49.1	-109.90	-867.5	407.1	633.6	546.4	87.28	7.260		
8,600.0	7,149.0	8,968.1	7,364.8	46.8	50.6	-109.91	-868.6	307.1	633.7	543.2	90.50	7.001		
8,700.0	7,149.0	9,068.1	7,364.9	48.6	52.3	-109.92	-869.7	207.1	633.7	539.8	93.92	6.747		
8,800.0	7,149.0	9,168.1	7,365.0	50.5	54.1	-109.93	-870.8	107.1	633.7	536.2	97.50	6.500		
8,900.0	7,149.0	9,268.1	7,365.1	52.5	55.9	-109.93	-871.9	7.1	633.7	532.5	101.23	6.260		
9,000.0	7,149.0	9,368.1	7,365.2	54.5	57.9	-109.94	-873.0	-92.9	633.8	528.7	105.10	6.030		
9,100.0	7,149.0	9,468.1	7,365.3	56.6	59.9	-109.95	-874.1	-192.9	633.8	524.7	109.09	5.810		
9,200.0	7,149.0	9,568.1	7,365.4	58.8	62.0	-109.96	-875.2	-292.9	633.8	520.6	113.18	5.600		
9,300.0	7,149.0	9,668.1	7,365.4	61.0	64.2	-109.97	-876.3	-392.9	633.8	516.5	117.37	5.400		
9,400.0	7,149.0	9,768.1	7,365.5	63.2	66.4	-109.98	-877.4	-492.9	633.9	512.2	121.65	5.210		
9,500.0	7,149.0	9,868.1	7,365.6	65.5	68.6	-109.98	-878.5	-592.9	633.9	507.9	126.01	5.030		
9,600.0	7,149.0	9,968.1	7,365.7	67.9	70.9	-109.99	-879.6	-692.9	633.9	503.5	130.44	4.860		
9,700.0	7,149.0	10,068.1	7,365.8	70.3	73.3	-110.00	-880.7	-792.9	633.9	499.0	134.93	4.698		
9,800.0	7,149.0	10,168.1	7,365.9	72.7	75.6	-110.01	-881.8	-892.9	634.0	494.5	139.47	4.545		
9,900.0	7,149.0	10,268.1	7,366.0	75.1	78.1	-110.02	-882.9	-992.8	634.0	489.9	144.07	4.400		
10,000.0	7,149.0	10,368.1	7,366.1	77.6	80.5	-110.03	-884.0	-1,092.8	634.0	485.3	148.72	4.263		
10,100.0	7,149.0	10,468.1	7,366.2	80.1	82.9	-110.04	-885.1	-1,192.8	634.0	480.6	153.40	4.133		
10,200.0	7,149.0	10,568.1	7,366.3	82.6	85.4	-110.04	-886.2	-1,292.8	634.0	475.9	158.13	4.010		
10,300.0	7,149.0	10,668.1	7,366.4	85.1	87.9	-110.05	-887.3	-1,392.8	634.1	471.2	162.89	3.893		
10,400.0	7,149.0	10,768.1	7,366.5	87.6	90.5	-110.06	-888.4	-1,492.8	634.1	466.4	167.68	3.782		
10,500.0	7,149.0	10,868.1	7,366.6	90.2	93.0	-110.07	-889.5	-1,592.8	634.1	461.6	172.50	3.676		
10,600.0	7,149.0	10,968.1	7,366.7	92.8	95.5	-110.08	-890.6	-1,692.8	634.1	456.8	177.35	3.576		
10,700.0	7,149.0	11,068.1	7,366.8	95.4	98.1	-110.09	-891.7	-1,792.8	634.2	452.0	182.22	3.480		
10,800.0	7,149.0	11,168.1	7,366.9	98.0	100.7	-110.09	-892.8	-1,892.8	634.2	447.1	187.11	3.389		
10,900.0	7,149.0	11,268.1	7,367.0	100.6	103.3	-110.10	-893.9	-1,992.8	634.2	442.2	192.03	3.303		
11,000.0	7,149.0	11,368.1	7,367.1	103.2	105.9	-110.11	-895.0	-2,092.8	634.2	437.3	196.96	3.220		
11,100.0	7,149.0	11,468.1	7,367.2	105.8	108.5	-110.12	-896.1	-2,192.8	634.3	432.4	201.92	3.141		
11,200.0	7,149.0	11,568.1	7,367.3	108.5	111.1	-110.13	-897.2	-2,292.8	634.3	427.4	206.88	3.066		
11,300.0	7,149.0	11,668.1	7,367.4	111.1	113.8	-110.14	-898.3	-2,392.8	634.3	422.4	211.87	2.994		
11,400.0	7,149.0	11,768.1	7,367.5	113.8	116.4	-110.15	-899.4	-2,492.8	634.3	417.5	216.87	2.925		
11,500.0	7,149.0	11,868.1	7,367.6	116.4	119.1	-110.15	-900.5	-2,592.8	634.4	412.5	221.88	2.859		
11,600.0	7,149.0	11,968.1	7,367.7	119.1	121.7	-110.16	-901.6	-2,692.7	634.4	407.5	226.90	2.796		
11,700.0	7,149.0	12,068.1	7,367.8	121.8	124.4	-110.17	-902.7	-2,792.7	634.4	402.5	231.94	2.735		
11,800.0	7,149.0	12,168.1	7,367.9	124.5	127.1	-110.18	-903.7	-2,892.7	634.4	397.5	236.99	2.677		
11,900.0	7,149.0	12,268.1	7,368.0	127.2	129.8	-110.19	-904.8	-2,992.7	634.5	392.4	242.04	2.621		
12,000.0	7,149.0	12,368.1	7,368.0	129.9	132.4	-110.20	-905.9	-3,092.7	634.5	387.4	247.11	2.568		
12,100.0	7,149.0	12,468.1	7,368.1	132.5	135.1	-110.20	-907.0	-3,192.7	634.5	382.3	252.18	2.516		
12,200.0	7,149.0	12,568.1	7,368.2	135.3	137.8	-110.21	-908.1	-3,292.7	634.5	377.3	257.27	2.466		
12,300.0	7,149.0	12,668.1	7,368.3	138.0	140.5	-110.22	-909.2	-3,392.7	634.6	372.2	262.36	2.419		
12,400.0	7,149.0	12,768.1	7,368.4	140.7	143.2	-110.23	-910.3	-3,492.7	634.6	367.1	267.45	2.373		
12,500.0	7,149.0	12,868.1	7,368.5	143.4	145.9	-110.24	-911.4	-3,592.7	634.6	362.1	272.56	2.328		
12,600.0	7,149.0	12,968.1	7,368.6	146.1	148.6	-110.25	-912.5	-3,692.7	634.6	357.0	277.67	2.286		
12,700.0	7,149.0	13,068.1	7,368.7	148.8	151.3	-110.26	-913.6	-3,792.7	634.7	351.9	282.78	2.244		
12,800.0	7,149.0	13,168.1	7,368.8	151.6	154.1	-110.26	-914.7	-3,892.7	634.7	346.8	287.91	2.204		
12,900.0	7,149.0	13,268.1	7,368.9	154.3	156.8	-110.27	-915.8	-3,992.7	634.7	341.7	293.03	2.166		
13,000.0	7,149.0	13,368.1	7,369.0	157.0	159.5	-110.28	-916.9	-4,092.7	634.7	336.6	298.17	2.129		
13,100.0	7,149.0	13,468.1	7,369.1	159.7	162.2	-110.29	-918.0	-4,192.7	634.8	331.5	303.30	2.093		
13,200.0	7,149.0	13,568.1	7,369.2	162.5	165.0	-110.30	-919.1	-4,292.6	634.8	326.3	308.45	2.058		
13,300.0	7,149.0	13,668.1	7,369.3	165.2	167.7	-110.31	-920.2	-4,392.6	634.8	321.2	313.59	2.024		
13,400.0	7,149.0	13,768.1	7,369.4	168.0	170.4	-110.31	-921.3	-4,492.6	634.8	316.1	318.74	1.992		
13,500.0	7,149.0	13,868.1	7,369.5	170.7	173.2	-110.32	-922.4	-4,592.6	634.9	311.0	323.90	1.960		
13,600.0	7,149.0	13,968.1	7,369.6	173.4	175.9	-110.33	-923.5	-4,692.6	634.9	305.8	329.05	1.929		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	14,068.1	7,369.7	176.2	178.7	-110.34	-924.6	-4,792.6	634.9	300.7	334.21	1.900		
13,800.0	7,149.0	14,168.1	7,369.8	178.9	181.4	-110.35	-925.7	-4,892.6	634.9	295.6	339.38	1.871		
13,900.0	7,149.0	14,268.1	7,369.9	181.7	184.1	-110.36	-926.8	-4,992.6	635.0	290.4	344.55	1.843		
14,000.0	7,149.0	14,368.1	7,370.0	184.5	186.9	-110.36	-927.9	-5,092.6	635.0	285.3	349.72	1.816		
14,100.0	7,149.0	14,468.1	7,370.1	187.2	189.6	-110.37	-929.0	-5,192.6	635.0	280.1	354.89	1.789		
14,200.0	7,149.0	14,568.1	7,370.2	190.0	192.4	-110.38	-930.1	-5,292.6	635.0	275.0	360.06	1.764		
14,300.0	7,149.0	14,668.1	7,370.3	192.7	195.1	-110.39	-931.2	-5,392.6	635.1	269.8	365.24	1.739		
14,400.0	7,149.0	14,768.1	7,370.4	195.5	197.9	-110.40	-932.3	-5,492.6	635.1	264.7	370.42	1.714		
14,500.0	7,149.0	14,868.1	7,370.5	198.2	200.7	-110.41	-933.4	-5,592.6	635.1	259.5	375.60	1.691		
14,600.0	7,149.0	14,968.1	7,370.6	201.0	203.4	-110.42	-934.5	-5,692.6	635.1	254.3	380.79	1.668		
14,700.0	7,149.0	15,068.1	7,370.6	203.8	206.2	-110.42	-935.6	-5,792.6	635.2	249.2	385.97	1.646		
14,800.0	7,149.0	15,168.1	7,370.7	206.5	208.9	-110.43	-936.7	-5,892.5	635.2	244.0	391.16	1.624		
14,900.0	7,149.0	15,268.1	7,370.8	209.3	211.7	-110.44	-937.8	-5,992.5	635.2	238.9	396.35	1.603		
15,000.0	7,149.0	15,368.1	7,370.9	212.1	214.5	-110.45	-938.9	-6,092.5	635.2	233.7	401.54	1.582		
15,100.0	7,149.0	15,468.1	7,371.0	214.8	217.2	-110.46	-940.0	-6,192.5	635.3	228.5	406.74	1.562		
15,200.0	7,149.0	15,568.1	7,371.1	217.6	220.0	-110.47	-941.1	-6,292.5	635.3	223.3	411.93	1.542		
15,300.0	7,149.0	15,668.1	7,371.2	220.4	222.8	-110.47	-942.2	-6,392.5	635.3	218.2	417.13	1.523		
15,400.0	7,149.0	15,768.1	7,371.3	223.1	225.5	-110.48	-943.3	-6,492.5	635.3	213.0	422.32	1.504		
15,500.0	7,149.0	15,868.1	7,371.4	225.9	228.3	-110.49	-944.4	-6,592.5	635.4	207.8	427.52	1.486 Level 3		
15,600.0	7,149.0	15,968.1	7,371.5	228.7	231.1	-110.50	-945.5	-6,692.5	635.4	202.7	432.72	1.468 Level 3		
15,700.0	7,149.0	16,068.1	7,371.6	231.5	233.8	-110.51	-946.6	-6,792.5	635.4	197.5	437.93	1.451 Level 3		
15,800.0	7,149.0	16,168.1	7,371.7	234.2	236.6	-110.52	-947.7	-6,892.5	635.4	192.3	443.13	1.434 Level 3		
15,900.0	7,149.0	16,268.1	7,371.8	237.0	239.4	-110.53	-948.8	-6,992.5	635.5	187.1	448.33	1.417 Level 3		
16,000.0	7,149.0	16,368.1	7,371.9	239.8	242.1	-110.53	-949.9	-7,092.5	635.5	181.9	453.54	1.401 Level 3		
16,100.0	7,149.0	16,468.1	7,372.0	242.6	244.9	-110.54	-951.0	-7,192.5	635.5	176.8	458.74	1.385 Level 3		
16,200.0	7,149.0	16,568.1	7,372.1	245.3	247.7	-110.55	-952.1	-7,292.5	635.5	171.6	463.95	1.370 Level 3		
16,300.0	7,149.0	16,668.1	7,372.2	248.1	250.5	-110.56	-953.2	-7,392.5	635.6	166.4	469.15	1.355 Level 3		
16,400.0	7,149.0	16,768.1	7,372.3	250.9	253.2	-110.57	-954.3	-7,492.5	635.6	161.2	474.36	1.340 Level 3		
16,500.0	7,149.0	16,868.1	7,372.4	253.7	256.0	-110.58	-955.4	-7,592.4	635.6	156.0	479.57	1.325 Level 3		
16,600.0	7,149.0	16,968.1	7,372.5	256.5	258.8	-110.58	-956.5	-7,692.4	635.6	150.8	484.78	1.311 Level 3		
16,700.0	7,149.0	17,068.1	7,372.6	259.2	261.6	-110.59	-957.6	-7,792.4	635.7	145.7	489.99	1.297 Level 3		
16,800.0	7,149.0	17,168.1	7,372.7	262.0	264.4	-110.60	-958.7	-7,892.4	635.7	140.5	495.20	1.284 Level 3		
16,900.0	7,149.0	17,268.1	7,372.8	264.8	267.1	-110.61	-959.8	-7,992.4	635.7	135.3	500.41	1.270 Level 3		
17,000.0	7,149.0	17,368.1	7,372.9	267.6	269.9	-110.62	-960.9	-8,092.4	635.7	130.1	505.62	1.257 Level 3		
17,100.0	7,149.0	17,468.1	7,373.0	270.4	272.7	-110.63	-962.0	-8,192.4	635.8	124.9	510.84	1.245 Level 2		
17,200.0	7,149.0	17,568.1	7,373.1	273.2	275.5	-110.63	-963.1	-8,292.4	635.8	119.7	516.05	1.232 Level 2		
17,300.0	7,149.0	17,668.1	7,373.1	275.9	278.3	-110.64	-964.2	-8,392.4	635.8	114.5	521.26	1.220 Level 2		
17,400.0	7,149.0	17,768.1	7,373.2	278.7	281.0	-110.65	-965.3	-8,492.4	635.8	109.4	526.48	1.208 Level 2		
17,500.0	7,149.0	17,868.1	7,373.3	281.5	283.8	-110.66	-966.4	-8,592.4	635.9	104.2	531.69	1.196 Level 2		
17,600.0	7,149.0	17,968.1	7,373.4	284.3	286.6	-110.67	-967.5	-8,692.4	635.9	99.0	536.91	1.184 Level 2		
17,700.0	7,149.0	18,068.1	7,373.5	287.1	289.4	-110.68	-968.6	-8,792.4	635.9	93.8	542.12	1.173 Level 2		
17,800.0	7,149.0	18,168.1	7,373.6	289.9	292.2	-110.69	-969.7	-8,892.4	635.9	88.6	547.34	1.162 Level 2		
17,900.0	7,149.0	18,268.1	7,373.7	292.7	295.0	-110.69	-970.8	-8,992.4	636.0	83.4	552.55	1.151 Level 2		
18,000.0	7,149.0	18,368.1	7,373.8	295.5	297.8	-110.70	-971.9	-9,092.4	636.0	78.2	557.77	1.140 Level 2		
18,100.0	7,149.0	18,468.1	7,373.9	298.2	300.5	-110.71	-973.0	-9,192.3	636.0	73.0	562.98	1.130 Level 2		
18,152.4	7,149.0	18,520.5	7,374.0	299.7	302.0	-110.71	-973.6	-9,244.7	636.0	70.3	565.72	1.124 Level 2, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.74	-60.1	-0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	-179.74	-60.1	-0.3	60.1	59.9	0.22	267.450		
200.0	200.0	200.0	200.0	0.3	0.3	-179.74	-60.1	-0.3	60.1	59.4	0.67	89.150		
300.0	300.0	300.0	300.0	0.6	0.6	-179.74	-60.1	-0.3	60.1	59.0	1.12	53.490		
400.0	400.0	400.0	400.0	0.8	0.8	-179.74	-60.1	-0.3	60.1	58.5	1.57	38.207 CC, ES		
500.0	500.0	499.3	499.3	1.0	1.0	179.17	-60.7	0.9	60.7	58.7	2.00	30.305		
600.0	600.0	598.4	598.4	1.2	1.2	176.02	-62.4	4.3	62.6	60.2	2.43	25.784		
700.0	700.0	697.4	697.1	1.4	1.4	73.81	-65.3	10.1	65.7	62.9	2.85	23.039		
800.0	799.9	796.2	795.5	1.7	1.7	70.72	-69.3	18.1	69.8	66.5	3.29	21.254		
900.0	899.7	894.9	893.5	1.9	1.9	68.30	-74.4	28.4	74.8	71.1	3.75	19.962		
1,000.0	999.3	993.4	991.0	2.1	2.2	66.50	-80.6	40.9	80.5	76.3	4.24	18.989		
1,100.0	1,098.6	1,091.7	1,088.0	2.4	2.5	65.23	-87.9	55.7	87.0	82.2	4.78	18.217		
1,200.0	1,197.5	1,189.9	1,184.3	2.7	2.9	64.43	-96.3	72.6	94.1	88.8	5.36	17.569		
1,300.0	1,296.1	1,287.9	1,279.9	3.0	3.3	63.99	-105.8	91.7	101.9	95.9	5.99	16.996		
1,400.0	1,394.2	1,385.6	1,374.7	3.3	3.8	63.85	-116.4	113.0	110.2	103.5	6.70	16.465		
1,500.0	1,491.7	1,483.2	1,468.8	3.8	4.3	63.95	-128.0	136.3	119.2	111.8	7.47	15.959		
1,600.0	1,588.6	1,580.6	1,561.9	4.2	4.9	64.23	-140.7	161.8	128.8	120.5	8.33	15.469		
1,700.0	1,684.9	1,677.7	1,654.0	4.7	5.5	64.65	-154.4	189.3	139.0	129.7	9.27	14.988		
1,800.0	1,780.4	1,774.7	1,745.2	5.3	6.1	65.17	-169.1	218.8	149.8	139.5	10.32	14.520		
1,900.0	1,875.0	1,871.4	1,835.3	5.9	6.8	65.76	-184.7	250.4	161.2	149.8	11.46	14.065		
2,000.0	1,968.9	1,967.9	1,924.2	6.6	7.6	66.40	-201.4	283.8	173.3	160.5	12.72	13.626		
2,100.0	2,061.7	2,064.2	2,012.0	7.3	8.4	67.07	-219.0	319.2	185.9	171.8	14.07	13.209		
2,175.5	2,131.2	2,138.8	2,079.6	7.9	9.1	67.74	-233.1	347.5	195.5	180.3	15.20	12.862		
2,200.0	2,153.7	2,163.1	2,101.6	8.1	9.3	68.06	-237.6	356.7	198.5	182.9	15.58	12.741		
2,300.0	2,245.3	2,262.2	2,191.4	8.9	10.2	69.23	-256.3	394.4	210.9	193.8	17.16	12.290		
2,400.0	2,336.9	2,361.4	2,281.2	9.7	11.0	70.28	-275.0	432.0	223.4	204.7	18.77	11.902		
2,500.0	2,428.5	2,460.5	2,371.0	10.6	11.9	71.22	-293.7	469.6	236.0	215.6	20.41	11.566		
2,600.0	2,520.1	2,559.6	2,460.8	11.4	12.8	72.06	-312.4	507.2	248.6	226.6	22.05	11.273		
2,700.0	2,611.7	2,658.8	2,550.6	12.2	13.7	72.82	-331.1	544.8	261.3	237.6	23.72	11.017		
2,800.0	2,703.3	2,757.9	2,640.4	13.1	14.6	73.50	-349.8	582.4	274.0	248.6	25.39	10.792		
2,900.0	2,794.9	2,857.1	2,730.3	13.9	15.5	74.13	-368.5	620.0	286.7	259.7	27.07	10.592		
3,000.0	2,886.6	2,956.2	2,820.1	14.8	16.4	74.71	-387.2	657.6	299.5	270.8	28.76	10.414		
3,100.0	2,978.2	3,055.3	2,909.9	15.6	17.3	75.23	-405.9	695.2	312.3	281.9	30.46	10.255		
3,200.0	3,069.8	3,154.5	2,999.7	16.5	18.2	75.72	-424.6	732.8	325.1	293.0	32.16	10.111		
3,300.0	3,161.4	3,253.6	3,089.5	17.4	19.1	76.17	-443.3	770.4	338.0	304.1	33.86	9.982		
3,400.0	3,253.0	3,352.7	3,179.3	18.2	20.0	76.59	-462.0	808.0	350.9	315.3	35.57	9.864		
3,500.0	3,344.6	3,451.9	3,269.1	19.1	21.0	76.97	-480.7	845.6	363.7	326.5	37.28	9.757		
3,600.0	3,436.2	3,551.0	3,358.9	19.9	21.9	77.33	-499.4	883.2	376.6	337.7	39.00	9.659		
3,700.0	3,527.9	3,650.2	3,448.7	20.8	22.8	77.67	-518.1	920.8	389.6	348.8	40.71	9.569		
3,800.0	3,619.5	3,749.3	3,538.5	21.7	23.7	77.98	-536.8	958.4	402.5	360.1	42.43	9.486		
3,900.0	3,711.1	3,848.4	3,628.3	22.5	24.6	78.28	-555.5	996.0	415.4	371.3	44.15	9.409		
4,000.0	3,802.7	3,947.6	3,718.1	23.4	25.5	78.56	-574.2	1,033.6	428.4	382.5	45.87	9.338		
4,100.0	3,894.3	4,046.7	3,807.9	24.3	26.4	78.82	-592.9	1,071.2	441.3	393.7	47.60	9.272		
4,200.0	3,985.9	4,145.8	3,897.7	25.1	27.3	79.07	-611.6	1,108.8	454.3	405.0	49.32	9.211		
4,300.0	4,077.5	4,245.0	3,987.5	26.0	28.3	79.30	-630.3	1,146.4	467.3	416.2	51.05	9.154		
4,400.0	4,169.1	4,344.1	4,077.3	26.9	29.2	79.52	-649.0	1,184.0	480.2	427.5	52.77	9.100		
4,500.0	4,260.8	4,443.3	4,167.1	27.7	30.1	79.73	-667.7	1,221.6	493.2	438.7	54.50	9.050		
4,600.0	4,352.4	4,542.4	4,256.9	28.6	31.0	79.92	-686.4	1,259.3	506.2	450.0	56.23	9.003		
4,700.0	4,444.0	4,641.5	4,346.7	29.5	31.9	80.11	-705.1	1,296.9	519.2	461.3	57.96	8.959		
4,800.0	4,535.6	4,740.7	4,436.5	30.3	32.8	80.29	-723.8	1,334.5	532.2	472.5	59.69	8.917		
4,900.0	4,627.2	4,839.8	4,526.3	31.2	33.7	80.46	-742.5	1,372.1	545.2	483.8	61.42	8.878		
5,000.0	4,718.8	4,938.9	4,616.1	32.1	34.7	80.62	-761.2	1,409.7	558.2	495.1	63.15	8.840		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,038.1	4,705.9	32.9	35.6	80.78	-779.9	1,447.3	571.3	506.4	64.88	8.805		
5,144.9	4,851.6	5,082.6	4,746.3	33.3	36.0	80.85	-788.3	1,464.2	577.1	511.4	65.66	8.790		
5,200.0	4,902.3	5,138.2	4,796.6	33.7	36.5	81.02	-798.7	1,485.2	584.3	517.8	66.57	8.778		
5,300.0	4,995.3	5,247.1	4,896.3	34.4	37.3	81.26	-818.2	1,524.5	597.0	529.0	68.00	8.779		
5,400.0	5,089.5	5,356.3	4,997.8	35.0	38.0	81.48	-836.1	1,560.4	608.5	539.2	69.26	8.785		
5,500.0	5,184.9	5,465.9	5,101.2	35.5	38.6	81.67	-852.3	1,593.0	618.9	548.5	70.40	8.790		
5,600.0	5,281.2	5,575.8	5,206.2	35.9	39.2	81.83	-866.8	1,622.1	628.1	556.7	71.42	8.794		
5,700.0	5,378.4	5,685.9	5,312.6	36.4	39.7	81.98	-879.4	1,647.6	636.2	563.9	72.32	8.797		
5,800.0	5,476.4	5,796.3	5,420.2	36.7	40.1	82.10	-890.3	1,669.4	643.1	570.0	73.09	8.799		
5,900.0	5,575.0	5,906.9	5,528.9	37.0	40.4	82.20	-899.4	1,687.6	648.9	575.1	73.75	8.799		
6,000.0	5,674.2	6,017.7	5,638.5	37.2	40.7	82.28	-906.5	1,702.0	653.4	579.1	74.28	8.797		
6,100.0	5,773.7	6,128.6	5,748.8	37.4	41.0	82.33	-911.8	1,712.6	656.8	582.1	74.70	8.792		
6,200.0	5,873.5	6,239.6	5,859.5	37.6	41.1	82.37	-915.2	1,719.4	658.9	583.9	75.01	8.784		
6,300.0	5,973.5	6,350.6	5,970.5	37.7	41.2	82.39	-916.6	1,722.4	659.8	584.6	75.22	8.772		
6,326.5	6,000.0	6,380.1	6,000.0	37.7	41.3	-179.18	-916.7	1,722.5	659.9	618.2	41.64	15.846		
6,400.0	6,073.5	6,453.6	6,073.5	37.8	41.3	-179.18	-916.7	1,722.5	659.9	618.1	41.82	15.779		
6,500.0	6,173.5	6,553.6	6,173.5	37.8	41.4	-179.18	-916.7	1,722.5	659.9	617.8	42.06	15.688		
6,600.0	6,273.5	6,653.6	6,273.5	37.9	41.4	-179.18	-916.7	1,722.5	659.9	617.6	42.31	15.596		
6,700.0	6,373.5	6,753.6	6,373.5	38.0	41.5	-179.18	-916.7	1,722.5	659.9	617.3	42.56	15.504		
6,759.5	6,433.0	6,813.1	6,433.0	38.0	41.5	-179.18	-916.7	1,722.5	659.9	617.2	42.71	15.449		
6,800.0	6,473.4	6,852.6	6,472.5	38.0	41.6	-88.54	-916.7	1,721.4	659.9	583.9	75.94	8.689		
6,850.0	6,523.2	6,901.5	6,521.2	38.0	41.5	-88.55	-916.8	1,717.1	659.9	584.0	75.90	8.694		
6,887.4	6,560.2	6,938.1	6,557.3	38.0	41.5	-88.56	-916.8	1,711.6	659.9	584.1	75.82	8.703		
6,900.0	6,572.6	6,950.0	6,569.0	38.0	41.5	-88.56	-916.9	1,709.5	659.9	584.1	75.79	8.706		
6,950.0	6,621.2	6,999.2	6,617.0	37.9	41.4	-88.59	-917.0	1,698.5	659.9	584.3	75.61	8.727		
7,000.0	6,669.0	7,048.1	6,663.8	37.8	41.3	-88.62	-917.1	1,684.3	659.9	584.5	75.39	8.753		
7,050.0	6,715.6	7,097.1	6,709.6	37.7	41.2	-88.65	-917.3	1,667.0	659.8	584.7	75.12	8.784		
7,100.0	6,760.8	7,146.0	6,754.0	37.5	41.1	-88.70	-917.6	1,646.5	659.8	585.0	74.82	8.819		
7,150.0	6,804.4	7,195.0	6,797.0	37.4	41.0	-88.75	-917.8	1,623.1	659.8	585.3	74.51	8.856		
7,200.0	6,846.2	7,244.0	6,838.4	37.2	40.8	-88.80	-918.1	1,596.7	659.8	585.6	74.19	8.893		
7,250.0	6,886.0	7,293.1	6,877.8	37.1	40.7	-88.86	-918.4	1,567.6	659.8	585.9	73.89	8.930		
7,300.0	6,923.6	7,342.2	6,915.3	37.0	40.6	-88.93	-918.8	1,535.8	659.8	586.2	73.60	8.964		
7,350.0	6,958.8	7,391.4	6,950.4	36.9	40.5	-89.00	-919.2	1,501.4	659.8	586.4	73.36	8.994		
7,400.0	6,991.4	7,440.6	6,983.2	36.8	40.4	-89.08	-919.6	1,464.7	659.8	586.6	73.16	9.018		
7,450.0	7,021.3	7,489.9	7,013.4	36.7	40.3	-89.16	-920.0	1,425.8	659.7	586.7	73.02	9.035		
7,500.0	7,048.3	7,539.3	7,040.9	36.7	40.2	-89.24	-920.5	1,384.8	659.7	586.8	72.96	9.042		
7,550.0	7,072.4	7,588.7	7,065.6	36.8	40.2	-89.33	-921.0	1,342.0	659.7	586.7	72.98	9.040		
7,600.0	7,093.3	7,638.2	7,087.2	36.8	40.2	-89.42	-921.5	1,297.5	659.7	586.6	73.08	9.027		
7,650.0	7,111.0	7,687.7	7,105.8	36.9	40.2	-89.52	-922.0	1,251.6	659.7	586.4	73.28	9.003		
7,700.0	7,125.4	7,737.4	7,121.1	37.1	40.3	-89.61	-922.5	1,204.4	659.7	586.1	73.57	8.967		
7,750.0	7,136.5	7,787.1	7,133.2	37.3	40.4	-89.71	-923.0	1,156.1	659.7	585.7	73.96	8.920		
7,800.0	7,144.0	7,836.9	7,141.9	37.5	40.5	-89.81	-923.6	1,107.1	659.7	585.2	74.43	8.863		
7,850.0	7,148.2	7,886.8	7,147.2	37.8	40.6	-89.91	-924.1	1,057.6	659.7	584.7	74.99	8.797		
7,884.3	7,149.0	7,921.0	7,148.8	38.0	40.7	-89.98	-924.5	1,023.4	659.7	584.2	75.42	8.747		
7,884.4	7,149.0	7,921.1	7,148.8	38.0	40.8	-89.98	-924.5	1,023.3	659.7	584.2	75.42	8.747		
7,884.4	7,149.0	7,921.2	7,148.8	38.0	40.8	-89.98	-924.5	1,023.2	659.7	584.2	75.42	8.747		
7,885.3	7,149.0	7,922.1	7,148.8	38.0	40.8	-89.98	-924.5	1,022.3	659.7	584.2	75.43	8.745		
7,900.0	7,149.0	7,936.7	7,149.0	38.1	40.8	-90.00	-924.7	1,007.6	659.7	584.0	75.63	8.723		
8,000.0	7,149.0	8,036.8	7,149.0	38.9	41.3	-90.00	-925.8	907.6	659.7	582.5	77.21	8.544		
8,100.0	7,149.0	8,136.8	7,149.0	39.8	41.9	-90.00	-926.9	807.6	659.7	580.5	79.12	8.337		
8,200.0	7,149.0	8,236.8	7,149.0	40.9	42.8	-90.00	-928.0	707.6	659.7	578.3	81.39	8.105		
8,300.0	7,149.0	8,336.8	7,149.0	42.2	43.7	-90.00	-929.1	607.6	659.7	575.7	83.96	7.857		

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 TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	7,149.0	8,436.8	7,149.0	43.6	44.9	-90.00	-930.2	507.6	659.7	572.8	86.83	7.597		
8,500.0	7,149.0	8,536.8	7,149.0	45.2	46.2	-90.00	-931.4	407.6	659.7	569.7	89.95	7.333		
8,600.0	7,149.0	8,636.8	7,149.0	46.8	47.7	-90.00	-932.5	307.6	659.7	566.4	93.31	7.069		
8,700.0	7,149.0	8,736.8	7,149.0	48.6	49.3	-90.00	-933.6	207.6	659.7	562.8	96.88	6.809		
8,800.0	7,149.0	8,836.8	7,149.0	50.5	51.0	-90.00	-934.7	107.6	659.7	559.0	100.64	6.555		
8,900.0	7,149.0	8,936.8	7,149.0	52.5	52.8	-90.00	-935.8	7.7	659.7	555.1	104.56	6.309		
9,000.0	7,149.0	9,036.8	7,149.0	54.5	54.7	-90.00	-936.9	-92.3	659.7	551.0	108.64	6.072		
9,100.0	7,149.0	9,136.8	7,149.0	56.6	56.7	-90.00	-938.0	-192.3	659.7	546.8	112.84	5.846		
9,200.0	7,149.0	9,236.8	7,149.0	58.8	58.8	-90.00	-939.1	-292.3	659.7	542.5	117.17	5.630		
9,300.0	7,149.0	9,336.8	7,149.0	61.0	60.9	-90.00	-940.2	-392.3	659.7	538.1	121.60	5.425		
9,400.0	7,149.0	9,436.8	7,149.0	63.2	63.2	-90.00	-941.3	-492.3	659.7	533.6	126.12	5.231		
9,500.0	7,149.0	9,536.8	7,149.0	65.5	65.4	-90.00	-942.5	-592.3	659.7	529.0	130.73	5.046		
9,600.0	7,149.0	9,636.8	7,149.0	67.9	67.7	-90.00	-943.6	-692.3	659.7	524.3	135.42	4.871		
9,700.0	7,149.0	9,736.8	7,149.0	70.3	70.1	-90.00	-944.7	-792.3	659.7	519.5	140.18	4.706		
9,800.0	7,149.0	9,836.8	7,149.0	72.7	72.4	-90.00	-945.8	-892.3	659.7	514.7	144.99	4.550		
9,900.0	7,149.0	9,936.8	7,149.0	75.1	74.9	-90.00	-946.9	-992.3	659.7	509.8	149.87	4.402		
10,000.0	7,149.0	10,036.8	7,149.0	77.6	77.3	-90.00	-948.0	-1,092.3	659.7	504.9	154.79	4.262		
10,100.0	7,149.0	10,136.8	7,149.0	80.1	79.8	-90.00	-949.1	-1,192.3	659.7	499.9	159.76	4.129		
10,200.0	7,149.0	10,236.8	7,149.0	82.6	82.3	-90.00	-950.2	-1,292.3	659.7	494.9	164.77	4.004		
10,300.0	7,149.0	10,336.8	7,149.0	85.1	84.8	-90.00	-951.3	-1,392.3	659.7	489.9	169.82	3.885		
10,400.0	7,149.0	10,436.8	7,149.0	87.6	87.3	-90.00	-952.4	-1,492.3	659.7	484.8	174.91	3.772		
10,500.0	7,149.0	10,536.8	7,149.0	90.2	89.8	-90.00	-953.5	-1,592.2	659.7	479.7	180.02	3.665		
10,600.0	7,149.0	10,636.8	7,149.0	92.8	92.4	-90.00	-954.7	-1,692.2	659.7	474.5	185.17	3.563		
10,700.0	7,149.0	10,736.8	7,149.0	95.4	95.0	-90.00	-955.8	-1,792.2	659.7	469.4	190.34	3.466		
10,800.0	7,149.0	10,836.8	7,149.0	98.0	97.6	-90.00	-956.9	-1,892.2	659.7	464.2	195.54	3.374		
10,900.0	7,149.0	10,936.8	7,149.0	100.6	100.2	-90.00	-958.0	-1,992.2	659.7	459.0	200.76	3.286		
11,000.0	7,149.0	11,036.8	7,149.0	103.2	102.8	-90.00	-959.1	-2,092.2	659.7	453.7	206.00	3.203		
11,100.0	7,149.0	11,136.8	7,149.0	105.8	105.4	-90.00	-960.2	-2,192.2	659.7	448.5	211.26	3.123		
11,200.0	7,149.0	11,236.8	7,149.0	108.5	108.1	-90.00	-961.3	-2,292.2	659.7	443.2	216.54	3.047		
11,300.0	7,149.0	11,336.8	7,149.0	111.1	110.7	-90.00	-962.4	-2,392.2	659.7	437.9	221.83	2.974		
11,400.0	7,149.0	11,436.8	7,149.0	113.8	113.4	-90.00	-963.5	-2,492.2	659.7	432.6	227.14	2.904		
11,500.0	7,149.0	11,536.8	7,149.0	116.4	116.0	-90.00	-964.6	-2,592.2	659.7	427.2	232.47	2.838		
11,600.0	7,149.0	11,636.8	7,149.0	119.1	118.7	-90.00	-965.8	-2,692.2	659.7	421.9	237.81	2.774		
11,700.0	7,149.0	11,736.8	7,149.0	121.8	121.4	-90.00	-966.9	-2,792.2	659.7	416.6	243.16	2.713		
11,800.0	7,149.0	11,836.8	7,149.0	124.5	124.1	-90.00	-968.0	-2,892.2	659.7	411.2	248.52	2.655		
11,900.0	7,149.0	11,936.8	7,149.0	127.2	126.7	-90.00	-969.1	-2,992.2	659.7	405.8	253.90	2.598		
12,000.0	7,149.0	12,036.8	7,149.0	129.9	129.4	-90.00	-970.2	-3,092.2	659.7	400.4	259.28	2.544		
12,100.0	7,149.0	12,136.8	7,149.0	132.5	132.1	-90.00	-971.3	-3,192.1	659.7	395.0	264.68	2.493		
12,200.0	7,149.0	12,236.8	7,149.0	135.3	134.8	-90.00	-972.4	-3,292.1	659.7	389.6	270.08	2.443		
12,300.0	7,149.0	12,336.8	7,149.0	138.0	137.5	-90.00	-973.5	-3,392.1	659.7	384.2	275.49	2.395		
12,400.0	7,149.0	12,436.8	7,149.0	140.7	140.2	-90.00	-974.6	-3,492.1	659.7	378.8	280.91	2.349		
12,500.0	7,149.0	12,536.8	7,149.0	143.4	143.0	-90.00	-975.7	-3,592.1	659.7	373.4	286.34	2.304		
12,600.0	7,149.0	12,636.8	7,149.0	146.1	145.7	-90.00	-976.9	-3,692.1	659.7	368.0	291.78	2.261		
12,700.0	7,149.0	12,736.8	7,149.0	148.8	148.4	-90.00	-978.0	-3,792.1	659.7	362.5	297.22	2.220		
12,800.0	7,149.0	12,836.8	7,149.0	151.6	151.1	-90.00	-979.1	-3,892.1	659.7	357.1	302.67	2.180		
12,900.0	7,149.0	12,936.8	7,149.0	154.3	153.8	-90.00	-980.2	-3,992.1	659.7	351.6	308.12	2.141		
13,000.0	7,149.0	13,036.8	7,149.0	157.0	156.6	-90.00	-981.3	-4,092.1	659.7	346.2	313.58	2.104		
13,100.0	7,149.0	13,136.8	7,149.0	159.7	159.3	-90.00	-982.4	-4,192.1	659.7	340.7	319.05	2.068		
13,200.0	7,149.0	13,236.8	7,149.0	162.5	162.0	-90.00	-983.5	-4,292.1	659.7	335.2	324.52	2.033		
13,300.0	7,149.0	13,336.8	7,149.0	165.2	164.8	-90.00	-984.6	-4,392.1	659.7	329.7	330.00	1.999		
13,400.0	7,149.0	13,436.8	7,149.0	168.0	167.5	-90.00	-985.7	-4,492.1	659.7	324.3	335.48	1.967		
13,500.0	7,149.0	13,536.8	7,149.0	170.7	170.3	-90.00	-986.8	-4,592.1	659.7	318.8	340.97	1.935		

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 TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.0	7,149.0	13,636.8	7,149.0	173.4	173.0	-90.00	-987.9	-4,692.1	659.7	313.3	346.46	1.904		
13,700.0	7,149.0	13,736.8	7,149.0	176.2	175.8	-90.00	-989.1	-4,792.1	659.7	307.8	351.95	1.875		
13,800.0	7,149.0	13,836.8	7,149.0	178.9	178.5	-90.00	-990.2	-4,892.0	659.7	302.3	357.45	1.846		
13,900.0	7,149.0	13,936.8	7,149.0	181.7	181.3	-90.00	-991.3	-4,992.0	659.7	296.8	362.95	1.818		
14,000.0	7,149.0	14,036.8	7,149.0	184.5	184.0	-90.00	-992.4	-5,092.0	659.8	291.3	368.46	1.791		
14,100.0	7,149.0	14,136.8	7,149.0	187.2	186.8	-90.00	-993.5	-5,192.0	659.8	285.8	373.96	1.764		
14,200.0	7,149.0	14,236.8	7,149.0	190.0	189.5	-90.00	-994.6	-5,292.0	659.8	280.3	379.48	1.739		
14,300.0	7,149.0	14,336.8	7,149.0	192.7	192.3	-90.00	-995.7	-5,392.0	659.8	274.8	384.99	1.714		
14,400.0	7,149.0	14,436.8	7,149.0	195.5	195.0	-90.00	-996.8	-5,492.0	659.8	269.2	390.51	1.689		
14,500.0	7,149.0	14,536.8	7,149.0	198.2	197.8	-90.00	-997.9	-5,592.0	659.8	263.7	396.03	1.666		
14,600.0	7,149.0	14,636.8	7,149.0	201.0	200.6	-90.00	-999.0	-5,692.0	659.8	258.2	401.55	1.643		
14,700.0	7,149.0	14,736.8	7,149.0	203.8	203.3	-90.00	-1,000.2	-5,792.0	659.8	252.7	407.08	1.621		
14,800.0	7,149.0	14,836.8	7,149.0	206.5	206.1	-90.00	-1,001.3	-5,892.0	659.8	247.2	412.61	1.599		
14,900.0	7,149.0	14,936.8	7,149.0	209.3	208.9	-90.00	-1,002.4	-5,992.0	659.8	241.6	418.14	1.578		
15,000.0	7,149.0	15,036.8	7,149.0	212.1	211.6	-90.00	-1,003.5	-6,092.0	659.8	236.1	423.68	1.557		
15,100.0	7,149.0	15,136.8	7,149.0	214.8	214.4	-90.00	-1,004.6	-6,192.0	659.8	230.6	429.21	1.537		
15,200.0	7,149.0	15,236.8	7,149.0	217.6	217.2	-90.00	-1,005.7	-6,292.0	659.8	225.0	434.75	1.518		
15,300.0	7,149.0	15,336.8	7,149.0	220.4	219.9	-90.00	-1,006.8	-6,392.0	659.8	219.5	440.29	1.498 Level 3		
15,400.0	7,149.0	15,436.8	7,149.0	223.1	222.7	-90.00	-1,007.9	-6,491.9	659.8	213.9	445.83	1.480 Level 3		
15,500.0	7,149.0	15,536.8	7,149.0	225.9	225.5	-90.00	-1,009.0	-6,591.9	659.8	208.4	451.38	1.462 Level 3		
15,600.0	7,149.0	15,636.8	7,149.0	228.7	228.2	-90.00	-1,010.1	-6,691.9	659.8	202.9	456.92	1.444 Level 3		
15,700.0	7,149.0	15,736.8	7,149.0	231.5	231.0	-90.00	-1,011.2	-6,791.9	659.8	197.3	462.47	1.427 Level 3		
15,800.0	7,149.0	15,836.8	7,149.0	234.2	233.8	-90.00	-1,012.4	-6,891.9	659.8	191.8	468.02	1.410 Level 3		
15,900.0	7,149.0	15,936.8	7,149.0	237.0	236.6	-90.00	-1,013.5	-6,991.9	659.8	186.2	473.57	1.393 Level 3		
16,000.0	7,149.0	16,036.8	7,149.0	239.8	239.3	-90.00	-1,014.6	-7,091.9	659.8	180.7	479.12	1.377 Level 3		
16,100.0	7,149.0	16,136.8	7,149.0	242.6	242.1	-90.00	-1,015.7	-7,191.9	659.8	175.1	484.68	1.361 Level 3		
16,200.0	7,149.0	16,236.8	7,149.0	245.3	244.9	-90.00	-1,016.8	-7,291.9	659.8	169.5	490.23	1.346 Level 3		
16,300.0	7,149.0	16,336.8	7,149.0	248.1	247.7	-90.00	-1,017.9	-7,391.9	659.8	164.0	495.79	1.331 Level 3		
16,400.0	7,149.0	16,436.8	7,149.0	250.9	250.5	-90.00	-1,019.0	-7,491.9	659.8	158.4	501.35	1.316 Level 3		
16,500.0	7,149.0	16,536.8	7,149.0	253.7	253.2	-90.00	-1,020.1	-7,591.9	659.8	152.9	506.91	1.302 Level 3		
16,600.0	7,149.0	16,636.8	7,149.0	256.5	256.0	-90.00	-1,021.2	-7,691.9	659.8	147.3	512.47	1.287 Level 3		
16,700.0	7,149.0	16,736.8	7,149.0	259.2	258.8	-90.00	-1,022.3	-7,791.9	659.8	141.8	518.03	1.274 Level 3		
16,800.0	7,149.0	16,836.8	7,149.0	262.0	261.6	-90.00	-1,023.5	-7,891.9	659.8	136.2	523.60	1.260 Level 3		
16,900.0	7,149.0	16,936.8	7,149.0	264.8	264.4	-90.00	-1,024.6	-7,991.9	659.8	130.6	529.16	1.247 Level 2		
17,000.0	7,149.0	17,036.8	7,149.0	267.6	267.1	-90.00	-1,025.7	-8,091.8	659.8	125.1	534.73	1.234 Level 2		
17,100.0	7,149.0	17,136.8	7,149.0	270.4	269.9	-90.00	-1,026.8	-8,191.8	659.8	119.5	540.29	1.221 Level 2		
17,200.0	7,149.0	17,236.8	7,149.0	273.2	272.7	-90.00	-1,027.9	-8,291.8	659.8	113.9	545.86	1.209 Level 2		
17,300.0	7,149.0	17,336.8	7,149.0	275.9	275.5	-90.00	-1,029.0	-8,391.8	659.8	108.4	551.43	1.197 Level 2		
17,400.0	7,149.0	17,436.8	7,149.0	278.7	278.3	-90.00	-1,030.1	-8,491.8	659.8	102.8	557.00	1.185 Level 2		
17,500.0	7,149.0	17,536.8	7,149.0	281.5	281.1	-90.00	-1,031.2	-8,591.8	659.8	97.2	562.57	1.173 Level 2		
17,600.0	7,149.0	17,636.8	7,149.0	284.3	283.8	-90.00	-1,032.3	-8,691.8	659.8	91.7	568.14	1.161 Level 2		
17,700.0	7,149.0	17,736.8	7,149.0	287.1	286.6	-90.00	-1,033.4	-8,791.8	659.8	86.1	573.72	1.150 Level 2		
17,800.0	7,149.0	17,836.8	7,149.0	289.9	289.4	-90.00	-1,034.6	-8,891.8	659.8	80.5	579.29	1.139 Level 2		
17,900.0	7,149.0	17,936.8	7,149.0	292.7	292.2	-90.00	-1,035.7	-8,991.8	659.8	74.9	584.87	1.128 Level 2		
18,000.0	7,149.0	18,036.8	7,149.0	295.5	295.0	-90.00	-1,036.8	-9,091.8	659.8	69.4	590.44	1.117 Level 2		
18,100.0	7,149.0	18,136.8	7,149.0	298.2	297.8	-90.00	-1,037.9	-9,191.8	659.8	63.8	596.02	1.107 Level 2		
18,152.4	7,149.0	18,189.2	7,149.0	299.7	299.2	-90.00	-1,038.5	-9,244.2	659.8	60.9	598.94	1.102 Level 2, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-179.79	-75.1	-0.3	75.1					
100.0	100.0	100.0	100.0	0.1	0.1	-179.79	-75.1	-0.3	75.1	74.8	0.22	333.906		
200.0	200.0	200.0	200.0	0.3	0.3	-179.79	-75.1	-0.3	75.1	74.4	0.67	111.302 CC, ES		
300.0	300.0	299.1	299.1	0.6	0.5	179.35	-75.6	0.9	75.7	74.5	1.11	68.420		
400.0	400.0	398.0	398.0	0.8	0.8	176.83	-77.4	4.3	77.6	76.0	1.54	50.357		
500.0	500.0	496.7	496.4	1.0	1.0	172.93	-80.3	10.0	81.0	79.0	1.99	40.710		
600.0	600.0	595.0	594.3	1.2	1.2	168.06	-84.4	17.9	86.5	84.0	2.46	35.164		
700.0	700.0	693.0	691.6	1.4	1.5	64.86	-89.6	27.9	93.7	90.8	2.92	32.132		
800.0	799.9	790.6	788.2	1.7	1.8	61.09	-96.0	40.2	102.1	98.7	3.38	30.211		
900.0	899.7	888.0	884.2	1.9	2.2	58.20	-103.4	54.6	111.5	107.6	3.87	28.829		
1,000.0	999.3	985.0	979.5	2.1	2.6	56.03	-111.9	71.1	121.6	117.2	4.38	27.768		
1,100.0	1,098.6	1,081.8	1,074.0	2.4	3.0	54.45	-121.6	89.7	132.4	127.5	4.92	26.894		
1,200.0	1,197.5	1,178.3	1,167.6	2.7	3.5	53.35	-132.2	110.4	143.8	138.3	5.51	26.124		
1,300.0	1,296.1	1,274.4	1,260.3	3.0	4.0	52.63	-144.0	133.1	155.8	149.6	6.13	25.405		
1,400.0	1,394.2	1,370.3	1,352.1	3.3	4.5	52.21	-156.7	157.8	168.2	161.4	6.81	24.710		
1,500.0	1,491.7	1,465.8	1,442.8	3.8	5.1	52.04	-170.4	184.4	181.1	173.6	7.54	24.015		
1,600.0	1,588.6	1,561.0	1,532.4	4.2	5.8	52.06	-185.2	212.9	194.5	186.1	8.34	23.312		
1,700.0	1,684.9	1,655.9	1,620.9	4.7	6.5	52.23	-200.9	243.3	208.3	199.1	9.22	22.602		
1,800.0	1,780.4	1,750.5	1,708.3	5.3	7.2	52.52	-217.5	275.5	222.6	212.4	10.17	21.886		
1,900.0	1,875.0	1,844.8	1,794.4	5.9	8.0	52.91	-235.1	309.5	237.3	226.1	11.21	21.170		
2,000.0	1,968.9	1,938.7	1,879.3	6.6	8.9	53.37	-253.6	345.3	252.4	240.1	12.34	20.462		
2,100.0	2,061.7	2,036.3	1,966.7	7.3	9.8	54.01	-273.5	383.8	267.5	253.9	13.60	19.675		
2,175.5	2,131.2	2,110.9	2,033.6	7.9	10.5	54.75	-288.7	413.3	278.0	263.3	14.64	18.990		
2,200.0	2,153.7	2,135.2	2,055.3	8.1	10.7	55.05	-293.7	422.9	281.2	266.2	14.99	18.758		
2,300.0	2,245.3	2,234.1	2,143.9	8.9	11.7	56.23	-313.9	462.0	294.6	278.2	16.47	17.890		
2,400.0	2,336.9	2,333.0	2,232.4	9.7	12.6	57.31	-334.1	501.1	308.2	290.2	17.98	17.137		
2,500.0	2,428.5	2,431.9	2,321.0	10.6	13.6	58.29	-354.3	540.1	321.8	302.2	19.52	16.482		
2,600.0	2,520.1	2,530.9	2,409.6	11.4	14.5	59.20	-374.5	579.2	335.5	314.4	21.09	15.909		
2,700.0	2,611.7	2,629.8	2,498.2	12.2	15.5	60.03	-394.7	618.3	349.3	326.6	22.67	15.405		
2,800.0	2,703.3	2,728.7	2,586.8	13.1	16.4	60.80	-414.9	657.4	363.1	338.8	24.27	14.959		
2,900.0	2,794.9	2,827.6	2,675.4	13.9	17.4	61.52	-435.1	696.5	377.0	351.1	25.89	14.563		
3,000.0	2,886.6	2,926.5	2,764.0	14.8	18.3	62.18	-455.3	735.6	391.0	363.5	27.52	14.209		
3,100.0	2,978.2	3,025.5	2,852.6	15.6	19.3	62.80	-475.5	774.7	405.0	375.8	29.15	13.891		
3,200.0	3,069.8	3,124.4	2,941.2	16.5	20.2	63.37	-495.7	813.8	419.1	388.3	30.80	13.605		
3,300.0	3,161.4	3,223.3	3,029.8	17.4	21.2	63.91	-515.8	852.9	433.1	400.7	32.45	13.346		
3,400.0	3,253.0	3,322.2	3,118.4	18.2	22.2	64.42	-536.0	892.0	447.3	413.2	34.12	13.111		
3,500.0	3,344.6	3,421.2	3,207.0	19.1	23.1	64.89	-556.2	931.1	461.4	425.7	35.78	12.896		
3,600.0	3,436.2	3,520.1	3,295.6	19.9	24.1	65.34	-576.4	970.2	475.6	438.2	37.45	12.700		
3,700.0	3,527.9	3,619.0	3,384.2	20.8	25.0	65.76	-596.6	1,009.3	489.8	450.7	39.13	12.519		
3,800.0	3,619.5	3,717.9	3,472.8	21.7	26.0	66.15	-616.8	1,048.4	504.1	463.3	40.81	12.353		
3,900.0	3,711.1	3,816.8	3,561.4	22.5	27.0	66.53	-637.0	1,087.5	518.4	475.9	42.49	12.199		
4,000.0	3,802.7	3,915.8	3,650.0	23.4	27.9	66.88	-657.2	1,126.6	532.6	488.5	44.18	12.057		
4,100.0	3,894.3	4,014.7	3,738.6	24.3	28.9	67.22	-677.4	1,165.7	546.9	501.1	45.87	11.925		
4,200.0	3,985.9	4,113.6	3,827.2	25.1	29.9	67.54	-697.6	1,204.8	561.3	513.7	47.56	11.802		
4,300.0	4,077.5	4,212.5	3,915.8	26.0	30.8	67.84	-717.8	1,243.9	575.6	526.3	49.25	11.687		
4,400.0	4,169.1	4,311.5	4,004.4	26.9	31.8	68.13	-738.0	1,283.0	589.9	539.0	50.95	11.580		
4,500.0	4,260.8	4,410.4	4,092.9	27.7	32.7	68.40	-758.2	1,322.1	604.3	551.7	52.64	11.480		
4,600.0	4,352.4	4,509.3	4,181.5	28.6	33.7	68.67	-778.4	1,361.2	618.7	564.4	54.34	11.385		
4,700.0	4,444.0	4,608.2	4,270.1	29.5	34.7	68.91	-798.6	1,400.3	633.1	577.0	56.04	11.297		
4,800.0	4,535.6	4,707.1	4,358.7	30.3	35.6	69.15	-818.8	1,439.4	647.5	589.7	57.74	11.213		
4,900.0	4,627.2	4,806.1	4,447.3	31.2	36.6	69.38	-839.0	1,478.5	661.9	602.5	59.45	11.134		
5,000.0	4,718.8	4,905.0	4,535.9	32.1	37.6	69.60	-859.2	1,517.5	676.3	615.2	61.15	11.060		

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 TA-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 TA-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 #2 (10-27-17)	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	4,810.4	5,003.9	4,624.5	32.9	38.5	69.81	-879.4	1,556.6	690.8	627.9	62.86	10.989		
5,144.9	4,851.6	5,055.8	4,671.2	33.3	39.0	69.95	-889.8	1,576.8	697.0	633.4	63.66	10.950		
5,200.0	4,902.3	5,119.8	4,729.3	33.7	39.5	70.28	-902.1	1,600.6	704.2	639.6	64.62	10.898		
5,300.0	4,995.3	5,236.3	4,836.6	34.4	40.3	70.86	-923.0	1,641.0	716.3	650.2	66.13	10.831		
5,400.0	5,089.5	5,353.1	4,945.9	35.0	41.0	71.40	-941.9	1,677.5	727.1	659.6	67.52	10.769		
5,500.0	5,184.9	5,470.3	5,057.2	35.5	41.6	71.91	-958.8	1,710.2	736.7	667.9	68.77	10.711		
5,600.0	5,281.2	5,587.8	5,170.1	35.9	42.2	72.37	-973.6	1,738.8	744.9	675.0	69.90	10.657		
5,700.0	5,378.4	5,705.4	5,284.4	36.4	42.7	72.81	-986.2	1,763.4	751.8	680.9	70.89	10.605		
5,800.0	5,476.4	5,823.2	5,400.0	36.7	43.1	73.21	-996.8	1,783.8	757.4	685.7	71.75	10.556		
5,900.0	5,575.0	5,941.1	5,516.4	37.0	43.4	73.59	-1,005.1	1,799.9	761.6	689.1	72.49	10.507		
6,000.0	5,674.2	6,059.0	5,633.5	37.2	43.6	73.94	-1,011.3	1,811.8	764.5	691.4	73.10	10.458		
6,100.0	5,773.7	6,176.8	5,751.1	37.4	43.8	74.26	-1,015.2	1,819.4	766.0	692.4	73.60	10.408		
6,200.0	5,873.5	6,294.6	5,868.8	37.6	43.9	74.56	-1,016.9	1,822.7	766.1	692.1	73.98	10.356		
6,300.0	5,973.5	6,399.3	5,973.5	37.7	44.0	74.74	-1,017.0	1,822.8	765.5	691.3	74.22	10.314		
6,326.5	6,000.0	6,425.8	6,000.0	37.7	44.0	173.19	-1,017.0	1,822.8	765.5	717.3	48.16	15.893		
6,400.0	6,073.5	6,499.3	6,073.5	37.8	44.0	173.19	-1,017.0	1,822.8	765.5	717.1	48.32	15.842		
6,500.0	6,173.5	6,599.3	6,173.5	37.8	44.1	173.19	-1,017.0	1,822.8	765.5	716.9	48.53	15.771		
6,600.0	6,273.5	6,699.3	6,273.5	37.9	44.2	173.19	-1,017.0	1,822.8	765.5	716.7	48.75	15.700		
6,700.0	6,373.5	6,799.3	6,373.5	38.0	44.2	173.19	-1,017.0	1,822.8	765.5	716.5	48.98	15.629		
6,759.5	6,433.0	6,858.8	6,433.0	38.0	44.3	173.19	-1,017.0	1,822.8	765.5	716.3	49.11	15.587		
6,800.0	6,473.4	6,899.2	6,473.4	38.0	44.3	-96.25	-1,017.0	1,822.8	765.6	690.7	74.91	10.220		
6,850.0	6,523.2	6,953.2	6,527.4	38.0	44.3	-96.53	-1,017.0	1,822.0	766.0	691.2	74.78	10.244		
6,900.0	6,572.6	7,010.2	6,584.1	38.0	44.3	-96.80	-1,017.0	1,817.0	766.4	691.9	74.57	10.278		
6,950.0	6,621.2	7,067.5	6,640.6	37.9	44.2	-97.04	-1,017.1	1,807.4	766.8	692.5	74.33	10.317		
7,000.0	6,669.0	7,125.1	6,696.5	37.8	44.1	-97.24	-1,017.3	1,793.3	767.1	693.1	74.05	10.360		
7,050.0	6,715.6	7,183.0	6,751.3	37.7	44.0	-97.40	-1,017.5	1,774.6	767.4	693.7	73.75	10.405		
7,100.0	6,760.8	7,241.1	6,804.5	37.5	43.9	-97.52	-1,017.7	1,751.5	767.6	694.2	73.46	10.449		
7,150.0	6,804.4	7,299.3	6,855.9	37.4	43.7	-97.60	-1,018.0	1,724.1	767.7	694.6	73.19	10.490		
7,200.0	6,846.2	7,357.6	6,904.9	37.2	43.6	-97.63	-1,018.4	1,692.6	767.8	694.8	72.95	10.526		
7,250.0	6,886.0	7,415.9	6,951.1	37.1	43.4	-97.61	-1,018.8	1,657.1	767.8	695.0	72.75	10.553		
7,300.0	6,923.6	7,474.2	6,994.3	37.0	43.3	-97.56	-1,019.2	1,618.1	767.7	695.0	72.63	10.570		
7,350.0	6,958.8	7,532.3	7,034.1	36.9	43.2	-97.46	-1,019.7	1,575.7	767.5	694.9	72.57	10.575		
7,400.0	6,991.4	7,590.3	7,070.3	36.8	43.1	-97.32	-1,020.2	1,530.4	767.2	694.6	72.61	10.566		
7,450.0	7,021.3	7,648.0	7,102.5	36.7	43.0	-97.13	-1,020.7	1,482.6	766.9	694.2	72.74	10.543		
7,500.0	7,048.3	7,705.5	7,130.7	36.7	42.9	-96.91	-1,021.3	1,432.5	766.6	693.6	72.98	10.503		
7,550.0	7,072.4	7,762.6	7,154.6	36.8	42.9	-96.65	-1,021.8	1,380.7	766.1	692.8	73.33	10.448		
7,600.0	7,093.3	7,819.3	7,174.2	36.8	43.0	-96.35	-1,022.4	1,327.4	765.7	691.9	73.78	10.378		
7,650.0	7,111.0	7,875.6	7,189.4	36.9	43.1	-96.02	-1,023.0	1,273.2	765.2	690.9	74.33	10.295		
7,700.0	7,125.4	7,931.5	7,200.3	37.1	43.2	-95.66	-1,023.6	1,218.4	764.7	689.7	74.96	10.201		
7,750.0	7,136.5	7,986.9	7,206.8	37.3	43.3	-95.26	-1,024.2	1,163.4	764.2	688.5	75.68	10.098		
7,800.0	7,144.0	8,041.6	7,209.0	37.5	43.5	-94.85	-1,024.8	1,108.8	763.7	687.2	76.45	9.989		
7,850.0	7,148.2	8,091.4	7,209.3	37.8	43.7	-94.59	-1,025.4	1,059.0	763.4	686.1	77.24	9.883		
7,881.8	7,149.0	8,123.2	7,209.5	38.0	43.8	-94.55	-1,025.7	1,027.2	763.3	685.5	77.77	9.815		
7,884.3	7,149.0	8,125.7	7,209.5	38.0	43.9	-94.55	-1,025.7	1,024.7	763.3	685.5	77.81	9.810		
7,884.4	7,149.0	8,125.8	7,209.5	38.0	43.9	-94.55	-1,025.7	1,024.6	763.3	685.5	77.81	9.810		
7,885.3	7,149.0	8,126.7	7,209.5	38.0	43.9	-94.55	-1,025.8	1,023.7	763.3	685.5	77.83	9.808		
7,900.0	7,149.0	8,141.4	7,209.6	38.1	43.9	-94.55	-1,025.9	1,009.0	763.3	685.3	78.05	9.780		
8,000.0	7,149.0	8,241.4	7,210.2	38.9	44.5	-94.60	-1,027.0	909.0	763.3	683.6	79.72	9.576		
8,100.0	7,149.0	8,341.4	7,210.7	39.8	45.2	-94.64	-1,028.1	809.0	763.4	681.6	81.73	9.340		
8,200.0	7,149.0	8,441.4	7,211.3	40.9	46.1	-94.68	-1,029.2	709.0	763.4	679.3	84.08	9.080		
8,300.0	7,149.0	8,541.4	7,211.9	42.2	47.2	-94.73	-1,030.3	609.0	763.5	676.7	86.72	8.803		
8,400.0	7,149.0	8,641.4	7,212.5	43.6	48.4	-94.77	-1,031.4	509.0	763.5	673.9	89.64	8.517		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	8,741.4	7,213.1	45.2	49.8	-94.81	-1,032.5	409.0	763.5	670.7	92.80	8.228		
8,600.0	7,149.0	8,841.4	7,213.6	46.8	51.3	-94.86	-1,033.6	309.0	763.6	667.4	96.19	7.938		
8,700.0	7,149.0	8,941.4	7,214.2	48.6	52.9	-94.90	-1,034.7	209.1	763.6	663.8	99.77	7.654		
8,800.0	7,149.0	9,041.4	7,214.8	50.5	54.6	-94.94	-1,035.8	109.1	763.6	660.1	103.53	7.376		
8,900.0	7,149.0	9,141.4	7,215.4	52.5	56.4	-94.99	-1,036.9	9.1	763.7	656.2	107.45	7.107		
9,000.0	7,149.0	9,241.4	7,215.9	54.5	58.3	-95.03	-1,038.0	-90.9	763.7	652.2	111.52	6.848		
9,100.0	7,149.0	9,341.4	7,216.5	56.6	60.3	-95.07	-1,039.1	-190.9	763.8	648.1	115.71	6.601		
9,200.0	7,149.0	9,441.4	7,217.1	58.8	62.4	-95.11	-1,040.2	-290.9	763.8	643.8	120.01	6.364		
9,300.0	7,149.0	9,541.4	7,217.7	61.0	64.5	-95.16	-1,041.3	-390.9	763.9	639.4	124.42	6.139		
9,400.0	7,149.0	9,641.4	7,218.2	63.2	66.7	-95.20	-1,042.4	-490.9	763.9	635.0	128.92	5.925		
9,500.0	7,149.0	9,741.4	7,218.8	65.5	69.0	-95.24	-1,043.5	-590.9	763.9	630.4	133.50	5.722		
9,600.0	7,149.0	9,841.4	7,219.4	67.9	71.3	-95.29	-1,044.6	-690.9	764.0	625.8	138.16	5.530		
9,700.0	7,149.0	9,941.4	7,220.0	70.3	73.6	-95.33	-1,045.7	-790.9	764.0	621.1	142.88	5.347		
9,800.0	7,149.0	10,041.4	7,220.6	72.7	76.0	-95.37	-1,046.8	-890.8	764.1	616.4	147.66	5.175		
9,900.0	7,149.0	10,141.4	7,221.1	75.1	78.4	-95.42	-1,047.9	-990.8	764.1	611.6	152.49	5.011		
10,000.0	7,149.0	10,241.4	7,221.7	77.6	80.8	-95.46	-1,049.0	-1,090.8	764.2	606.8	157.38	4.856		
10,100.0	7,149.0	10,341.4	7,222.3	80.1	83.3	-95.50	-1,050.1	-1,190.8	764.2	601.9	162.31	4.708		
10,200.0	7,149.0	10,441.4	7,222.9	82.6	85.7	-95.55	-1,051.2	-1,290.8	764.2	597.0	167.28	4.569		
10,300.0	7,149.0	10,541.4	7,223.4	85.1	88.2	-95.59	-1,052.3	-1,390.8	764.3	592.0	172.28	4.436		
10,400.0	7,149.0	10,641.4	7,224.0	87.6	90.7	-95.63	-1,053.4	-1,490.8	764.3	587.0	177.32	4.310		
10,500.0	7,149.0	10,741.4	7,224.6	90.2	93.3	-95.68	-1,054.5	-1,590.8	764.4	582.0	182.40	4.191		
10,600.0	7,149.0	10,841.4	7,225.2	92.8	95.8	-95.72	-1,055.6	-1,690.8	764.4	576.9	187.50	4.077		
10,700.0	7,149.0	10,941.4	7,225.8	95.4	98.4	-95.76	-1,056.7	-1,790.8	764.5	571.9	192.62	3.969		
10,800.0	7,149.0	11,041.4	7,226.3	98.0	101.0	-95.81	-1,057.8	-1,890.7	764.5	566.8	197.77	3.866		
10,900.0	7,149.0	11,141.4	7,226.9	100.6	103.6	-95.85	-1,058.9	-1,990.7	764.6	561.6	202.94	3.767		
11,000.0	7,149.0	11,241.4	7,227.5	103.2	106.2	-95.89	-1,060.0	-2,090.7	764.6	556.5	208.13	3.674		
11,100.0	7,149.0	11,341.4	7,228.1	105.8	108.8	-95.93	-1,061.1	-2,190.7	764.7	551.3	213.34	3.584		
11,200.0	7,149.0	11,441.4	7,228.6	108.5	111.4	-95.98	-1,062.2	-2,290.7	764.7	546.2	218.57	3.499		
11,300.0	7,149.0	11,541.4	7,229.2	111.1	114.1	-96.02	-1,063.3	-2,390.7	764.8	541.0	223.82	3.417		
11,400.0	7,149.0	11,641.4	7,229.8	113.8	116.7	-96.06	-1,064.4	-2,490.7	764.8	535.7	229.08	3.339		
11,500.0	7,149.0	11,741.4	7,230.4	116.4	119.3	-96.11	-1,065.5	-2,590.7	764.9	530.5	234.35	3.264		
11,600.0	7,149.0	11,841.4	7,230.9	119.1	122.0	-96.15	-1,066.5	-2,690.7	764.9	525.3	239.63	3.192		
11,700.0	7,149.0	11,941.4	7,231.5	121.8	124.7	-96.19	-1,067.6	-2,790.7	765.0	520.1	244.93	3.123		
11,800.0	7,149.0	12,041.4	7,232.1	124.5	127.3	-96.24	-1,068.7	-2,890.7	765.0	514.8	250.24	3.057		
11,900.0	7,149.0	12,141.4	7,232.7	127.2	130.0	-96.28	-1,069.8	-2,990.6	765.1	509.5	255.56	2.994		
12,000.0	7,149.0	12,241.4	7,233.3	129.9	132.7	-96.32	-1,070.9	-3,090.6	765.1	504.3	260.88	2.933		
12,100.0	7,149.0	12,341.4	7,233.8	132.5	135.4	-96.37	-1,072.0	-3,190.6	765.2	499.0	266.22	2.874		
12,200.0	7,149.0	12,441.4	7,234.4	135.3	138.1	-96.41	-1,073.1	-3,290.6	765.2	493.7	271.57	2.818		
12,300.0	7,149.0	12,541.4	7,235.0	138.0	140.8	-96.45	-1,074.2	-3,390.6	765.3	488.4	276.92	2.764		
12,400.0	7,149.0	12,641.3	7,235.6	140.7	143.5	-96.49	-1,075.3	-3,490.6	765.4	483.1	282.28	2.711		
12,500.0	7,149.0	12,741.3	7,236.1	143.4	146.2	-96.54	-1,076.4	-3,590.6	765.4	477.8	287.65	2.661		
12,600.0	7,149.0	12,841.3	7,236.7	146.1	148.9	-96.58	-1,077.5	-3,690.6	765.5	472.4	293.02	2.612		
12,700.0	7,149.0	12,941.3	7,237.3	148.8	151.6	-96.62	-1,078.6	-3,790.6	765.5	467.1	298.40	2.565		
12,800.0	7,149.0	13,041.3	7,237.9	151.6	154.3	-96.67	-1,079.7	-3,890.6	765.6	461.8	303.78	2.520		
12,900.0	7,149.0	13,141.3	7,238.5	154.3	157.0	-96.71	-1,080.8	-3,990.6	765.6	456.5	309.17	2.476		
13,000.0	7,149.0	13,241.3	7,239.0	157.0	159.8	-96.75	-1,081.9	-4,090.5	765.7	451.1	314.57	2.434		
13,100.0	7,149.0	13,341.3	7,239.6	159.7	162.5	-96.80	-1,083.0	-4,190.5	765.8	445.8	319.97	2.393		
13,200.0	7,149.0	13,441.3	7,240.2	162.5	165.2	-96.84	-1,084.1	-4,290.5	765.8	440.4	325.37	2.354		
13,300.0	7,149.0	13,541.3	7,240.8	165.2	168.0	-96.88	-1,085.2	-4,390.5	765.9	435.1	330.78	2.315		
13,400.0	7,149.0	13,641.3	7,241.3	168.0	170.7	-96.92	-1,086.3	-4,490.5	765.9	429.7	336.19	2.278		
13,500.0	7,149.0	13,741.3	7,241.9	170.7	173.4	-96.97	-1,087.4	-4,590.5	766.0	424.4	341.61	2.242		
13,600.0	7,149.0	13,841.3	7,242.5	173.4	176.2	-97.01	-1,088.5	-4,690.5	766.1	419.0	347.03	2.207		

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 TA-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 TA-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 #2 (10-27-17)	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	7,149.0	13,941.3	7,243.1	176.2	178.9	-97.05	-1,089.6	-4,790.5	766.1	413.7	352.45	2.174		
13,800.0	7,149.0	14,041.3	7,243.7	178.9	181.7	-97.10	-1,090.7	-4,890.5	766.2	408.3	357.87	2.141		
13,900.0	7,149.0	14,141.3	7,244.2	181.7	184.4	-97.14	-1,091.8	-4,990.5	766.2	402.9	363.30	2.109		
14,000.0	7,149.0	14,241.3	7,244.8	184.5	187.2	-97.18	-1,092.9	-5,090.5	766.3	397.6	368.73	2.078		
14,100.0	7,149.0	14,341.3	7,245.4	187.2	189.9	-97.23	-1,094.0	-5,190.4	766.4	392.2	374.16	2.048		
14,200.0	7,149.0	14,441.3	7,246.0	190.0	192.7	-97.27	-1,095.1	-5,290.4	766.4	386.8	379.60	2.019		
14,300.0	7,149.0	14,541.3	7,246.5	192.7	195.4	-97.31	-1,096.2	-5,390.4	766.5	381.4	385.03	1.991		
14,400.0	7,149.0	14,641.3	7,247.1	195.5	198.2	-97.35	-1,097.3	-5,490.4	766.5	376.1	390.47	1.963		
14,500.0	7,149.0	14,741.3	7,247.7	198.2	200.9	-97.40	-1,098.4	-5,590.4	766.6	370.7	395.91	1.936		
14,600.0	7,149.0	14,841.3	7,248.3	201.0	203.7	-97.44	-1,099.5	-5,690.4	766.7	365.3	401.35	1.910		
14,700.0	7,149.0	14,941.3	7,248.8	203.8	206.4	-97.48	-1,100.6	-5,790.4	766.7	359.9	406.80	1.885		
14,800.0	7,149.0	15,041.3	7,249.4	206.5	209.2	-97.53	-1,101.7	-5,890.4	766.8	354.6	412.24	1.860		
14,900.0	7,149.0	15,141.3	7,250.0	209.3	212.0	-97.57	-1,102.8	-5,990.4	766.9	349.2	417.69	1.836		
15,000.0	7,149.0	15,241.3	7,250.6	212.1	214.7	-97.61	-1,103.9	-6,090.4	766.9	343.8	423.14	1.813		
15,100.0	7,149.0	15,341.3	7,251.2	214.8	217.5	-97.65	-1,105.0	-6,190.3	767.0	338.4	428.58	1.790		
15,200.0	7,149.0	15,441.3	7,251.7	217.6	220.2	-97.70	-1,106.1	-6,290.3	767.1	333.0	434.03	1.767		
15,300.0	7,149.0	15,541.3	7,252.3	220.4	223.0	-97.74	-1,107.2	-6,390.3	767.1	327.7	439.48	1.746		
15,400.0	7,149.0	15,641.3	7,252.9	223.1	225.8	-97.78	-1,108.3	-6,490.3	767.2	322.3	444.93	1.724		
15,500.0	7,149.0	15,741.3	7,253.5	225.9	228.5	-97.83	-1,109.4	-6,590.3	767.3	316.9	450.39	1.704		
15,600.0	7,149.0	15,841.3	7,254.0	228.7	231.3	-97.87	-1,110.5	-6,690.3	767.3	311.5	455.84	1.683		
15,700.0	7,149.0	15,941.3	7,254.6	231.5	234.1	-97.91	-1,111.6	-6,790.3	767.4	306.1	461.29	1.664		
15,800.0	7,149.0	16,041.3	7,255.2	234.2	236.9	-97.95	-1,112.7	-6,890.3	767.5	300.7	466.74	1.644		
15,900.0	7,149.0	16,141.3	7,255.8	237.0	239.6	-98.00	-1,113.8	-6,990.3	767.6	295.4	472.20	1.625		
16,000.0	7,149.0	16,241.3	7,256.4	239.8	242.4	-98.04	-1,114.9	-7,090.3	767.6	290.0	477.65	1.607		
16,100.0	7,149.0	16,341.3	7,256.9	242.6	245.2	-98.08	-1,116.0	-7,190.3	767.7	284.6	483.11	1.589		
16,200.0	7,149.0	16,441.3	7,257.5	245.3	247.9	-98.12	-1,117.1	-7,290.2	767.8	279.2	488.56	1.571		
16,300.0	7,149.0	16,541.3	7,258.1	248.1	250.7	-98.17	-1,118.2	-7,390.2	767.8	273.8	494.02	1.554		
16,400.0	7,149.0	16,641.3	7,258.7	250.9	253.5	-98.21	-1,119.3	-7,490.2	767.9	268.4	499.47	1.537		
16,500.0	7,149.0	16,741.3	7,259.2	253.7	256.3	-98.25	-1,120.4	-7,590.2	768.0	263.1	504.93	1.521		
16,600.0	7,149.0	16,841.3	7,259.8	256.5	259.1	-98.30	-1,121.5	-7,690.2	768.1	257.7	510.38	1.505		
16,700.0	7,149.0	16,941.3	7,260.4	259.2	261.8	-98.34	-1,122.6	-7,790.2	768.1	252.3	515.84	1.489 Level 3		
16,800.0	7,149.0	17,041.3	7,261.0	262.0	264.6	-98.38	-1,123.7	-7,890.2	768.2	246.9	521.29	1.474 Level 3		
16,900.0	7,149.0	17,141.3	7,261.5	264.8	267.4	-98.42	-1,124.8	-7,990.2	768.3	241.5	526.74	1.459 Level 3		
17,000.0	7,149.0	17,241.3	7,262.1	267.6	270.2	-98.47	-1,125.9	-8,090.2	768.4	236.2	532.20	1.444 Level 3		
17,100.0	7,149.0	17,341.3	7,262.7	270.4	273.0	-98.51	-1,126.9	-8,190.2	768.4	230.8	537.65	1.429 Level 3		
17,200.0	7,149.0	17,441.3	7,263.3	273.2	275.7	-98.55	-1,128.0	-8,290.2	768.5	225.4	543.11	1.415 Level 3		
17,300.0	7,149.0	17,541.3	7,263.9	275.9	278.5	-98.59	-1,129.1	-8,390.1	768.6	220.0	548.56	1.401 Level 3		
17,400.0	7,149.0	17,641.3	7,264.4	278.7	281.3	-98.64	-1,130.2	-8,490.1	768.7	214.6	554.01	1.387 Level 3		
17,500.0	7,149.0	17,741.3	7,265.0	281.5	284.1	-98.68	-1,131.3	-8,590.1	768.7	209.3	559.47	1.374 Level 3		
17,600.0	7,149.0	17,841.3	7,265.6	284.3	286.9	-98.72	-1,132.4	-8,690.1	768.8	203.9	564.92	1.361 Level 3		
17,700.0	7,149.0	17,941.3	7,266.2	287.1	289.6	-98.77	-1,133.5	-8,790.1	768.9	198.5	570.37	1.348 Level 3		
17,800.0	7,149.0	18,041.3	7,266.7	289.9	292.4	-98.81	-1,134.6	-8,890.1	769.0	193.1	575.82	1.335 Level 3		
17,900.0	7,149.0	18,141.3	7,267.3	292.7	295.2	-98.85	-1,135.7	-8,990.1	769.0	187.8	581.27	1.323 Level 3		
18,000.0	7,149.0	18,241.3	7,267.9	295.5	298.0	-98.89	-1,136.8	-9,090.1	769.1	182.4	586.72	1.311 Level 3		
18,100.0	7,149.0	18,341.3	7,268.5	298.2	300.8	-98.94	-1,137.9	-9,190.1	769.2	177.0	592.17	1.299 Level 3		
18,152.4	7,149.0	18,393.7	7,268.8	299.7	302.2	-98.96	-1,138.5	-9,242.5	769.2	174.2	595.03	1.293 Level 3, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
0.0	0.0	0.0	0.0	0.0	0.0	-104.87	-137.7	-518.6	536.6						
100.0	100.0	94.1	94.1	0.1	0.1	-104.87	-137.7	-518.6	536.6	536.4	0.22	2,458.365			
200.0	200.0	194.1	194.1	0.3	0.2	-104.88	-137.8	-518.6	536.6	536.0	0.56	965.985			
300.0	300.0	294.2	294.2	0.6	0.3	-104.90	-137.9	-518.5	536.6	535.7	0.89	601.064			
400.0	400.0	394.2	394.2	0.8	0.4	-104.92	-138.1	-518.4	536.5	535.3	1.23	436.239			
500.0	500.0	494.3	494.3	1.0	0.6	-104.95	-138.4	-518.3	536.5	534.9	1.57	342.341			
600.0	600.0	594.3	594.3	1.2	0.7	-104.98	-138.7	-518.2	536.4	534.5	1.90	281.692			
602.5	602.5	596.8	596.8	1.2	0.7	156.58	-138.7	-518.2	536.4	534.5	1.91	280.279	CC, ES		
700.0	700.0	694.4	694.4	1.4	0.8	156.59	-139.0	-518.0	537.6	535.3	2.23	241.010			
800.0	799.9	794.4	794.3	1.7	0.9	156.69	-139.4	-517.8	541.1	538.5	2.55	212.049			
900.0	899.7	895.3	895.3	1.9	1.0	156.88	-139.8	-517.6	547.0	544.1	2.90	188.887			
1,000.0	999.3	1,007.9	1,007.9	2.1	1.2	157.32	-138.9	-516.1	553.9	550.6	3.34	165.686			
1,100.0	1,098.6	1,119.9	1,119.7	2.4	1.5	158.25	-133.5	-513.2	561.2	557.4	3.79	148.245			
1,200.0	1,197.5	1,225.7	1,225.0	2.7	1.7	159.64	-123.8	-509.3	569.0	564.7	4.24	134.096			
1,300.0	1,296.1	1,324.4	1,322.8	3.0	1.9	161.35	-110.9	-506.0	579.2	574.4	4.72	122.695			
1,400.0	1,394.2	1,423.3	1,420.2	3.3	2.2	163.42	-94.4	-503.2	592.3	587.1	5.24	112.994			
1,500.0	1,491.7	1,526.9	1,521.5	3.8	2.6	165.93	-73.2	-500.0	608.2	602.3	5.83	104.318			
1,600.0	1,588.6	1,618.4	1,610.4	4.2	3.0	168.35	-51.5	-496.8	627.0	620.6	6.43	97.555			
1,700.0	1,684.9	1,706.3	1,695.5	4.7	3.4	170.68	-29.6	-494.5	650.4	643.3	7.03	92.502			
1,800.0	1,780.4	1,794.7	1,781.0	5.3	3.7	172.94	-7.4	-492.8	678.1	670.4	7.64	88.731			
1,900.0	1,875.0	1,881.2	1,864.8	5.9	4.1	175.01	14.2	-491.6	709.9	701.6	8.24	86.193			
2,000.0	1,968.9	1,969.3	1,950.3	6.6	4.5	176.94	35.5	-490.9	745.5	736.7	8.82	84.512			
2,100.0	2,061.7	2,067.3	2,045.5	7.3	4.9	178.90	58.7	-489.9	784.2	774.7	9.43	83.126	SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													G & D HANKS PAD Sec.27-T7N-R66W - G&D HANKS 15-27 - Wellbore #1 - Wellbore #1		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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
0.0	0.0	0.0	0.0	0.0	0.0	-103.11	-124.6	-535.0	549.4							
100.0	100.0	94.6	94.6	0.1	0.1	-103.11	-124.5	-535.0	549.3	549.1	0.22	2,506.432				
200.0	200.0	195.2	195.2	0.3	0.2	-103.09	-124.4	-534.9	549.1	548.6	0.56	985.355				
300.0	300.0	295.8	295.8	0.6	0.3	-103.08	-124.2	-534.6	548.9	548.0	0.90	612.951				
400.0	400.0	396.4	396.4	0.8	0.4	-103.05	-123.8	-534.3	548.5	547.2	1.23	444.618				
500.0	500.0	497.1	497.1	1.0	0.6	-103.02	-123.4	-533.9	548.0	546.4	1.57	348.644				
600.0	600.0	597.7	597.7	1.2	0.7	-102.97	-122.9	-533.4	547.4	545.4	1.91	286.595				
628.8	628.8	626.7	626.7	1.3	0.7	158.61	-122.7	-533.2	547.3	545.3	2.00	273.452				
700.0	700.0	698.3	698.3	1.4	0.8	158.69	-122.3	-532.8	547.8	545.6	2.23	245.453				
800.0	799.9	798.8	798.8	1.7	0.9	158.88	-121.6	-532.1	550.7	548.1	2.55	215.940				
900.0	899.7	899.3	899.3	1.9	1.0	159.16	-120.7	-531.3	555.8	552.9	2.88	193.067				
1,000.0	999.3	998.3	998.3	2.1	1.2	159.49	-120.1	-530.4	563.4	560.1	3.28	171.612				
1,100.0	1,098.6	1,092.2	1,092.1	2.4	1.4	159.81	-120.2	-530.0	574.0	570.3	3.69	155.668				
1,200.0	1,197.5	1,190.5	1,190.5	2.7	1.6	160.19	-120.5	-530.1	587.7	583.6	4.12	142.689				
1,300.0	1,296.1	1,288.5	1,288.5	3.0	1.8	160.62	-120.8	-530.3	603.9	599.3	4.56	132.416				
1,400.0	1,394.2	1,387.1	1,387.1	3.3	2.0	161.10	-121.2	-530.4	622.6	617.6	5.01	124.345				
1,500.0	1,491.7	1,484.7	1,484.6	3.8	2.2	161.59	-121.7	-530.5	643.7	638.2	5.47	117.780				
1,600.0	1,588.6	1,581.0	1,581.0	4.2	2.4	162.04	-122.8	-530.5	667.3	661.4	5.93	112.580				
1,700.0	1,684.9	1,674.9	1,674.8	4.7	2.6	162.36	-125.5	-530.5	693.7	687.3	6.39	108.533				
1,800.0	1,780.4	1,774.1	1,773.9	5.3	2.8	162.51	-131.0	-530.1	722.4	715.6	6.88	104.974				
1,900.0	1,875.0	1,875.4	1,874.7	5.9	3.0	162.42	-140.0	-528.4	752.9	745.5	7.40	101.709				
2,000.0	1,968.9	1,970.3	1,968.9	6.6	3.3	162.11	-151.7	-525.8	785.1	777.2	7.94	98.872				
8,600.0	7,149.0	7,169.4	7,137.6	46.8	16.1	-88.87	-555.8	-427.9	781.2	720.1	61.16	12.775				
8,700.0	7,149.0	7,169.7	7,137.9	48.6	16.1	-88.93	-555.8	-427.9	688.5	625.6	62.95	10.937				
8,800.0	7,149.0	7,170.0	7,138.2	50.5	16.1	-88.99	-555.8	-427.9	598.2	533.4	64.84	9.225				
8,900.0	7,149.0	7,170.3	7,138.4	52.5	16.1	-89.05	-555.8	-427.9	511.5	444.6	66.81	7.655				
9,000.0	7,149.0	7,170.6	7,138.7	54.5	16.1	-89.11	-555.8	-427.9	430.5	361.6	68.86	6.252				
9,100.0	7,149.0	7,170.8	7,139.0	56.6	16.1	-89.17	-555.8	-427.9	359.3	288.3	70.97	5.062				
9,200.0	7,149.0	7,171.1	7,139.3	58.8	16.1	-89.22	-555.8	-427.9	304.7	231.5	73.14	4.166				
9,300.0	7,149.0	7,171.4	7,139.6	61.0	16.1	-89.28	-555.9	-427.9	276.7	201.4	75.36	3.672				
9,331.3	7,149.0	7,171.5	7,139.7	61.7	16.1	-89.30	-555.9	-427.9	275.0	198.9	76.07	3.614 CC, ES, SF				
9,400.0	7,149.0	7,171.7	7,139.8	63.2	16.1	-89.34	-555.9	-427.9	283.4	205.8	77.63	3.651				
9,500.0	7,149.0	7,172.0	7,140.1	65.5	16.1	-89.40	-555.9	-427.9	322.6	242.7	79.94	4.035				
9,600.0	7,149.0	7,172.3	7,140.4	67.9	16.1	-89.46	-555.9	-427.9	384.5	302.2	82.29	4.672				
9,700.0	7,149.0	7,172.5	7,140.7	70.3	16.1	-89.52	-555.9	-427.9	460.0	375.3	84.67	5.432				
9,800.0	7,149.0	7,172.8	7,141.0	72.7	16.1	-89.58	-555.9	-427.9	543.4	456.3	87.09	6.240				
9,900.0	7,149.0	7,173.1	7,141.3	75.1	16.1	-89.64	-555.9	-427.9	631.7	542.2	89.53	7.056				
10,000.0	7,149.0	7,173.4	7,141.6	77.6	16.1	-89.70	-555.9	-427.9	723.1	631.1	91.99	7.860				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	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	-106.50	-147.2	-497.0	518.3					
100.0	100.0	94.2	94.2	0.1	0.1	-106.50	-147.2	-496.9	518.3	518.1	0.22	2,372.610		
200.0	200.0	194.4	194.4	0.3	0.2	-106.51	-147.3	-496.8	518.2	517.7	0.56	932.335		
300.0	300.0	294.7	294.7	0.6	0.3	-106.53	-147.4	-496.7	518.1	517.2	0.89	580.055		
400.0	400.0	394.9	394.9	0.8	0.4	-106.55	-147.6	-496.5	518.0	516.7	1.23	420.905		
500.0	500.0	495.1	495.1	1.0	0.6	-106.59	-147.8	-496.2	517.8	516.2	1.57	330.217		
600.0	600.0	595.3	595.3	1.2	0.7	-106.63	-148.1	-495.9	517.5	515.6	1.91	271.623		
611.0	611.0	606.3	606.3	1.3	0.7	154.93	-148.1	-495.8	517.5	515.6	1.94	266.393		
700.0	700.0	695.5	695.5	1.4	0.8	154.94	-148.4	-495.5	518.4	516.2	2.23	232.355		
800.0	799.9	795.7	795.7	1.7	0.9	155.05	-148.8	-495.1	521.7	519.1	2.55	204.607		
900.0	899.7	895.7	895.7	1.9	1.0	155.26	-149.2	-494.5	527.2	524.4	2.89	182.465		
1,000.0	999.3	995.4	995.4	2.1	1.2	155.54	-149.8	-494.0	535.2	531.8	3.33	160.555		
1,100.0	1,098.6	1,098.4	1,098.4	2.4	1.5	155.91	-150.6	-493.2	545.4	541.6	3.79	143.922		
1,200.0	1,197.5	1,215.4	1,215.3	2.7	1.7	156.41	-151.1	-490.0	556.0	551.8	4.27	130.160		
1,300.0	1,296.1	1,342.1	1,341.8	3.0	2.0	157.08	-150.4	-481.6	565.1	560.4	4.78	118.334		
1,400.0	1,394.2	1,460.5	1,459.4	3.3	2.3	157.98	-146.8	-469.2	572.4	567.2	5.27	108.669		
1,500.0	1,491.7	1,584.4	1,582.0	3.8	2.6	159.15	-140.8	-452.1	578.5	572.8	5.79	99.925		
1,600.0	1,588.6	1,704.5	1,700.0	4.2	3.0	160.46	-133.0	-431.1	583.2	576.9	6.32	92.295		
1,700.0	1,684.9	1,814.0	1,807.0	4.7	3.4	161.81	-124.5	-409.2	588.0	581.2	6.84	85.964		
1,800.0	1,780.4	1,911.0	1,901.6	5.3	3.8	163.05	-117.0	-389.3	594.9	587.6	7.33	81.155		
1,900.0	1,875.0	2,014.6	2,002.6	5.9	4.2	164.39	-108.9	-367.7	604.4	596.5	7.85	77.007		
2,000.0	1,968.9	2,108.9	2,094.5	6.6	4.6	165.58	-102.1	-347.9	616.6	608.3	8.35	73.823		
2,100.0	2,061.7	2,207.1	2,190.3	7.3	5.0	166.80	-95.2	-327.5	631.9	623.0	8.87	71.226		
2,175.5	2,131.2	2,277.9	2,259.4	7.9	5.3	167.74	-89.6	-313.1	645.5	636.2	9.26	69.705		
2,200.0	2,153.7	2,301.4	2,282.3	8.1	5.3	168.08	-87.5	-308.3	650.2	640.8	9.40	69.189		
2,300.0	2,245.3	2,397.9	2,376.4	8.9	5.7	169.42	-79.0	-288.9	669.8	659.8	9.96	67.221		
2,400.0	2,336.9	2,492.9	2,469.2	9.7	6.1	170.64	-71.0	-269.9	689.9	679.3	10.53	65.487		
2,500.0	2,428.5	2,587.4	2,561.6	10.6	6.5	171.76	-63.4	-251.4	710.7	699.5	11.11	63.971		
2,600.0	2,520.1	2,686.7	2,658.6	11.4	6.9	172.87	-55.4	-231.7	731.5	719.8	11.71	62.484		
2,700.0	2,611.7	2,783.0	2,752.7	12.2	7.3	173.89	-47.5	-212.6	752.6	740.3	12.31	61.157		
2,800.0	2,703.3	2,877.2	2,844.7	13.1	7.7	174.84	-40.0	-194.1	774.0	761.1	12.90	59.992		
2,900.0	2,794.9	2,972.7	2,938.1	13.9	8.1	175.74	-32.2	-175.8	796.1	782.6	13.51	58.937		
8,000.0	7,149.0	7,225.6	7,144.0	38.9	19.7	90.15	112.8	222.4	776.6	718.7	57.87	13.419		
8,100.0	7,149.0	7,226.1	7,144.5	39.8	19.8	90.22	112.8	222.4	691.7	632.8	58.85	11.753		
8,200.0	7,149.0	7,226.6	7,145.0	40.9	19.8	90.30	112.8	222.4	611.3	551.3	60.00	10.188		
8,300.0	7,149.0	7,227.1	7,145.5	42.2	19.8	90.37	112.8	222.4	537.6	476.2	61.31	8.768		
8,400.0	7,149.0	7,227.6	7,146.0	43.6	19.8	90.44	112.8	222.4	473.5	410.8	62.75	7.546		
8,500.0	7,149.0	7,228.0	7,146.5	45.2	19.8	90.51	112.8	222.4	423.7	359.4	64.33	6.586		
8,600.0	7,149.0	7,228.5	7,147.0	46.8	19.8	90.59	112.8	222.4	393.4	327.4	66.02	5.959		
8,673.6	7,149.0	7,228.9	7,147.3	48.2	19.8	90.64	112.8	222.4	386.5	319.2	67.35	5.739 CC, ES		
8,700.0	7,149.0	7,229.0	7,147.5	48.6	19.8	90.66	112.8	222.4	387.4	319.6	67.82	5.712 SF		
8,800.0	7,149.0	7,229.5	7,147.9	50.5	19.8	90.73	112.8	222.4	406.6	336.9	69.71	5.833		
8,900.0	7,149.0	7,230.0	7,148.4	52.5	19.8	90.81	112.8	222.4	447.9	376.2	71.68	6.249		
9,000.0	7,149.0	7,230.5	7,148.9	54.5	19.8	90.88	112.8	222.4	505.9	432.2	73.73	6.862		
9,100.0	7,149.0	7,231.0	7,149.4	56.6	19.8	90.95	112.8	222.4	575.5	499.7	75.84	7.589		
9,200.0	7,149.0	7,231.5	7,149.9	58.8	19.8	91.03	112.8	222.4	653.0	575.0	78.00	8.372		
9,300.0	7,149.0	7,232.0	7,150.4	61.0	19.8	91.10	112.8	222.4	736.0	655.8	80.23	9.174		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks TA-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 TA-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 #2 (10-27-17)	Offset TVD Reference:	Offset Datum

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

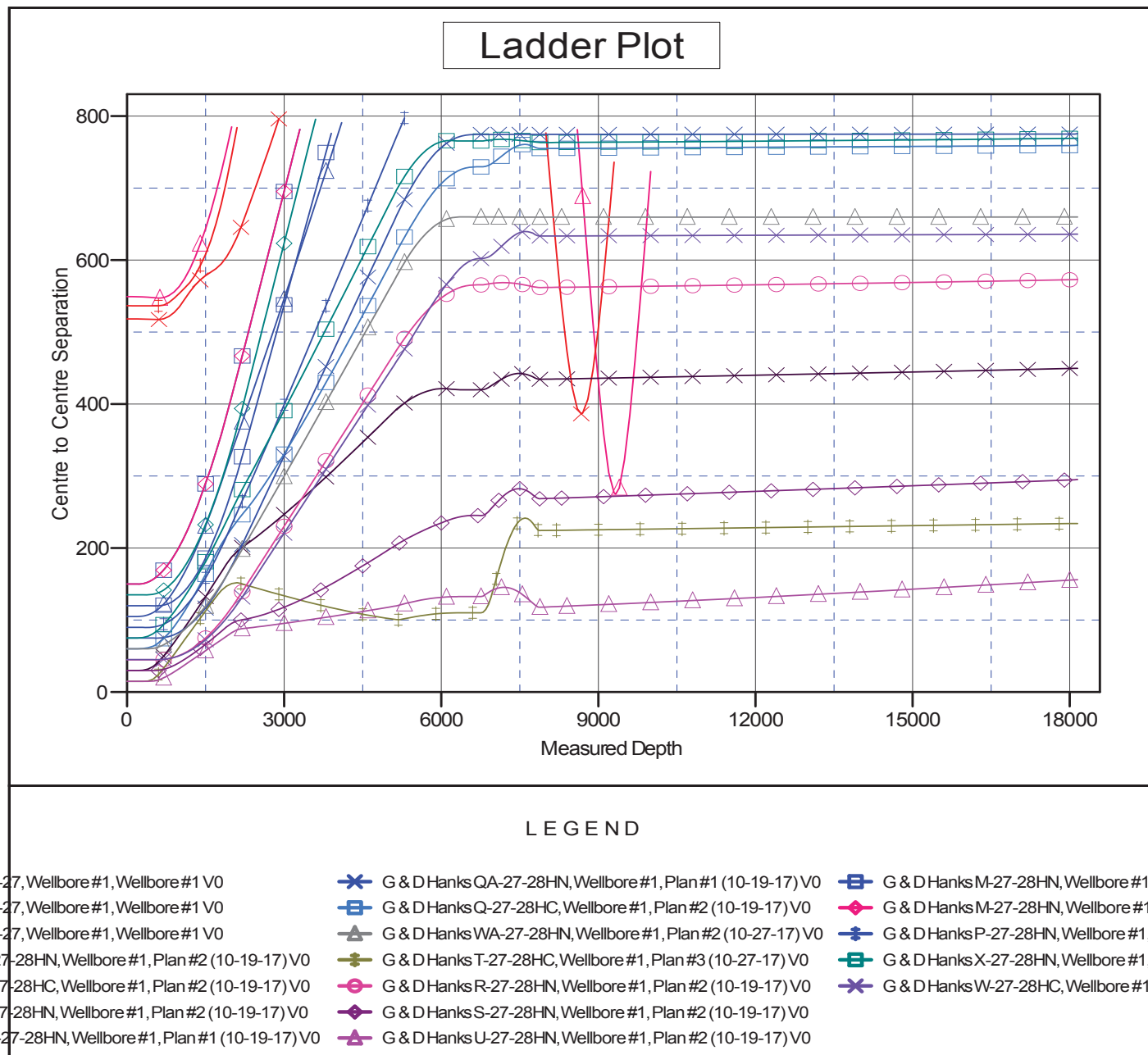
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

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

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°



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

