

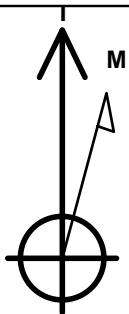
Bayswater Exploration & Production, LLC

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

Surface Location: G & D Hanks 27-N Pad Sec.27-T7N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4874.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1441107.26 3205704.51 40.541883 -104.759854
Original Well Elev WELL @ 4899.0ft (Original Well Elev)

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1153'FSL, 1575'FEL, SEC.27	1.0	0.0	0.0	Point
LPL 325'FSL, 470'FEL, SEC.27	7364.0	-814.6	1109.8	Point
BHL 325'FSL, 5'FWL, SEC.28	7374.0	-928.7	-9275.1	Point



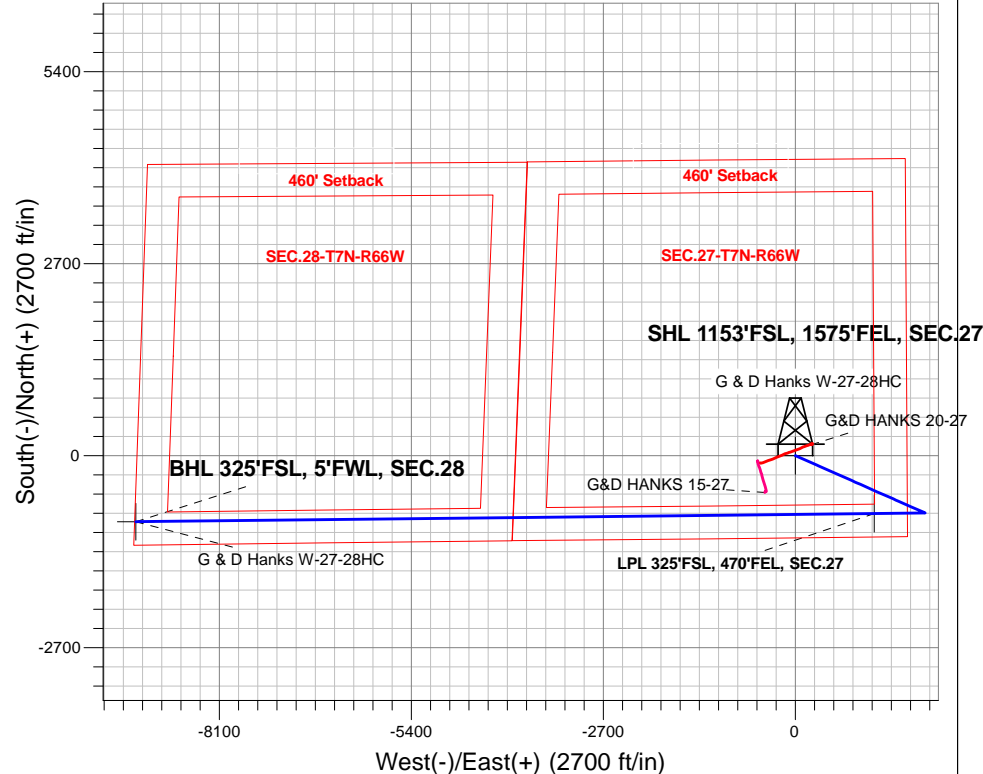
Azimuths to True North
Magnetic North: 8.01°

Magnetic Field
Strength: 52533.9nT
Dip Angle: 66.94°
Date: 10/30/2017
Model: IGRF2010

G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks W-27-28HC
Plan #3 (10-27-17)
8:03, October 30 2017

ANNOTATIONS

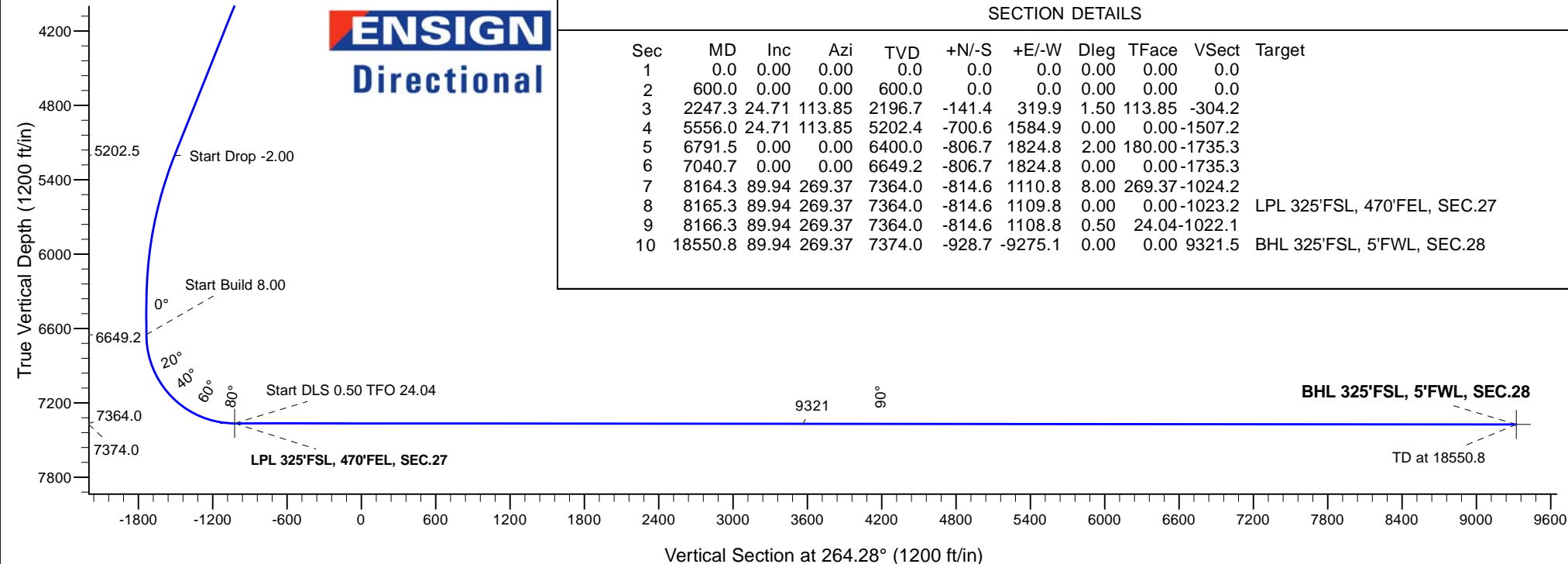
TVD	MD	Annotation
600.0	600.0	KOP - Start Build 1.50
5202.4	5556.0	Start Drop -2.00
6649.2	7040.7	Start Build 8.00
7364.0	8165.3	Start DLS 0.50 TFO 24.04
7364.0	8166.3	Start 10384.5 hold at 8166.3 MD
7374.0	18550.8	TD at 18550.8



ENSIGN
Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	2247.3	24.71	113.85	2196.7	-141.4	319.9	1.50	113.85	-304.2	
4	5556.0	24.71	113.85	5202.4	-700.6	1584.9	0.00	0.00	-1507.2	
5	6791.5	0.00	0.00	6400.0	-806.7	1824.8	2.00	180.00	-1735.3	
6	7040.7	0.00	0.00	6649.2	-806.7	1824.8	0.00	0.00	-1735.3	
7	8164.3	89.94	269.37	7364.0	-814.6	1110.8	8.00	269.37	-1024.2	
8	8165.3	89.94	269.37	7364.0	-814.6	1109.8	0.00	0.00	-1023.2	LPL 325'FSL, 470'FEL, SEC.27
9	8166.3	89.94	269.37	7364.0	-814.6	1108.8	0.50	24.04	-1022.1	
10	18550.8	89.94	269.37	7374.0	-928.7	-9275.1	0.00	0.00	9321.5	BHL 325'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 W-27-28HC

Wellbore #1

Plan: Plan #3 (10-27-17)

Standard Planning Report

30 October, 2017



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (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 W-27-28HC					
Well Position	+N/-S	-135.2 ft	Northing:	1,441,107.26 usft	Latitude:	40.541883
	+E/-W	-0.3 ft	Easting:	3,205,704.51 usft	Longitude:	-104.759854
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,874.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/30/2017	8.01	66.94	52,534

Design	Plan #3 (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	264.28

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	
2,247.3	24.71	113.85	2,196.7	-141.4	319.9	1.50	1.50	0.00	113.85	
5,556.0	24.71	113.85	5,202.4	-700.6	1,584.9	0.00	0.00	0.00	0.00	
6,791.5	0.00	0.00	6,400.0	-806.7	1,824.8	2.00	-2.00	0.00	180.00	
7,040.7	0.00	0.00	6,649.2	-806.7	1,824.8	0.00	0.00	0.00	0.00	
8,164.3	89.94	269.37	7,364.0	-814.6	1,110.8	8.00	8.00	0.00	269.37	
8,165.3	89.94	269.37	7,364.0	-814.6	1,109.8	0.00	0.00	0.00	0.00	LPL 325'FSL, 470'FEI
8,166.3	89.94	269.37	7,364.0	-814.6	1,108.8	0.50	0.46	0.20	24.04	
18,550.8	89.94	269.37	7,374.0	-928.7	-9,275.1	0.00	0.00	0.00	0.00	BHL 325'FSL, 5'FWL,

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (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 1153'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	113.85	700.0	-0.5	1.2	-1.1	1.50	1.50	0.00
800.0	3.00	113.85	799.9	-2.1	4.8	-4.6	1.50	1.50	0.00
900.0	4.50	113.85	899.7	-4.8	10.8	-10.2	1.50	1.50	0.00
1,000.0	6.00	113.85	999.3	-8.5	19.1	-18.2	1.50	1.50	0.00
1,100.0	7.50	113.85	1,098.6	-13.2	29.9	-28.4	1.50	1.50	0.00
1,200.0	9.00	113.85	1,197.5	-19.0	43.0	-40.9	1.50	1.50	0.00
1,300.0	10.50	113.85	1,296.1	-25.9	58.5	-55.6	1.50	1.50	0.00
1,400.0	12.00	113.85	1,394.2	-33.7	76.3	-72.6	1.50	1.50	0.00
1,500.0	13.50	113.85	1,491.7	-42.7	96.5	-91.8	1.50	1.50	0.00
1,600.0	15.00	113.85	1,588.6	-52.6	119.0	-113.2	1.50	1.50	0.00
1,700.0	16.50	113.85	1,684.9	-63.6	143.9	-136.8	1.50	1.50	0.00
1,800.0	18.00	113.85	1,780.4	-75.6	171.0	-162.6	1.50	1.50	0.00
1,900.0	19.50	113.85	1,875.0	-88.6	200.4	-190.6	1.50	1.50	0.00
2,000.0	21.00	113.85	1,968.9	-102.6	232.0	-220.7	1.50	1.50	0.00
2,100.0	22.50	113.85	2,061.7	-117.6	265.9	-252.9	1.50	1.50	0.00
2,200.0	24.00	113.85	2,153.6	-133.5	302.0	-287.2	1.50	1.50	0.00
2,247.3	24.71	113.85	2,196.7	-141.4	319.9	-304.2	1.50	1.50	0.00
2,300.0	24.71	113.85	2,244.6	-150.3	340.0	-323.4	0.00	0.00	0.00
2,400.0	24.71	113.85	2,335.4	-167.2	378.3	-359.7	0.00	0.00	0.00
2,500.0	24.71	113.85	2,426.3	-184.1	416.5	-396.1	0.00	0.00	0.00
2,600.0	24.71	113.85	2,517.1	-201.0	454.7	-432.4	0.00	0.00	0.00
2,700.0	24.71	113.85	2,608.0	-217.9	493.0	-468.8	0.00	0.00	0.00
2,800.0	24.71	113.85	2,698.8	-234.8	531.2	-505.1	0.00	0.00	0.00
2,900.0	24.71	113.85	2,789.6	-251.7	569.4	-541.5	0.00	0.00	0.00
3,000.0	24.71	113.85	2,880.5	-268.6	607.7	-577.9	0.00	0.00	0.00
3,100.0	24.71	113.85	2,971.3	-285.5	645.9	-614.2	0.00	0.00	0.00
3,200.0	24.71	113.85	3,062.2	-302.4	684.1	-650.6	0.00	0.00	0.00
3,300.0	24.71	113.85	3,153.0	-319.3	722.4	-686.9	0.00	0.00	0.00
3,400.0	24.71	113.85	3,243.9	-336.2	760.6	-723.3	0.00	0.00	0.00
3,500.0	24.71	113.85	3,334.7	-353.1	798.8	-759.7	0.00	0.00	0.00
3,600.0	24.71	113.85	3,425.6	-370.0	837.1	-796.0	0.00	0.00	0.00
3,700.0	24.71	113.85	3,516.4	-386.9	875.3	-832.4	0.00	0.00	0.00
3,800.0	24.71	113.85	3,607.2	-403.8	913.5	-868.7	0.00	0.00	0.00
3,900.0	24.71	113.85	3,698.1	-420.7	951.8	-905.1	0.00	0.00	0.00
4,000.0	24.71	113.85	3,788.9	-437.6	990.0	-941.5	0.00	0.00	0.00
4,100.0	24.71	113.85	3,879.8	-454.5	1,028.2	-977.8	0.00	0.00	0.00
4,200.0	24.71	113.85	3,970.6	-471.5	1,066.4	-1,014.2	0.00	0.00	0.00
4,300.0	24.71	113.85	4,061.5	-488.4	1,104.7	-1,050.5	0.00	0.00	0.00
4,400.0	24.71	113.85	4,152.3	-505.3	1,142.9	-1,086.9	0.00	0.00	0.00
4,500.0	24.71	113.85	4,243.1	-522.2	1,181.1	-1,123.2	0.00	0.00	0.00
4,600.0	24.71	113.85	4,334.0	-539.1	1,219.4	-1,159.6	0.00	0.00	0.00
4,700.0	24.71	113.85	4,424.8	-556.0	1,257.6	-1,196.0	0.00	0.00	0.00
4,800.0	24.71	113.85	4,515.7	-572.9	1,295.8	-1,232.3	0.00	0.00	0.00
4,900.0	24.71	113.85	4,606.5	-589.8	1,334.1	-1,268.7	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks W-27-28HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (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	24.71	113.85	4,697.4	-606.7	1,372.3	-1,305.0	0.00	0.00	0.00	
5,100.0	24.71	113.85	4,788.2	-623.6	1,410.5	-1,341.4	0.00	0.00	0.00	
5,200.0	24.71	113.85	4,879.1	-640.5	1,448.8	-1,377.8	0.00	0.00	0.00	
5,300.0	24.71	113.85	4,969.9	-657.4	1,487.0	-1,414.1	0.00	0.00	0.00	
5,400.0	24.71	113.85	5,060.7	-674.3	1,525.2	-1,450.5	0.00	0.00	0.00	
5,500.0	24.71	113.85	5,151.6	-691.2	1,563.5	-1,486.8	0.00	0.00	0.00	
5,556.0	24.71	113.85	5,202.5	-700.6	1,584.9	-1,507.2	0.00	0.00	0.00	
Start Drop -2.00										
5,600.0	23.83	113.85	5,242.6	-708.0	1,601.4	-1,522.9	2.00	-2.00	0.00	
5,700.0	21.83	113.85	5,334.7	-723.6	1,636.9	-1,556.7	2.00	-2.00	0.00	
5,800.0	19.83	113.85	5,428.2	-738.0	1,669.4	-1,587.6	2.00	-2.00	0.00	
5,900.0	17.83	113.85	5,522.8	-751.1	1,699.0	-1,615.7	2.00	-2.00	0.00	
6,000.0	15.83	113.85	5,618.5	-762.8	1,725.4	-1,640.9	2.00	-2.00	0.00	
6,100.0	13.83	113.85	5,715.2	-773.1	1,748.8	-1,663.1	2.00	-2.00	0.00	
6,200.0	11.83	113.85	5,812.7	-782.1	1,769.1	-1,682.4	2.00	-2.00	0.00	
6,300.0	9.83	113.85	5,910.9	-789.7	1,786.3	-1,698.8	2.00	-2.00	0.00	
6,400.0	7.83	113.85	6,009.7	-795.9	1,800.4	-1,712.1	2.00	-2.00	0.00	
6,500.0	5.83	113.85	6,109.0	-800.7	1,811.2	-1,722.5	2.00	-2.00	0.00	
6,600.0	3.83	113.85	6,208.7	-804.1	1,818.9	-1,729.8	2.00	-2.00	0.00	
6,700.0	1.83	113.85	6,308.5	-806.1	1,823.5	-1,734.1	2.00	-2.00	0.00	
6,791.5	0.00	0.00	6,400.0	-806.7	1,824.8	-1,735.3	2.00	-2.00	0.00	
6,800.0	0.00	0.00	6,408.5	-806.7	1,824.8	-1,735.3	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,508.5	-806.7	1,824.8	-1,735.3	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,608.5	-806.7	1,824.8	-1,735.3	0.00	0.00	0.00	
7,040.7	0.00	0.00	6,649.2	-806.7	1,824.8	-1,735.3	0.00	0.00	0.00	
Start Build 8.00										
7,100.0	4.74	269.37	6,708.4	-806.7	1,822.3	-1,732.9	8.00	8.00	0.00	
7,200.0	12.75	269.37	6,807.2	-806.9	1,807.2	-1,717.8	8.00	8.00	0.00	
7,300.0	20.75	269.37	6,902.9	-807.2	1,778.4	-1,689.1	8.00	8.00	0.00	
7,400.0	28.76	269.37	6,993.6	-807.7	1,736.5	-1,647.4	8.00	8.00	0.00	
7,500.0	36.76	269.37	7,077.6	-808.3	1,682.5	-1,593.5	8.00	8.00	0.00	
7,600.0	44.77	269.37	7,153.3	-809.0	1,617.2	-1,528.6	8.00	8.00	0.00	
7,700.0	52.77	269.37	7,219.2	-809.8	1,542.1	-1,453.7	8.00	8.00	0.00	
7,800.0	60.78	269.37	7,273.9	-810.7	1,458.5	-1,370.5	8.00	8.00	0.00	
7,900.0	68.78	269.37	7,316.5	-811.7	1,368.1	-1,280.4	8.00	8.00	0.00	
8,000.0	76.79	269.37	7,346.1	-812.8	1,272.7	-1,185.3	8.00	8.00	0.00	
8,100.0	84.79	269.37	7,362.0	-813.9	1,174.0	-1,087.1	8.00	8.00	0.00	
8,164.3	89.94	269.37	7,364.0	-814.6	1,110.8	-1,024.2	8.00	8.00	0.00	
8,165.3	89.94	269.37	7,364.0	-814.6	1,109.8	-1,023.2	0.00	0.00	0.00	
Start DLS 0.50 TFO 24.04 - LPL 325°FSL, 470°FEL, SEC.27										
8,166.3	89.94	269.37	7,364.0	-814.6	1,108.8	-1,022.2	0.50	0.46	0.20	
Start 10384.5 hold at 8166.3 MD										
8,200.0	89.94	269.37	7,364.0	-815.0	1,075.1	-988.6	0.00	0.00	0.00	
8,300.0	89.94	269.37	7,364.1	-816.1	975.1	-889.0	0.00	0.00	0.00	
8,400.0	89.94	269.37	7,364.2	-817.2	875.1	-789.4	0.00	0.00	0.00	
8,500.0	89.94	269.37	7,364.3	-818.3	775.1	-689.8	0.00	0.00	0.00	
8,600.0	89.94	269.37	7,364.4	-819.4	675.2	-590.2	0.00	0.00	0.00	
8,700.0	89.94	269.37	7,364.5	-820.5	575.2	-490.6	0.00	0.00	0.00	
8,800.0	89.94	269.37	7,364.6	-821.6	475.2	-390.9	0.00	0.00	0.00	
8,900.0	89.94	269.37	7,364.7	-822.7	375.2	-291.3	0.00	0.00	0.00	
9,000.0	89.94	269.37	7,364.8	-823.8	275.2	-191.7	0.00	0.00	0.00	
9,100.0	89.94	269.37	7,364.9	-824.9	175.2	-92.1	0.00	0.00	0.00	
9,200.0	89.94	269.37	7,365.0	-826.0	75.2	7.5	0.00	0.00	0.00	

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (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)
9,300.0	89.94	269.37	7,365.1	-827.1	-24.8	107.1	0.00	0.00	0.00
9,400.0	89.94	269.37	7,365.2	-828.2	-124.8	206.7	0.00	0.00	0.00
9,500.0	89.94	269.37	7,365.3	-829.3	-224.8	306.3	0.00	0.00	0.00
9,600.0	89.94	269.37	7,365.4	-830.4	-324.8	405.9	0.00	0.00	0.00
9,700.0	89.94	269.37	7,365.5	-831.5	-424.8	505.5	0.00	0.00	0.00
9,800.0	89.94	269.37	7,365.6	-832.5	-524.8	605.1	0.00	0.00	0.00
9,900.0	89.94	269.37	7,365.7	-833.6	-624.8	704.7	0.00	0.00	0.00
10,000.0	89.94	269.37	7,365.8	-834.7	-724.8	804.3	0.00	0.00	0.00
10,100.0	89.94	269.37	7,365.9	-835.8	-824.8	903.9	0.00	0.00	0.00
10,200.0	89.94	269.37	7,366.0	-836.9	-924.7	1,003.5	0.00	0.00	0.00
10,300.0	89.94	269.37	7,366.1	-838.0	-1,024.7	1,103.1	0.00	0.00	0.00
10,400.0	89.94	269.37	7,366.2	-839.1	-1,124.7	1,202.7	0.00	0.00	0.00
10,500.0	89.94	269.37	7,366.2	-840.2	-1,224.7	1,302.4	0.00	0.00	0.00
10,600.0	89.94	269.37	7,366.3	-841.3	-1,324.7	1,402.0	0.00	0.00	0.00
10,700.0	89.94	269.37	7,366.4	-842.4	-1,424.7	1,501.6	0.00	0.00	0.00
10,800.0	89.94	269.37	7,366.5	-843.5	-1,524.7	1,601.2	0.00	0.00	0.00
10,900.0	89.94	269.37	7,366.6	-844.6	-1,624.7	1,700.8	0.00	0.00	0.00
11,000.0	89.94	269.37	7,366.7	-845.7	-1,724.7	1,800.4	0.00	0.00	0.00
11,100.0	89.94	269.37	7,366.8	-846.8	-1,824.7	1,900.0	0.00	0.00	0.00
11,200.0	89.94	269.37	7,366.9	-847.9	-1,924.7	1,999.6	0.00	0.00	0.00
11,300.0	89.94	269.37	7,367.0	-849.0	-2,024.7	2,099.2	0.00	0.00	0.00
11,400.0	89.94	269.37	7,367.1	-850.1	-2,124.7	2,198.8	0.00	0.00	0.00
11,500.0	89.94	269.37	7,367.2	-851.2	-2,224.7	2,298.4	0.00	0.00	0.00
11,600.0	89.94	269.37	7,367.3	-852.3	-2,324.7	2,398.0	0.00	0.00	0.00
11,700.0	89.94	269.37	7,367.4	-853.4	-2,424.7	2,497.6	0.00	0.00	0.00
11,800.0	89.94	269.37	7,367.5	-854.5	-2,524.7	2,597.2	0.00	0.00	0.00
11,900.0	89.94	269.37	7,367.6	-855.6	-2,624.6	2,696.8	0.00	0.00	0.00
12,000.0	89.94	269.37	7,367.7	-856.7	-2,724.6	2,796.4	0.00	0.00	0.00
12,100.0	89.94	269.37	7,367.8	-857.8	-2,824.6	2,896.0	0.00	0.00	0.00
12,200.0	89.94	269.37	7,367.9	-858.9	-2,924.6	2,995.7	0.00	0.00	0.00
12,300.0	89.94	269.37	7,368.0	-860.0	-3,024.6	3,095.3	0.00	0.00	0.00
12,400.0	89.94	269.37	7,368.1	-861.1	-3,124.6	3,194.9	0.00	0.00	0.00
12,500.0	89.94	269.37	7,368.2	-862.2	-3,224.6	3,294.5	0.00	0.00	0.00
12,600.0	89.94	269.37	7,368.3	-863.3	-3,324.6	3,394.1	0.00	0.00	0.00
12,700.0	89.94	269.37	7,368.4	-864.4	-3,424.6	3,493.7	0.00	0.00	0.00
12,800.0	89.94	269.37	7,368.5	-865.5	-3,524.6	3,593.3	0.00	0.00	0.00
12,900.0	89.94	269.37	7,368.6	-866.6	-3,624.6	3,692.9	0.00	0.00	0.00
13,000.0	89.94	269.37	7,368.7	-867.7	-3,724.6	3,792.5	0.00	0.00	0.00
13,100.0	89.94	269.37	7,368.8	-868.8	-3,824.6	3,892.1	0.00	0.00	0.00
13,200.0	89.94	269.37	7,368.8	-869.9	-3,924.6	3,991.7	0.00	0.00	0.00
13,300.0	89.94	269.37	7,368.9	-871.0	-4,024.6	4,091.3	0.00	0.00	0.00
13,400.0	89.94	269.37	7,369.0	-872.1	-4,124.6	4,190.9	0.00	0.00	0.00
13,500.0	89.94	269.37	7,369.1	-873.2	-4,224.5	4,290.5	0.00	0.00	0.00
13,600.0	89.94	269.37	7,369.2	-874.3	-4,324.5	4,390.1	0.00	0.00	0.00
13,700.0	89.94	269.37	7,369.3	-875.4	-4,424.5	4,489.7	0.00	0.00	0.00
13,800.0	89.94	269.37	7,369.4	-876.5	-4,524.5	4,589.3	0.00	0.00	0.00
13,900.0	89.94	269.37	7,369.5	-877.6	-4,624.5	4,689.0	0.00	0.00	0.00
14,000.0	89.94	269.37	7,369.6	-878.7	-4,724.5	4,788.6	0.00	0.00	0.00
14,100.0	89.94	269.37	7,369.7	-879.8	-4,824.5	4,888.2	0.00	0.00	0.00
14,200.0	89.94	269.37	7,369.8	-880.9	-4,924.5	4,987.8	0.00	0.00	0.00
14,300.0	89.94	269.37	7,369.9	-882.0	-5,024.5	5,087.4	0.00	0.00	0.00
14,400.0	89.94	269.37	7,370.0	-883.1	-5,124.5	5,187.0	0.00	0.00	0.00
14,500.0	89.94	269.37	7,370.1	-884.2	-5,224.5	5,286.6	0.00	0.00	0.00
14,600.0	89.94	269.37	7,370.2	-885.3	-5,324.5	5,386.2	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (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)
14,700.0	89.94	269.37	7,370.3	-886.4	-5,424.5	5,485.8	0.00	0.00	0.00
14,800.0	89.94	269.37	7,370.4	-887.5	-5,524.5	5,585.4	0.00	0.00	0.00
14,900.0	89.94	269.37	7,370.5	-888.6	-5,624.5	5,685.0	0.00	0.00	0.00
15,000.0	89.94	269.37	7,370.6	-889.7	-5,724.5	5,784.6	0.00	0.00	0.00
15,100.0	89.94	269.37	7,370.7	-890.8	-5,824.4	5,884.2	0.00	0.00	0.00
15,200.0	89.94	269.37	7,370.8	-891.9	-5,924.4	5,983.8	0.00	0.00	0.00
15,300.0	89.94	269.37	7,370.9	-893.0	-6,024.4	6,083.4	0.00	0.00	0.00
15,400.0	89.94	269.37	7,371.0	-894.1	-6,124.4	6,183.0	0.00	0.00	0.00
15,500.0	89.94	269.37	7,371.1	-895.2	-6,224.4	6,282.6	0.00	0.00	0.00
15,600.0	89.94	269.37	7,371.2	-896.3	-6,324.4	6,382.2	0.00	0.00	0.00
15,700.0	89.94	269.37	7,371.3	-897.4	-6,424.4	6,481.9	0.00	0.00	0.00
15,800.0	89.94	269.37	7,371.4	-898.5	-6,524.4	6,581.5	0.00	0.00	0.00
15,900.0	89.94	269.37	7,371.4	-899.6	-6,624.4	6,681.1	0.00	0.00	0.00
16,000.0	89.94	269.37	7,371.5	-900.7	-6,724.4	6,780.7	0.00	0.00	0.00
16,100.0	89.94	269.37	7,371.6	-901.8	-6,824.4	6,880.3	0.00	0.00	0.00
16,200.0	89.94	269.37	7,371.7	-902.9	-6,924.4	6,979.9	0.00	0.00	0.00
16,300.0	89.94	269.37	7,371.8	-904.0	-7,024.4	7,079.5	0.00	0.00	0.00
16,400.0	89.94	269.37	7,371.9	-905.1	-7,124.4	7,179.1	0.00	0.00	0.00
16,500.0	89.94	269.37	7,372.0	-906.2	-7,224.4	7,278.7	0.00	0.00	0.00
16,600.0	89.94	269.37	7,372.1	-907.3	-7,324.4	7,378.3	0.00	0.00	0.00
16,700.0	89.94	269.37	7,372.2	-908.4	-7,424.4	7,477.9	0.00	0.00	0.00
16,800.0	89.94	269.37	7,372.3	-909.5	-7,524.3	7,577.5	0.00	0.00	0.00
16,900.0	89.94	269.37	7,372.4	-910.6	-7,624.3	7,677.1	0.00	0.00	0.00
17,000.0	89.94	269.37	7,372.5	-911.7	-7,724.3	7,776.7	0.00	0.00	0.00
17,100.0	89.94	269.37	7,372.6	-912.8	-7,824.3	7,876.3	0.00	0.00	0.00
17,200.0	89.94	269.37	7,372.7	-913.9	-7,924.3	7,975.9	0.00	0.00	0.00
17,300.0	89.94	269.37	7,372.8	-915.0	-8,024.3	8,075.5	0.00	0.00	0.00
17,400.0	89.94	269.37	7,372.9	-916.1	-8,124.3	8,175.2	0.00	0.00	0.00
17,500.0	89.94	269.37	7,373.0	-917.2	-8,224.3	8,274.8	0.00	0.00	0.00
17,600.0	89.94	269.37	7,373.1	-918.3	-8,324.3	8,374.4	0.00	0.00	0.00
17,700.0	89.94	269.37	7,373.2	-919.4	-8,424.3	8,474.0	0.00	0.00	0.00
17,800.0	89.94	269.37	7,373.3	-920.5	-8,524.3	8,573.6	0.00	0.00	0.00
17,900.0	89.94	269.37	7,373.4	-921.6	-8,624.3	8,673.2	0.00	0.00	0.00
18,000.0	89.94	269.37	7,373.5	-922.7	-8,724.3	8,772.8	0.00	0.00	0.00
18,100.0	89.94	269.37	7,373.6	-923.8	-8,824.3	8,872.4	0.00	0.00	0.00
18,200.0	89.94	269.37	7,373.7	-924.9	-8,924.3	8,972.0	0.00	0.00	0.00
18,300.0	89.94	269.37	7,373.8	-926.0	-9,024.3	9,071.6	0.00	0.00	0.00
18,400.0	89.94	269.37	7,373.9	-927.1	-9,124.2	9,171.2	0.00	0.00	0.00
18,500.0	89.94	269.37	7,374.0	-928.2	-9,224.2	9,270.8	0.00	0.00	0.00
18,550.8	89.94	269.37	7,374.0	-928.7	-9,275.0	9,321.4	0.00	0.00	0.00
TD at 18550.8 - BHL 325'FSL, 5'FWL, SEC.28									

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (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 1153'FSL, 1575'FEI - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,107.27	3,205,704.51	40.541883	-104.759854	
LPL 325'FSL, 470'FEL, 5' - plan hits target center - Point	0.00	0.00	7,364.0	-814.6	1,109.8	1,440,301.99	3,206,821.07	40.539647	-104.755861	
BHL 325'FSL, 5'FWL, 5' - plan hits target center - Point	0.00	0.00	7,374.0	-928.7	-9,275.1	1,440,101.19	3,196,437.80	40.539329	-104.793224	

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	
5,556.0	5,202.4	-141.4	319.9	Start Drop -2.00	
7,040.7	6,649.2	-700.6	1,584.9	Start Build 8.00	
8,165.3	7,364.0	-806.7	1,824.8	Start DLS 0.50 TFO 24.04	
8,166.3	7,364.0	-806.7	1,824.8	Start 10384.5 hold at 8166.3 MD	
18,550.8	7,374.0	-814.6	1,110.8	TD at 18550.8	



Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks W-27-28HC

Wellbore #1

Plan #3 (10-27-17)

Anticollision Report

30 October, 2017



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (10-27-17)	Offset TVD Reference:	Offset Datum

Reference	Plan #3 (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	10/30/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	18,550.8	Plan #3 (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
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	195.3	194.6	289.611	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Plan #2 (10-19-	2,700.0	2,507.1	787.6	764.6	34.308	SF
G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot	200.0	200.0	195.3	194.6	289.611	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot	2,700.0	2,507.1	787.6	764.6	34.308	SF
G & D Hanks N-27-28HC - Wellbore #1 - Plan #2 (10-19-	600.0	600.0	165.0	162.6	66.755	CC, ES
G & D Hanks N-27-28HC - Wellbore #1 - Plan #2 (10-19-	3,100.0	2,946.3	782.3	754.7	28.372	SF
G & D Hanks NA-27-28HN - Wellbore #1 - Plan #1 (10-1	400.0	400.0	180.3	178.8	114.625	CC, ES
G & D Hanks NA-27-28HN - Wellbore #1 - Plan #1 (10-1	2,900.0	2,718.6	793.3	768.0	31.351	SF
G & D Hanks O-27-28HN - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	150.1	149.4	222.615	CC, ES
G & D Hanks O-27-28HN - Wellbore #1 - Plan #2 (10-19-	3,100.0	2,943.5	792.8	763.0	26.561	SF
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	135.2	133.6	85.910	CC
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	500.0	498.9	135.6	133.6	67.370	ES
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	3,600.0	3,480.1	783.2	745.5	20.786	SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	105.3	104.6	156.152	CC
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	300.0	299.4	105.6	104.5	94.710	ES
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	4,000.0	3,885.4	784.0	739.0	17.418	SF
G & D Hanks QA-27-28HN - Wellbore #1 - Plan #1 (10-1	600.0	600.0	120.2	117.8	48.630	CC, ES
G & D Hanks QA-27-28HN - Wellbore #1 - Plan #1 (10-1	3,900.0	3,803.0	776.1	735.1	18.928	SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #2 (10-19-	600.0	600.0	90.0	87.5	36.400	CC, ES
G & D Hanks R-27-28HN - Wellbore #1 - Plan #2 (10-19-	4,500.0	4,418.0	781.0	728.6	14.911	SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #2 (10-19-	534.0	534.1	75.0	72.9	34.762	CC
G & D Hanks S-27-28HN - Wellbore #1 - Plan #2 (10-19-	600.0	599.9	75.1	72.6	30.712	ES
G & D Hanks S-27-28HN - Wellbore #1 - Plan #2 (10-19-	5,500.0	5,435.9	717.5	646.6	10.114	SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #3 (10-27-	427.7	427.8	59.7	58.0	35.559	CC
G & D Hanks T-27-28HC - Wellbore #1 - Plan #3 (10-27-	18,550.8	18,456.8	660.6	56.2	1.093	Level 2, ES, SF
G & D Hanks TA-27-28HN - Wellbore #1 - Plan #2 (10-27	600.0	600.0	45.2	42.7	18.272	CC
G & D Hanks TA-27-28HN - Wellbore #1 - Plan #2 (10-27	700.0	700.2	45.5	42.6	15.751	ES
G & D Hanks TA-27-28HN - Wellbore #1 - Plan #2 (10-27	18,550.8	18,152.4	636.7	70.2	1.124	Level 2, SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #2 (10-19-	604.1	604.2	29.7	27.3	12.093	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,550.8	18,328.4	506.4	-86.3	0.854	Level 1, ES, SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #2 (10-19-	396.5	396.5	14.5	12.9	9.429	CC
G & D Hanks V-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,535.8	18,439.7	189.3	-402.7	0.320	Level 1, SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,550.8	18,445.8	189.5	-403.1	0.320	Level 1, ES
G & D Hanks WA-27-28HN - Wellbore #1 - Plan #2 (10-2	400.0	400.0	14.9	13.4	9.495	CC
G & D Hanks WA-27-28HN - Wellbore #1 - Plan #2 (10-2	18,550.8	18,219.4	234.2	-1.5	0.994	Level 1, ES, SF
G & D Hanks X-27-28HN - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	29.9	29.2	44.306	CC
G & D Hanks X-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,550.8	18,425.1	195.6	-325.0	0.376	Level 1, ES, SF

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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 15-27 - Wellbore #1 - Wellbore #1	9,700.6	7,396.3	317.7	238.2	3.995	CC, ES, SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	613.8	609.3	506.4	504.5	259.511	CC, ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	2,800.0	2,852.3	778.5	765.2	58.853	SF

Offset Design														Offset Site Error:	0.0 ft
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks M-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 (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	0.08	195.3	0.3	195.3						
100.0	100.0	100.0	100.0	0.1	0.1	0.08	195.3	0.3	195.3	195.1	0.22	868.834			
200.0	200.0	200.0	200.0	0.3	0.3	0.08	195.3	0.3	195.3	194.6	0.67	289.611	CC, ES		
300.0	300.0	297.3	297.3	0.6	0.6	0.39	195.9	1.3	196.0	194.9	1.11	175.941			
400.0	400.0	394.5	394.4	0.8	0.8	1.29	197.9	4.5	198.1	196.5	1.56	127.194			
500.0	500.0	491.4	491.2	1.0	1.0	2.75	201.2	9.7	201.6	199.6	2.00	100.602			
600.0	600.0	588.0	587.3	1.2	1.2	4.70	205.8	16.9	206.9	204.4	2.46	84.267			
700.0	700.0	684.2	682.9	1.4	1.5	-107.01	211.6	26.2	214.3	211.4	2.94	72.851			
800.0	799.9	779.9	777.6	1.6	1.8	-105.14	218.7	37.4	224.4	221.0	3.41	65.753			
900.0	899.7	875.1	871.6	1.9	2.1	-103.54	227.1	50.6	236.9	233.0	3.91	60.538			
1,000.0	999.3	969.7	964.5	2.1	2.5	-102.22	236.6	65.6	251.8	247.3	4.45	56.594			
1,100.0	1,098.6	1,063.7	1,056.4	2.3	2.9	-101.16	247.2	82.5	269.0	264.0	5.03	53.512			
1,200.0	1,197.5	1,157.0	1,147.0	2.6	3.3	-100.33	259.0	101.1	288.4	282.8	5.65	51.023			
1,300.0	1,296.1	1,249.4	1,236.3	3.0	3.8	-99.70	271.8	121.4	310.0	303.7	6.33	48.951			
1,400.0	1,394.2	1,341.1	1,324.2	3.3	4.3	-99.23	285.6	143.3	333.7	326.7	7.07	47.172			
1,500.0	1,491.7	1,431.9	1,410.6	3.7	4.8	-98.88	300.4	166.8	359.5	351.6	7.88	45.626			
1,600.0	1,588.6	1,521.7	1,495.5	4.2	5.4	-98.64	316.2	191.7	387.3	378.5	8.75	44.253			
1,700.0	1,684.9	1,610.5	1,578.7	4.7	6.0	-98.48	332.8	218.0	417.0	407.3	9.69	43.023			
1,800.0	1,780.4	1,700.0	1,661.7	5.3	6.7	-98.38	350.5	246.1	448.7	438.0	10.71	41.876			
1,900.0	1,875.0	1,785.1	1,740.0	5.9	7.3	-98.29	368.4	274.4	482.2	470.4	11.79	40.889			
2,000.0	1,968.9	1,870.7	1,818.0	6.6	8.0	-98.24	387.3	304.3	517.7	504.7	12.95	39.960			
2,100.0	2,061.7	1,955.9	1,894.8	7.3	8.8	-98.20	407.0	335.6	554.9	540.7	14.19	39.111			
2,200.0	2,153.6	2,048.1	1,977.4	8.1	9.6	-98.32	428.8	370.0	593.2	577.6	15.54	38.168			
2,247.3	2,196.7	2,091.6	2,016.4	8.5	10.0	-98.44	439.0	386.2	611.4	595.2	16.20	37.734			
2,300.0	2,244.6	2,139.9	2,059.8	8.9	10.4	-98.89	450.4	404.3	631.8	614.8	16.98	37.220			
2,400.0	2,335.4	2,231.7	2,142.1	9.8	11.2	-99.68	472.1	438.6	670.6	652.2	18.45	36.343			
2,500.0	2,426.3	2,323.5	2,224.5	10.7	12.1	-100.38	493.8	472.9	709.5	689.6	19.94	35.577			
2,600.0	2,517.1	2,415.3	2,306.8	11.5	12.9	-101.01	515.4	507.2	748.5	727.1	21.45	34.903			
2,700.0	2,608.0	2,507.1	2,389.2	12.4	13.7	-101.58	537.1	541.5	787.6	764.6	22.96	34.308	SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	0.08	195.3	0.3	195.3					
100.0	100.0	100.0	100.0	0.1	0.1	0.08	195.3	0.3	195.3	195.1	0.22	868.834		
200.0	200.0	200.0	200.0	0.3	0.3	0.08	195.3	0.3	195.3	194.6	0.67	289.611	CC, ES	
300.0	300.0	297.3	297.3	0.6	0.6	0.39	195.9	1.3	196.0	194.9	1.11	175.941		
400.0	400.0	394.5	394.4	0.8	0.8	1.29	197.9	4.5	198.1	196.5	1.56	127.194		
500.0	500.0	491.4	491.2	1.0	1.0	2.75	201.2	9.7	201.6	199.6	2.00	100.602		
600.0	600.0	588.0	587.3	1.2	1.2	4.70	205.8	16.9	206.9	204.4	2.46	84.267		
700.0	700.0	684.2	682.9	1.4	1.5	-107.01	211.6	26.2	214.3	211.4	2.94	72.851		
800.0	799.9	779.9	777.6	1.6	1.8	-105.14	218.7	37.4	224.4	221.0	3.41	65.753		
900.0	899.7	875.1	871.6	1.9	2.1	-103.54	227.1	50.6	236.9	233.0	3.91	60.538		
1,000.0	999.3	969.7	964.5	2.1	2.5	-102.22	236.6	65.6	251.8	247.3	4.45	56.594		
1,100.0	1,098.6	1,063.7	1,056.4	2.3	2.9	-101.16	247.2	82.5	269.0	264.0	5.03	53.512		
1,200.0	1,197.5	1,157.0	1,147.0	2.6	3.3	-100.33	259.0	101.1	288.4	282.8	5.65	51.023		
1,300.0	1,296.1	1,249.4	1,236.3	3.0	3.8	-99.70	271.8	121.4	310.0	303.7	6.33	48.951		
1,400.0	1,394.2	1,341.1	1,324.2	3.3	4.3	-99.23	285.6	143.3	333.7	326.7	7.07	47.172		
1,500.0	1,491.7	1,431.9	1,410.6	3.7	4.8	-98.88	300.4	166.8	359.5	351.6	7.88	45.626		
1,600.0	1,588.6	1,521.7	1,495.5	4.2	5.4	-98.64	316.2	191.7	387.3	378.5	8.75	44.253		
1,700.0	1,684.9	1,610.5	1,578.7	4.7	6.0	-98.48	332.8	218.0	417.0	407.3	9.69	43.023		
1,800.0	1,780.4	1,700.0	1,661.7	5.3	6.7	-98.38	350.5	246.1	448.7	438.0	10.71	41.876		
1,900.0	1,875.0	1,785.1	1,740.0	5.9	7.3	-98.29	368.4	274.4	482.2	470.4	11.79	40.889		
2,000.0	1,968.9	1,870.7	1,818.0	6.6	8.0	-98.24	387.3	304.3	517.7	504.7	12.95	39.960		
2,100.0	2,061.7	1,955.9	1,894.8	7.3	8.8	-98.20	407.0	335.6	554.9	540.7	14.19	39.111		
2,200.0	2,153.6	2,048.1	1,977.4	8.1	9.6	-98.32	428.8	370.0	593.2	577.6	15.54	38.168		
2,247.3	2,196.7	2,091.6	2,016.4	8.5	10.0	-98.44	439.0	386.2	611.4	595.2	16.20	37.734		
2,300.0	2,244.6	2,139.9	2,059.8	8.9	10.4	-98.89	450.4	404.3	631.8	614.8	16.98	37.220		
2,400.0	2,335.4	2,231.7	2,142.1	9.8	11.2	-99.68	472.1	438.6	670.6	652.2	18.45	36.343		
2,500.0	2,426.3	2,323.5	2,224.5	10.7	12.1	-100.38	493.8	472.9	709.5	689.6	19.94	35.577		
2,600.0	2,517.1	2,415.3	2,306.8	11.5	12.9	-101.01	515.4	507.2	748.5	727.1	21.45	34.903		
2,700.0	2,608.0	2,507.1	2,389.2	12.4	13.7	-101.58	537.1	541.5	787.6	764.6	22.96	34.308	SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	0.10	165.0	0.3	165.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.10	165.0	0.3	165.0	164.8	0.22	734.300		
200.0	200.0	200.0	200.0	0.3	0.3	0.10	165.0	0.3	165.0	164.4	0.67	244.767		
300.0	300.0	300.0	300.0	0.6	0.6	0.10	165.0	0.3	165.0	163.9	1.12	146.860		
400.0	400.0	400.0	400.0	0.8	0.8	0.10	165.0	0.3	165.0	163.5	1.57	104.900		
500.0	500.0	500.0	500.0	1.0	1.0	0.10	165.0	0.3	165.0	163.0	2.02	81.589		
600.0	600.0	600.0	600.0	1.2	1.2	0.10	165.0	0.3	165.0	162.6	2.47	66.755 CC, ES		
700.0	700.0	697.9	697.9	1.4	1.5	-113.76	165.7	1.4	166.2	163.3	2.89	57.438		
800.0	799.9	795.8	795.7	1.6	1.7	-113.79	167.5	4.7	169.7	166.3	3.31	51.321		
900.0	899.7	893.5	893.2	1.9	1.9	-113.84	170.5	10.1	175.4	171.7	3.74	46.894		
1,000.0	999.3	990.9	990.3	2.1	2.1	-113.90	174.8	17.7	183.4	179.2	4.20	43.640		
1,100.0	1,098.6	1,088.1	1,086.8	2.3	2.4	-113.95	180.2	27.5	193.8	189.1	4.70	41.200		
1,200.0	1,197.5	1,184.9	1,182.6	2.6	2.6	-114.01	186.8	39.3	206.3	201.1	5.25	39.327		
1,300.0	1,296.1	1,281.2	1,277.6	3.0	3.0	-114.05	194.5	53.2	221.2	215.3	5.84	37.851		
1,400.0	1,394.2	1,377.1	1,371.7	3.3	3.3	-114.07	203.3	69.1	238.2	231.7	6.50	36.654		
1,500.0	1,491.7	1,472.3	1,464.7	3.7	3.7	-114.07	213.2	87.0	257.5	250.3	7.22	35.658		
1,600.0	1,588.6	1,566.9	1,556.6	4.2	4.1	-114.05	224.2	106.7	278.9	270.9	8.01	34.810		
1,700.0	1,684.9	1,660.8	1,647.2	4.7	4.5	-114.00	236.2	128.2	302.5	293.6	8.88	34.069		
1,800.0	1,780.4	1,754.0	1,736.5	5.3	5.0	-113.93	249.1	151.5	328.2	318.4	9.82	33.419		
1,900.0	1,875.0	1,846.3	1,824.3	5.9	5.5	-113.83	263.0	176.4	356.0	345.2	10.84	32.837		
2,000.0	1,968.9	1,937.8	1,910.7	6.6	6.1	-113.70	277.7	203.0	385.8	373.9	11.94	32.313		
2,100.0	2,061.7	2,028.4	1,995.4	7.3	6.7	-113.54	293.3	231.0	417.7	404.5	13.12	31.838		
2,200.0	2,153.6	2,118.1	2,078.5	8.1	7.3	-113.36	309.7	260.5	451.5	437.1	14.37	31.406		
2,247.3	2,196.7	2,160.2	2,117.2	8.5	7.7	-113.27	317.7	274.9	468.1	453.1	15.00	31.209		
2,300.0	2,244.6	2,206.9	2,159.9	8.9	8.0	-113.39	326.9	291.4	487.1	471.4	15.71	30.996		
2,400.0	2,335.4	2,295.8	2,240.6	9.8	8.7	-113.45	344.9	323.9	523.7	506.6	17.12	30.594		
2,500.0	2,426.3	2,388.7	2,324.7	10.7	9.5	-113.43	364.2	358.5	560.6	542.0	18.58	30.179		
2,600.0	2,517.1	2,481.7	2,408.8	11.5	10.3	-113.41	383.4	393.1	597.6	577.5	20.05	29.801		
2,700.0	2,608.0	2,574.6	2,492.9	12.4	11.1	-113.39	402.6	427.7	634.5	613.0	21.54	29.459		
2,800.0	2,698.8	2,667.5	2,577.0	13.3	11.9	-113.37	421.9	462.3	671.4	648.4	23.04	29.148		
2,900.0	2,789.6	2,760.4	2,661.0	14.2	12.7	-113.36	441.1	496.9	708.4	683.8	24.54	28.865		
3,000.0	2,880.5	2,853.4	2,745.1	15.1	13.5	-113.35	460.3	531.5	745.3	719.3	26.05	28.607		
3,100.0	2,971.3	2,946.3	2,829.2	16.0	14.3	-113.33	479.6	566.1	782.3	754.7	27.57	28.372 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	0.09	180.3	0.3	180.3					
100.0	100.0	100.0	100.0	0.1	0.1	0.09	180.3	0.3	180.3	180.1	0.22	802.378		
200.0	200.0	200.0	200.0	0.3	0.3	0.09	180.3	0.3	180.3	179.7	0.67	267.459		
300.0	300.0	300.0	300.0	0.6	0.6	0.09	180.3	0.3	180.3	179.2	1.12	160.476		
400.0	400.0	400.0	400.0	0.8	0.8	0.09	180.3	0.3	180.3	178.8	1.57	114.625 CC, ES		
500.0	500.0	497.6	497.5	1.0	1.0	0.42	181.0	1.3	181.0	179.0	2.01	89.971		
600.0	600.0	595.0	594.9	1.2	1.2	1.41	183.0	4.5	183.1	180.6	2.45	74.705		
700.0	700.0	692.2	691.9	1.4	1.4	-111.15	186.2	9.8	187.1	184.2	2.88	64.889		
800.0	799.9	789.2	788.5	1.6	1.7	-109.99	190.7	17.1	193.6	190.3	3.32	58.333		
900.0	899.7	885.8	884.5	1.9	1.9	-108.99	196.5	26.5	202.5	198.7	3.78	53.530		
1,000.0	999.3	982.0	979.7	2.1	2.2	-108.16	203.5	38.0	213.7	209.5	4.28	49.925		
1,100.0	1,098.6	1,077.7	1,074.1	2.3	2.5	-107.48	211.8	51.3	227.3	222.5	4.82	47.147		
1,200.0	1,197.5	1,172.8	1,167.6	2.6	2.9	-106.96	221.2	66.6	243.2	237.8	5.41	44.944		
1,300.0	1,296.1	1,267.3	1,259.9	3.0	3.3	-106.56	231.8	83.8	261.4	255.3	6.06	43.148		
1,400.0	1,394.2	1,361.1	1,351.0	3.3	3.7	-106.26	243.4	102.7	281.7	275.0	6.76	41.647		
1,500.0	1,491.7	1,454.2	1,440.9	3.7	4.1	-106.05	256.1	123.4	304.3	296.7	7.54	40.362		
1,600.0	1,588.6	1,546.4	1,529.3	4.2	4.6	-105.89	269.9	145.7	329.0	320.6	8.38	39.248		
1,700.0	1,684.9	1,637.7	1,616.2	4.7	5.2	-105.78	284.6	169.6	355.8	346.5	9.30	38.269		
1,800.0	1,780.4	1,728.2	1,701.6	5.3	5.7	-105.70	300.2	194.9	384.7	374.4	10.29	37.400		
1,900.0	1,875.0	1,817.6	1,785.3	5.9	6.3	-105.63	316.7	221.7	415.6	404.3	11.35	36.622		
2,000.0	1,968.9	1,906.0	1,867.3	6.6	7.0	-105.56	334.0	249.8	448.6	436.1	12.49	35.924		
2,100.0	2,061.7	1,993.4	1,947.6	7.3	7.6	-105.49	352.1	279.2	483.5	469.8	13.70	35.288		
2,200.0	2,153.6	2,079.7	2,026.1	8.1	8.3	-105.41	370.9	309.7	520.3	505.3	14.99	34.706		
2,247.3	2,196.7	2,120.2	2,062.6	8.5	8.7	-105.36	380.0	324.6	538.4	522.8	15.63	34.456		
2,300.0	2,244.6	2,166.7	2,104.4	8.9	9.1	-105.61	390.7	342.0	558.9	542.5	16.37	34.135		
2,400.0	2,335.4	2,258.7	2,187.0	9.8	9.9	-106.04	412.0	376.5	597.9	580.1	17.83	33.532		
2,500.0	2,426.3	2,350.7	2,269.5	10.7	10.7	-106.42	433.3	411.1	637.0	617.7	19.30	32.996		
2,600.0	2,517.1	2,442.7	2,352.1	11.5	11.5	-106.75	454.5	445.6	676.0	655.3	20.79	32.516		
2,700.0	2,608.0	2,534.7	2,434.7	12.4	12.3	-107.05	475.8	480.1	715.1	692.8	22.29	32.086		
2,800.0	2,698.8	2,626.6	2,517.2	13.3	13.2	-107.32	497.0	514.7	754.2	730.4	23.79	31.699		
2,900.0	2,789.6	2,718.6	2,599.8	14.2	14.0	-107.56	518.3	549.2	793.3	768.0	25.31	31.351 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	0.11	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	298.3	298.3	0.6	0.6	0.54	150.6	1.4	150.7	149.6	1.11	135.135		
400.0	400.0	396.5	396.4	0.8	0.8	1.82	152.3	4.8	152.4	150.8	1.56	97.725		
500.0	500.0	494.4	494.1	1.0	1.0	3.89	155.0	10.5	155.4	153.4	2.01	77.394		
600.0	600.0	592.0	591.3	1.2	1.3	6.63	158.7	18.4	160.0	157.6	2.46	65.034		
700.0	700.0	689.1	687.8	1.4	1.5	-104.27	163.5	28.5	166.7	163.8	2.96	56.380		
800.0	799.9	785.8	783.5	1.6	1.8	-101.69	169.3	40.8	175.9	172.5	3.43	51.215		
900.0	899.7	882.1	878.5	1.9	2.2	-99.52	176.1	55.2	187.4	183.5	3.94	47.520		
1,000.0	999.3	977.8	972.5	2.1	2.5	-97.75	183.9	71.6	201.2	196.7	4.49	44.792		
1,100.0	1,098.6	1,073.0	1,065.4	2.3	2.9	-96.34	192.6	90.0	217.0	211.9	5.08	42.701		
1,200.0	1,197.5	1,167.6	1,157.2	2.6	3.4	-95.26	202.3	110.4	234.8	229.1	5.72	41.029		
1,300.0	1,296.1	1,261.4	1,247.8	3.0	3.9	-94.46	212.8	132.7	254.6	248.2	6.42	39.637		
1,400.0	1,394.2	1,354.6	1,337.1	3.3	4.4	-93.88	224.2	156.8	276.2	269.0	7.19	38.435		
1,500.0	1,491.7	1,446.9	1,424.9	3.7	5.0	-93.47	236.5	182.6	299.6	291.6	8.02	37.371		
1,600.0	1,588.6	1,538.5	1,511.3	4.2	5.5	-93.21	249.5	210.1	324.8	315.9	8.92	36.409		
1,700.0	1,684.9	1,629.2	1,596.1	4.7	6.2	-93.05	263.2	239.1	351.8	341.9	9.90	35.530		
1,800.0	1,780.4	1,719.1	1,679.4	5.3	6.9	-92.96	277.7	269.7	380.5	369.5	10.96	34.722		
1,900.0	1,875.0	1,811.1	1,763.9	5.9	7.6	-92.98	293.3	302.6	410.7	398.5	12.11	33.907		
2,000.0	1,968.9	1,906.2	1,851.1	6.6	8.3	-93.26	309.5	336.8	441.2	427.9	13.36	33.032		
2,100.0	2,061.7	2,001.0	1,938.1	7.3	9.1	-93.76	325.7	371.0	472.0	457.3	14.68	32.156		
2,200.0	2,153.6	2,095.6	2,024.8	8.1	9.9	-94.45	341.8	405.0	503.1	487.1	16.08	31.299		
2,247.3	2,196.7	2,140.2	2,065.7	8.5	10.2	-94.83	349.4	421.1	518.0	501.2	16.76	30.904		
2,300.0	2,244.6	2,189.8	2,111.2	8.9	10.6	-95.51	357.9	439.0	534.6	517.1	17.55	30.457		
2,400.0	2,335.4	2,284.0	2,197.6	9.8	11.4	-96.69	374.0	472.9	566.4	547.3	19.07	29.703		
2,500.0	2,426.3	2,378.2	2,284.0	10.7	12.2	-97.74	390.0	506.8	598.4	577.8	20.59	29.055		
2,600.0	2,517.1	2,472.4	2,370.4	11.5	13.0	-98.69	406.1	540.8	630.5	608.4	22.13	28.494		
2,700.0	2,608.0	2,566.7	2,456.8	12.4	13.8	-99.55	422.2	574.7	662.7	639.1	23.67	28.005		
2,800.0	2,698.8	2,660.9	2,543.2	13.3	14.5	-100.33	438.2	608.6	695.1	669.9	25.21	27.576		
2,900.0	2,789.6	2,755.1	2,629.7	14.2	15.3	-101.04	454.3	642.5	727.6	700.9	26.75	27.197		
3,000.0	2,880.5	2,849.3	2,716.1	15.1	16.1	-101.68	470.4	676.5	760.2	731.9	28.30	26.861		
3,100.0	2,971.3	2,943.5	2,802.5	16.0	16.9	-102.28	486.4	710.4	792.8	763.0	29.85	26.561 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	601.370		
200.0	200.0	200.0	200.0	0.3	0.3	0.12	135.2	0.3	135.2	134.5	0.67	200.457		
300.0	300.0	300.0	300.0	0.6	0.6	0.12	135.2	0.3	135.2	134.0	1.12	120.274		
400.0	400.0	400.0	400.0	0.8	0.8	0.12	135.2	0.3	135.2	133.6	1.57	85.910 CC		
500.0	500.0	498.9	498.9	1.0	1.0	0.63	135.6	1.5	135.6	133.6	2.01	67.370 ES		
600.0	600.0	597.7	597.6	1.2	1.2	2.16	136.7	5.2	136.8	134.4	2.45	55.841		
700.0	700.0	696.3	696.0	1.4	1.4	-109.68	138.6	11.2	139.6	136.7	2.88	48.393		
800.0	799.9	794.7	794.0	1.6	1.7	-107.77	141.3	19.7	144.3	141.0	3.32	43.408		
900.0	899.7	892.8	891.4	1.9	1.9	-106.03	144.7	30.5	151.0	147.2	3.80	39.755		
1,000.0	999.3	990.6	988.2	2.1	2.2	-104.49	148.9	43.7	159.6	155.3	4.31	37.010		
1,100.0	1,098.6	1,088.0	1,084.3	2.3	2.6	-103.16	153.8	59.2	170.1	165.3	4.88	34.889		
1,200.0	1,197.5	1,185.1	1,179.6	2.6	2.9	-102.06	159.4	76.9	182.5	177.0	5.50	33.197		
1,300.0	1,296.1	1,281.7	1,273.9	3.0	3.3	-101.15	165.7	96.9	196.6	190.4	6.18	31.809		
1,400.0	1,394.2	1,377.9	1,367.2	3.3	3.8	-100.42	172.7	119.0	212.5	205.6	6.94	30.638		
1,500.0	1,491.7	1,473.5	1,459.5	3.7	4.3	-99.84	180.3	143.2	230.1	222.3	7.77	29.627		
1,600.0	1,588.6	1,568.6	1,550.5	4.2	4.8	-99.39	188.6	169.4	249.4	240.7	8.68	28.740		
1,700.0	1,684.9	1,663.2	1,640.3	4.7	5.3	-99.03	197.5	197.6	270.3	260.6	9.67	27.951		
1,800.0	1,780.4	1,757.1	1,728.7	5.3	6.0	-98.76	207.0	227.7	292.8	282.1	10.75	27.242		
1,900.0	1,875.0	1,850.3	1,815.7	5.9	6.6	-98.54	217.1	259.7	317.0	305.1	11.92	26.600		
2,000.0	1,968.9	1,944.5	1,902.8	6.6	7.3	-98.40	227.9	293.9	342.6	329.5	13.18	26.005		
2,100.0	2,061.7	2,040.9	1,991.9	7.3	8.1	-98.57	239.1	329.2	368.9	354.4	14.53	25.388		
2,200.0	2,153.6	2,137.2	2,080.7	8.1	8.8	-99.04	250.2	364.5	395.6	379.6	15.95	24.795		
2,247.3	2,196.7	2,182.6	2,122.6	8.5	9.2	-99.36	255.5	381.1	408.4	391.7	16.65	24.526		
2,300.0	2,244.6	2,233.1	2,169.2	8.9	9.6	-99.93	261.3	399.7	422.7	405.3	17.45	24.226		
2,400.0	2,335.4	2,329.0	2,257.8	9.8	10.3	-100.92	272.4	434.8	450.0	431.1	18.97	23.720		
2,500.0	2,426.3	2,424.9	2,346.3	10.7	11.1	-101.80	283.5	470.0	477.5	457.0	20.51	23.281		
2,600.0	2,517.1	2,520.9	2,434.9	11.5	11.8	-102.58	294.7	505.2	505.0	482.9	22.05	22.900		
2,700.0	2,608.0	2,616.8	2,523.4	12.4	12.6	-103.29	305.8	540.4	532.6	509.0	23.60	22.565		
2,800.0	2,698.8	2,712.7	2,612.0	13.3	13.4	-103.92	316.9	575.5	560.3	535.1	25.16	22.271		
2,900.0	2,789.6	2,808.6	2,700.5	14.2	14.1	-104.49	328.0	610.7	588.0	561.3	26.71	22.010		
3,000.0	2,880.5	2,904.5	2,789.1	15.1	14.9	-105.02	339.1	645.9	615.8	587.5	28.28	21.777		
3,100.0	2,971.3	3,000.5	2,877.6	16.0	15.7	-105.49	350.2	681.0	643.6	613.7	29.84	21.568		
3,200.0	3,062.2	3,096.4	2,966.1	16.9	16.5	-105.93	361.3	716.2	671.4	640.0	31.40	21.380		
3,300.0	3,153.0	3,192.3	3,054.7	17.8	17.2	-106.33	372.4	751.4	699.3	666.4	32.97	21.210		
3,400.0	3,243.9	3,288.2	3,143.2	18.7	18.0	-106.71	383.5	786.6	727.2	692.7	34.54	21.056		
3,500.0	3,334.7	3,384.1	3,231.8	19.6	18.8	-107.05	394.7	821.7	755.2	719.1	36.11	20.915		
3,600.0	3,425.6	3,480.1	3,320.3	20.5	19.6	-107.37	405.8	856.9	783.2	745.5	37.68	20.786 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	105.3	0.3	105.3					
100.0	100.0	100.0	100.0	0.1	0.1	0.15	105.3	0.3	105.3	105.1	0.22	468.457		
200.0	200.0	200.0	200.0	0.3	0.3	0.15	105.3	0.3	105.3	104.6	0.67	156.152 CC		
300.0	300.0	299.4	299.4	0.6	0.6	0.84	105.6	1.5	105.6	104.5	1.11	94.710 ES		
400.0	400.0	398.6	398.5	0.8	0.8	2.86	106.4	5.3	106.6	105.0	1.56	68.342		
500.0	500.0	497.6	497.3	1.0	1.0	6.13	107.8	11.6	108.5	106.5	2.01	53.976		
600.0	600.0	596.1	595.4	1.2	1.3	10.48	109.8	20.3	111.7	109.3	2.46	45.359		
700.0	700.0	694.3	692.9	1.4	1.5	-98.75	112.3	31.4	117.0	114.0	2.97	39.353		
800.0	799.9	792.1	789.8	1.6	1.9	-94.71	115.3	45.0	124.5	121.1	3.46	35.985		
900.0	899.7	889.6	885.8	1.9	2.2	-91.33	118.9	60.8	134.1	130.1	3.98	33.686		
1,000.0	999.3	986.6	981.1	2.1	2.6	-88.60	123.0	79.0	145.6	141.0	4.54	32.060		
1,100.0	1,098.6	1,083.2	1,075.3	2.3	3.0	-86.46	127.5	99.5	158.7	153.6	5.15	30.850		
1,200.0	1,197.5	1,179.3	1,168.6	2.6	3.5	-84.84	132.6	122.1	173.5	167.7	5.80	29.893		
1,300.0	1,296.1	1,274.9	1,260.8	3.0	4.0	-83.64	138.2	146.9	189.7	183.1	6.52	29.088		
1,400.0	1,394.2	1,370.0	1,351.8	3.3	4.5	-82.79	144.2	173.8	207.3	200.0	7.31	28.372		
1,500.0	1,491.7	1,464.5	1,441.6	3.7	5.1	-82.21	150.7	202.7	226.2	218.0	8.16	27.709		
1,600.0	1,588.6	1,558.5	1,530.0	4.2	5.7	-81.85	157.6	233.5	246.5	237.4	9.10	27.082		
1,700.0	1,684.9	1,654.5	1,619.8	4.7	6.4	-81.72	165.1	266.8	267.7	257.6	10.13	26.425		
1,800.0	1,780.4	1,752.2	1,711.0	5.3	7.1	-82.07	172.7	300.9	288.7	277.5	11.25	25.655		
1,900.0	1,875.0	1,849.9	1,802.2	5.9	7.8	-82.82	180.4	335.0	309.5	297.0	12.47	24.824		
2,000.0	1,968.9	1,947.5	1,893.4	6.6	8.5	-83.90	188.0	369.0	330.0	316.3	13.77	23.970		
2,100.0	2,061.7	2,044.8	1,984.3	7.3	9.3	-85.24	195.6	403.0	350.5	335.4	15.16	23.124		
2,200.0	2,153.6	2,142.0	2,075.0	8.1	10.0	-86.81	203.2	436.9	371.2	354.5	16.64	22.311		
2,247.3	2,196.7	2,187.9	2,117.9	8.5	10.3	-87.61	206.8	452.9	381.0	363.7	17.36	21.943		
2,300.0	2,244.6	2,238.9	2,165.5	8.9	10.7	-88.66	210.8	470.7	392.1	373.9	18.20	21.548		
2,400.0	2,335.4	2,335.7	2,256.0	9.8	11.4	-90.51	218.4	504.4	413.5	393.7	19.78	20.901		
2,500.0	2,426.3	2,432.6	2,346.4	10.7	12.2	-92.18	226.0	538.2	435.2	413.8	21.37	20.362		
2,600.0	2,517.1	2,529.4	2,436.9	11.5	12.9	-93.68	233.6	572.0	457.2	434.3	22.96	19.910		
2,700.0	2,608.0	2,626.3	2,527.4	12.4	13.6	-95.06	241.1	605.8	479.6	455.0	24.56	19.528		
2,800.0	2,698.8	2,723.2	2,617.8	13.3	14.3	-96.30	248.7	639.6	502.1	476.0	26.15	19.203		
2,900.0	2,789.6	2,820.0	2,708.3	14.2	15.1	-97.45	256.3	673.3	524.9	497.2	27.74	18.925		
3,000.0	2,880.5	2,916.9	2,798.7	15.1	15.8	-98.50	263.9	707.1	547.9	518.5	29.32	18.685		
3,100.0	2,971.3	3,013.7	2,889.2	16.0	16.5	-99.46	271.5	740.9	571.0	540.1	30.90	18.476		
3,200.0	3,062.2	3,110.6	2,979.6	16.9	17.3	-100.35	279.0	774.7	594.2	561.8	32.48	18.294		
3,300.0	3,153.0	3,207.4	3,070.1	17.8	18.0	-101.17	286.6	808.5	617.6	583.6	34.06	18.135		
3,400.0	3,243.9	3,304.3	3,160.5	18.7	18.7	-101.94	294.2	842.3	641.1	605.5	35.63	17.994		
3,500.0	3,334.7	3,401.1	3,251.0	19.6	19.5	-102.65	301.8	876.0	664.7	627.5	37.20	17.869		
3,600.0	3,425.6	3,498.0	3,341.4	20.5	20.2	-103.31	309.4	909.8	688.4	649.7	38.77	17.758		
3,700.0	3,516.4	3,594.8	3,431.9	21.4	20.9	-103.92	316.9	943.6	712.2	671.9	40.33	17.659		
3,800.0	3,607.2	3,691.7	3,522.4	22.3	21.6	-104.50	324.5	977.4	736.1	694.2	41.89	17.570		
3,900.0	3,698.1	3,788.5	3,612.8	23.2	22.4	-105.04	332.1	1,011.2	760.0	716.5	43.45	17.490		
4,000.0	3,788.9	3,885.4	3,703.3	24.1	23.1	-105.55	339.7	1,044.9	784.0	739.0	45.01	17.418 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	120.2	0.3	120.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.13	120.2	0.3	120.2	120.0	0.22	534.931		
200.0	200.0	200.0	200.0	0.3	0.3	0.13	120.2	0.3	120.2	119.6	0.67	178.310		
300.0	300.0	300.0	300.0	0.6	0.6	0.13	120.2	0.3	120.2	119.1	1.12	106.986		
400.0	400.0	400.0	400.0	0.8	0.8	0.13	120.2	0.3	120.2	118.7	1.57	76.419		
500.0	500.0	500.0	500.0	1.0	1.0	0.13	120.2	0.3	120.2	118.2	2.02	59.437		
600.0	600.0	600.0	600.0	1.2	1.2	0.13	120.2	0.3	120.2	117.8	2.47	48.630 CC, ES		
700.0	700.0	699.2	699.2	1.4	1.4	-113.68	120.6	1.5	121.1	118.2	2.89	41.854		
800.0	799.9	798.4	798.3	1.6	1.7	-113.56	121.5	5.3	123.6	120.3	3.30	37.437		
900.0	899.7	897.4	897.1	1.9	1.9	-113.38	123.1	11.5	127.9	124.2	3.74	34.222		
1,000.0	999.3	996.4	995.7	2.1	2.1	-113.14	125.4	20.2	133.9	129.7	4.20	31.838		
1,100.0	1,098.6	1,095.2	1,093.8	2.3	2.4	-112.86	128.2	31.3	141.5	136.8	4.71	30.028		
1,200.0	1,197.5	1,193.7	1,191.4	2.6	2.7	-112.55	131.7	44.9	150.9	145.6	5.27	28.613		
1,300.0	1,296.1	1,292.1	1,288.3	3.0	3.0	-112.21	135.8	60.8	161.9	156.0	5.89	27.473		
1,400.0	1,394.2	1,390.1	1,384.5	3.3	3.3	-111.87	140.6	79.1	174.6	168.0	6.58	26.524		
1,500.0	1,491.7	1,487.8	1,479.8	3.7	3.7	-111.52	145.9	99.7	188.9	181.6	7.35	25.714		
1,600.0	1,588.6	1,585.1	1,574.2	4.2	4.2	-111.17	151.8	122.6	204.9	196.7	8.19	25.005		
1,700.0	1,684.9	1,682.1	1,667.7	4.7	4.6	-110.82	158.2	147.7	222.5	213.4	9.13	24.377		
1,800.0	1,780.4	1,778.6	1,760.0	5.3	5.2	-110.48	165.2	175.0	241.7	231.6	10.15	23.812		
1,900.0	1,875.0	1,874.6	1,851.1	5.9	5.7	-110.14	172.8	204.3	262.5	251.3	11.27	23.300		
2,000.0	1,968.9	1,970.2	1,941.0	6.6	6.3	-109.80	180.9	235.7	284.9	272.4	12.48	22.833		
2,100.0	2,061.7	2,065.3	2,029.7	7.3	7.0	-109.47	189.5	269.1	308.8	295.0	13.78	22.414		
2,200.0	2,153.6	2,162.1	2,119.4	8.1	7.7	-109.36	198.5	304.1	333.8	318.6	15.17	22.006		
2,247.3	2,196.7	2,207.8	2,161.9	8.5	8.0	-109.44	202.8	320.7	346.0	330.1	15.85	21.832		
2,300.0	2,244.6	2,258.7	2,209.0	8.9	8.4	-109.75	207.5	339.1	359.6	343.0	16.62	21.640		
2,400.0	2,335.4	2,355.2	2,298.6	9.8	9.1	-110.29	216.5	374.0	385.5	367.4	18.09	21.308		
2,500.0	2,426.3	2,451.7	2,388.1	10.7	9.9	-110.76	225.5	408.9	411.5	391.9	19.58	21.013		
2,600.0	2,517.1	2,548.2	2,477.6	11.5	10.6	-111.17	234.5	443.8	437.5	416.4	21.08	20.750		
2,700.0	2,608.0	2,644.8	2,567.2	12.4	11.3	-111.54	243.5	478.7	463.5	440.9	22.59	20.514		
2,800.0	2,698.8	2,741.3	2,656.7	13.3	12.1	-111.87	252.5	513.6	489.5	465.4	24.11	20.303		
2,900.0	2,789.6	2,837.8	2,746.3	14.2	12.8	-112.16	261.5	548.5	515.5	489.9	25.63	20.113		
3,000.0	2,880.5	2,934.3	2,835.8	15.1	13.6	-112.43	270.5	583.4	541.5	514.4	27.16	19.942		
3,100.0	2,971.3	3,030.9	2,925.3	16.0	14.3	-112.67	279.5	618.3	567.6	538.9	28.68	19.786		
3,200.0	3,062.2	3,127.4	3,014.9	16.9	15.1	-112.90	288.5	653.2	593.6	563.4	30.22	19.644		
3,300.0	3,153.0	3,223.9	3,104.4	17.8	15.8	-113.10	297.5	688.1	619.7	587.9	31.75	19.515		
3,400.0	3,243.9	3,320.4	3,194.0	18.7	16.6	-113.28	306.5	723.0	645.7	612.4	33.29	19.397		
3,500.0	3,334.7	3,417.0	3,283.5	19.6	17.3	-113.46	315.5	757.9	671.8	637.0	34.83	19.288		
3,600.0	3,425.6	3,513.5	3,373.0	20.5	18.1	-113.62	324.5	792.8	697.9	661.5	36.37	19.187		
3,700.0	3,516.4	3,610.0	3,462.6	21.4	18.9	-113.76	333.5	827.7	724.0	686.1	37.92	19.094		
3,800.0	3,607.2	3,706.5	3,552.1	22.3	19.6	-113.90	342.4	862.6	750.1	710.6	39.46	19.008		
3,900.0	3,698.1	3,803.0	3,641.7	23.2	20.4	-114.03	351.4	897.5	776.1	735.1	41.01	18.928 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	90.0	0.0	90.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	90.0	0.0	90.0	89.8	0.22	400.396		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	90.0	0.0	90.0	89.3	0.67	133.465		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	90.0	0.0	90.0	88.9	1.12	80.079		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	90.0	0.0	90.0	88.4	1.57	57.199		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	90.0	0.0	90.0	88.0	2.02	44.488		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	90.0	0.0	90.0	87.5	2.47	36.400 CC, ES		
700.0	700.0	699.7	699.7	1.4	1.4	-113.78	90.2	1.3	90.7	87.8	2.89	31.359		
800.0	799.9	799.3	799.2	1.6	1.7	-113.58	90.7	5.1	92.8	89.5	3.30	28.129		
900.0	899.7	898.9	898.6	1.9	1.9	-113.26	91.6	11.6	96.4	92.7	3.74	25.812		
1,000.0	999.3	998.4	997.6	2.1	2.1	-112.85	92.9	20.5	101.4	97.2	4.20	24.124		
1,100.0	1,098.6	1,097.7	1,096.3	2.3	2.4	-112.37	94.6	32.1	107.8	103.1	4.71	22.868		
1,200.0	1,197.5	1,196.9	1,194.5	2.6	2.7	-111.86	96.5	46.1	115.6	110.4	5.28	21.905		
1,300.0	1,296.1	1,296.0	1,292.1	3.0	3.0	-111.32	98.9	62.6	124.9	119.0	5.91	21.140		
1,400.0	1,394.2	1,394.8	1,389.1	3.3	3.3	-110.79	101.6	81.6	135.5	128.9	6.61	20.509		
1,500.0	1,491.7	1,493.4	1,485.2	3.7	3.7	-110.26	104.6	103.0	147.6	140.2	7.39	19.971		
1,600.0	1,588.6	1,591.7	1,580.6	4.2	4.2	-109.75	108.0	126.7	161.0	152.8	8.26	19.499		
1,700.0	1,684.9	1,689.7	1,675.0	4.7	4.7	-109.26	111.7	152.9	175.8	166.6	9.22	19.077		
1,800.0	1,780.4	1,787.5	1,768.4	5.3	5.2	-108.79	115.8	181.3	192.0	181.7	10.27	18.694		
1,900.0	1,875.0	1,884.9	1,860.8	5.9	5.8	-108.34	120.1	211.9	209.5	198.1	11.42	18.342		
2,000.0	1,968.9	1,981.9	1,952.0	6.6	6.4	-107.91	124.8	244.8	228.3	215.7	12.67	18.018		
2,100.0	2,061.7	2,078.6	2,042.0	7.3	7.1	-107.50	129.8	279.8	248.5	234.5	14.03	17.717		
2,200.0	2,153.6	2,175.7	2,131.5	8.1	7.8	-107.18	135.0	316.9	269.9	254.4	15.48	17.438		
2,247.3	2,196.7	2,221.8	2,174.0	8.5	8.2	-107.18	137.5	334.6	280.3	264.1	16.19	17.314		
2,300.0	2,244.6	2,273.2	2,221.4	8.9	8.6	-107.40	140.3	354.4	291.9	274.9	16.99	17.179		
2,400.0	2,335.4	2,370.7	2,311.2	9.8	9.4	-107.77	145.7	391.9	314.1	295.6	18.54	16.943		
2,500.0	2,426.3	2,468.2	2,401.0	10.7	10.1	-108.10	151.0	429.4	336.3	316.2	20.10	16.730		
2,600.0	2,517.1	2,565.7	2,490.9	11.5	10.9	-108.38	156.3	466.8	358.5	336.8	21.68	16.540		
2,700.0	2,608.0	2,663.1	2,580.7	12.4	11.7	-108.63	161.6	504.3	380.7	357.5	23.26	16.369		
2,800.0	2,698.8	2,760.6	2,670.6	13.3	12.5	-108.85	167.0	541.8	402.9	378.1	24.85	16.215		
2,900.0	2,789.6	2,858.1	2,760.4	14.2	13.3	-109.05	172.3	579.3	425.1	398.7	26.45	16.075		
3,000.0	2,880.5	2,955.6	2,850.2	15.1	14.1	-109.24	177.6	616.8	447.4	419.3	28.05	15.949		
3,100.0	2,971.3	3,053.1	2,940.1	16.0	14.9	-109.40	182.9	654.2	469.6	439.9	29.66	15.835		
3,200.0	3,062.2	3,150.6	3,029.9	16.9	15.7	-109.55	188.3	691.7	491.8	460.6	31.27	15.730		
3,300.0	3,153.0	3,248.1	3,119.8	17.8	16.5	-109.68	193.6	729.2	514.1	481.2	32.88	15.634		
3,400.0	3,243.9	3,345.6	3,209.6	18.7	17.3	-109.81	198.9	766.7	536.3	501.8	34.50	15.547		
3,500.0	3,334.7	3,443.1	3,299.4	19.6	18.1	-109.92	204.3	804.2	558.5	522.4	36.11	15.466		
3,600.0	3,425.6	3,540.6	3,389.3	20.5	18.9	-110.03	209.6	841.7	580.8	543.0	37.73	15.391		
3,700.0	3,516.4	3,638.0	3,479.1	21.4	19.7	-110.12	214.9	879.1	603.0	563.7	39.36	15.322		
3,800.0	3,607.2	3,735.5	3,569.0	22.3	20.5	-110.22	220.2	916.6	625.3	584.3	40.98	15.257		
3,900.0	3,698.1	3,833.0	3,658.8	23.2	21.3	-110.30	225.6	954.1	647.5	604.9	42.60	15.198		
4,000.0	3,788.9	3,930.5	3,748.6	24.1	22.1	-110.38	230.9	991.6	669.7	625.5	44.23	15.142		
4,100.0	3,879.8	4,028.0	3,838.5	25.0	22.9	-110.45	236.2	1,029.1	692.0	646.1	45.86	15.090		
4,200.0	3,970.6	4,125.5	3,928.3	25.9	23.7	-110.52	241.5	1,066.5	714.2	666.7	47.49	15.041		
4,300.0	4,061.5	4,223.0	4,018.1	26.8	24.5	-110.59	246.9	1,104.0	736.5	687.4	49.12	14.995		
4,400.0	4,152.3	4,320.5	4,108.0	27.7	25.3	-110.65	252.2	1,141.5	758.7	708.0	50.74	14.952		
4,500.0	4,243.1	4,418.0	4,197.8	28.6	26.1	-110.71	257.5	1,179.0	781.0	728.6	52.38	14.911 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	75.1	0.0	75.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	75.1	0.0	75.1	74.8	0.22	333.939		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	75.1	0.0	75.1	74.4	0.67	111.313		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	75.1	0.0	75.1	73.9	1.12	66.788		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	75.1	0.0	75.1	73.5	1.57	47.706		
500.0	500.0	500.0	500.0	1.0	1.0	1.00	75.0	1.3	75.0	73.0	2.01	37.322		
534.0	534.0	534.1	534.0	1.1	1.1	1.80	75.0	2.4	75.0	72.9	2.16	34.762 CC		
600.0	600.0	599.9	599.8	1.2	1.2	3.99	74.9	5.2	75.1	72.6	2.44	30.712 ES		
700.0	700.0	699.7	699.3	1.4	1.4	-105.85	74.7	11.7	76.0	73.1	2.88	26.398		
800.0	799.9	799.2	798.5	1.6	1.7	-101.94	74.4	20.8	78.2	74.9	3.32	23.548		
900.0	899.7	898.6	897.2	1.9	2.0	-98.28	74.0	32.5	81.8	78.0	3.80	21.503		
1,000.0	999.3	997.8	995.3	2.1	2.3	-95.01	73.6	46.7	86.6	82.3	4.33	20.003		
1,100.0	1,098.6	1,096.8	1,092.9	2.3	2.6	-92.18	73.1	63.3	92.7	87.8	4.91	18.870		
1,200.0	1,197.5	1,195.5	1,189.8	2.6	3.0	-89.80	72.5	82.5	99.9	94.4	5.56	17.984		
1,300.0	1,296.1	1,294.1	1,285.9	3.0	3.4	-87.85	71.8	104.1	108.3	102.0	6.27	17.266		
1,400.0	1,394.2	1,392.4	1,381.3	3.3	3.8	-86.29	71.0	128.1	117.6	110.5	7.06	16.662		
1,500.0	1,491.7	1,490.5	1,475.7	3.7	4.4	-85.07	70.2	154.5	127.9	120.0	7.93	16.137		
1,600.0	1,588.6	1,588.3	1,569.2	4.2	4.9	-84.13	69.3	183.3	139.2	130.3	8.88	15.668		
1,700.0	1,684.9	1,685.8	1,661.7	4.7	5.5	-83.43	68.3	214.3	151.3	141.4	9.93	15.241		
1,800.0	1,780.4	1,783.1	1,753.1	5.3	6.2	-82.91	67.3	247.6	164.4	153.3	11.07	14.848		
1,900.0	1,875.0	1,880.4	1,843.6	5.9	6.9	-82.56	66.2	283.1	178.3	166.0	12.31	14.482		
2,000.0	1,968.9	1,979.4	1,935.4	6.6	7.6	-82.76	65.0	320.2	192.3	178.6	13.66	14.074		
2,100.0	2,061.7	2,078.3	2,027.2	7.3	8.4	-83.63	63.9	357.3	206.0	190.9	15.11	13.631		
2,200.0	2,153.6	2,177.2	2,118.9	8.1	9.2	-85.06	62.7	394.3	219.6	202.9	16.66	13.177		
2,247.3	2,196.7	2,224.0	2,162.2	8.5	9.5	-85.89	62.1	411.8	226.0	208.6	17.43	12.966		
2,300.0	2,244.6	2,276.0	2,210.4	8.9	9.9	-86.95	61.5	431.3	233.2	214.9	18.30	12.742		
2,400.0	2,335.4	2,374.7	2,302.0	9.8	10.7	-88.79	60.4	468.2	247.0	227.1	19.96	12.376		
2,500.0	2,426.3	2,473.5	2,393.5	10.7	11.5	-90.44	59.2	505.2	261.1	239.4	21.62	12.073		
2,600.0	2,517.1	2,572.2	2,485.1	11.5	12.3	-91.91	58.1	542.2	275.3	252.0	23.29	11.820		
2,700.0	2,608.0	2,671.0	2,576.6	12.4	13.0	-93.25	56.9	579.2	289.7	264.8	24.96	11.607		
2,800.0	2,698.8	2,769.7	2,668.2	13.3	13.8	-94.45	55.7	616.1	304.3	277.6	26.63	11.427		
2,900.0	2,789.6	2,868.5	2,759.7	14.2	14.6	-95.54	54.6	653.1	318.9	290.6	28.29	11.272		
3,000.0	2,880.5	2,967.2	2,851.3	15.1	15.4	-96.54	53.4	690.1	333.7	303.7	29.96	11.139		
3,100.0	2,971.3	3,065.9	2,942.8	16.0	16.2	-97.46	52.3	727.0	348.6	316.9	31.62	11.023		
3,200.0	3,062.2	3,164.7	3,034.4	16.9	17.0	-98.30	51.1	764.0	363.5	330.2	33.28	10.923		
3,300.0	3,153.0	3,263.4	3,125.9	17.8	17.8	-99.07	49.9	801.0	378.5	343.6	34.94	10.834		
3,400.0	3,243.9	3,362.2	3,217.5	18.7	18.6	-99.78	48.8	838.0	393.6	357.0	36.59	10.756		
3,500.0	3,334.7	3,460.9	3,309.0	19.6	19.3	-100.44	47.6	874.9	408.7	370.5	38.24	10.687		
3,600.0	3,425.6	3,559.7	3,400.6	20.5	20.1	-101.06	46.5	911.9	423.9	384.0	39.90	10.625		
3,700.0	3,516.4	3,658.4	3,492.2	21.4	20.9	-101.63	45.3	948.9	439.1	397.6	41.54	10.570		
3,800.0	3,607.2	3,757.1	3,583.7	22.3	21.7	-102.16	44.1	985.8	454.4	411.2	43.19	10.521		
3,900.0	3,698.1	3,855.9	3,675.3	23.2	22.5	-102.66	43.0	1,022.8	469.7	424.9	44.83	10.476		
4,000.0	3,788.9	3,954.6	3,766.8	24.1	23.3	-103.13	41.8	1,059.8	485.0	438.6	46.48	10.436		
4,100.0	3,879.8	4,053.4	3,858.4	25.0	24.1	-103.57	40.7	1,096.8	500.4	452.3	48.12	10.399		
4,200.0	3,970.6	4,152.1	3,949.9	25.9	24.9	-103.98	39.5	1,133.7	515.8	466.0	49.76	10.366		
4,300.0	4,061.5	4,250.9	4,041.5	26.8	25.7	-104.37	38.3	1,170.7	531.2	479.8	51.39	10.336		
4,400.0	4,152.3	4,349.6	4,133.0	27.7	26.5	-104.74	37.2	1,207.7	546.6	493.6	53.03	10.308		
4,500.0	4,243.1	4,448.3	4,224.6	28.6	27.3	-105.08	36.0	1,244.6	562.1	507.4	54.66	10.282		
4,600.0	4,334.0	4,547.1	4,316.1	29.5	28.1	-105.41	34.9	1,281.6	577.6	521.3	56.30	10.259		
4,700.0	4,424.8	4,645.8	4,407.7	30.4	28.9	-105.72	33.7	1,318.6	593.1	535.1	57.93	10.237		
4,800.0	4,515.7	4,744.6	4,499.2	31.4	29.7	-106.02	32.5	1,355.6	608.6	549.0	59.56	10.217		
4,900.0	4,606.5	4,843.3	4,590.8	32.3	30.5	-106.30	31.4	1,392.5	624.1	562.9	61.19	10.199		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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 S-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 (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,697.4	4,942.1	4,682.3	33.2	31.2	-106.56	30.2	1,429.5	639.6	576.8	62.82	10.182	
5,100.0	4,788.2	5,040.8	4,773.9	34.1	32.0	-106.82	29.1	1,466.5	655.2	590.7	64.45	10.166	
5,200.0	4,879.1	5,139.5	4,865.4	35.0	32.8	-107.06	27.9	1,503.4	670.7	604.7	66.08	10.151	
5,300.0	4,969.9	5,238.3	4,957.0	35.9	33.6	-107.29	26.7	1,540.4	686.3	618.6	67.71	10.137	
5,400.0	5,060.7	5,337.0	5,048.5	36.8	34.4	-107.51	25.6	1,577.4	701.9	632.6	69.33	10.124	
5,500.0	5,151.6	5,435.9	5,140.3	37.7	35.2	-107.73	24.4	1,614.4	717.5	646.6	70.94	10.114 SF	
5,556.0	5,202.4	5,491.8	5,192.3	38.2	35.6	-107.91	23.8	1,634.5	726.2	654.4	71.79	10.116	
5,600.0	5,242.6	5,535.6	5,233.5	38.6	35.9	-108.21	23.3	1,649.6	732.9	660.6	72.36	10.129	
5,700.0	5,334.7	5,635.3	5,327.9	39.3	36.4	-108.88	22.3	1,681.6	747.3	673.8	73.50	10.168	
5,800.0	5,428.2	5,735.0	5,423.4	39.9	36.9	-109.52	21.4	1,710.3	760.6	686.0	74.52	10.207	
5,900.0	5,522.8	5,834.7	5,519.8	40.4	37.3	-110.13	20.6	1,735.6	772.6	697.2	75.42	10.244	
6,000.0	5,618.5	5,934.3	5,617.0	40.9	37.7	-110.72	19.9	1,757.6	783.4	707.2	76.21	10.280	
6,100.0	5,715.2	6,033.9	5,714.8	41.4	38.0	-111.29	19.4	1,776.1	792.9	716.1	76.88	10.314	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	60.1	0.0	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	60.1	0.0	60.1	59.9	0.22	267.429		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	60.1	0.0	60.1	59.4	0.67	89.143		
300.0	300.0	300.2	300.1	0.6	0.6	1.25	60.0	1.3	60.0	58.9	1.11	53.913		
400.0	400.0	400.2	400.1	0.8	0.8	5.00	59.5	5.2	59.7	58.2	1.55	38.438		
427.7	427.7	427.8	427.7	0.8	0.8	6.49	59.3	6.7	59.7	58.0	1.68	35.559 CC		
500.0	500.0	499.9	499.6	1.0	1.0	11.25	58.8	11.7	59.9	57.9	2.01	29.877		
600.0	600.0	599.3	598.5	1.2	1.3	19.73	57.8	20.7	61.4	58.9	2.46	24.939		
700.0	700.0	698.2	696.8	1.4	1.5	-85.20	56.4	32.2	65.0	62.0	2.98	21.804		
800.0	799.9	796.9	794.4	1.6	1.9	-77.60	54.9	46.2	70.7	67.2	3.47	20.373		
900.0	899.7	895.2	891.4	1.9	2.2	-71.48	53.0	62.7	78.1	74.1	3.98	19.598		
1,000.0	999.3	993.3	987.6	2.1	2.6	-66.74	50.8	81.6	86.9	82.3	4.53	19.175		
1,100.0	1,098.6	1,091.1	1,083.0	2.3	3.0	-63.16	48.4	102.8	96.7	91.6	5.11	18.924		
1,200.0	1,197.5	1,188.5	1,177.5	2.6	3.5	-60.49	45.7	126.4	107.4	101.7	5.73	18.742		
1,300.0	1,296.1	1,285.7	1,271.1	3.0	4.0	-58.55	42.8	152.3	118.9	112.5	6.40	18.570		
1,400.0	1,394.2	1,382.5	1,363.7	3.3	4.6	-57.17	39.6	180.4	130.9	123.8	7.12	18.380		
1,500.0	1,491.7	1,479.1	1,455.3	3.7	5.2	-56.21	36.1	210.8	143.5	135.6	7.91	18.149		
1,600.0	1,588.6	1,575.3	1,545.7	4.2	5.9	-55.60	32.4	243.3	156.6	147.8	8.76	17.880		
1,700.0	1,684.9	1,671.1	1,635.0	4.7	6.6	-55.24	28.5	278.0	170.2	160.5	9.68	17.576		
1,800.0	1,780.4	1,769.9	1,726.5	5.3	7.4	-55.29	24.3	315.1	183.4	172.7	10.71	17.129		
1,900.0	1,875.0	1,869.2	1,818.4	5.9	8.1	-55.97	20.0	352.4	195.2	183.4	11.84	16.483		
2,000.0	1,968.9	1,968.5	1,910.3	6.6	8.9	-57.18	15.8	389.7	205.7	192.6	13.10	15.695		
2,100.0	2,061.7	2,067.9	2,002.3	7.3	9.7	-58.87	11.5	427.0	214.8	200.3	14.50	14.817		
2,200.0	2,153.6	2,167.2	2,094.3	8.1	10.5	-61.00	7.3	464.3	222.9	206.9	16.04	13.895		
2,247.3	2,196.7	2,214.1	2,137.7	8.5	10.9	-62.16	5.3	482.0	226.5	209.6	16.83	13.456		
2,300.0	2,244.6	2,266.4	2,186.1	8.9	11.3	-63.53	3.1	501.6	230.3	212.6	17.73	12.989		
2,400.0	2,335.4	2,365.6	2,277.9	9.8	12.1	-66.00	-1.2	538.9	238.1	218.6	19.48	12.221		
2,500.0	2,426.3	2,464.7	2,369.7	10.7	12.9	-68.32	-5.4	576.1	246.2	225.0	21.26	11.582		
2,600.0	2,517.1	2,563.9	2,461.6	11.5	13.7	-70.49	-9.7	613.4	254.7	231.7	23.05	11.049		
2,700.0	2,608.0	2,663.1	2,553.4	12.4	14.5	-72.51	-13.9	650.7	263.6	238.7	24.86	10.601		
2,800.0	2,698.8	2,762.3	2,645.2	13.3	15.3	-74.40	-18.1	687.9	272.8	246.1	26.68	10.222		
2,900.0	2,789.6	2,861.5	2,737.0	14.2	16.1	-76.17	-22.4	725.2	282.2	253.7	28.50	9.901		
3,000.0	2,880.5	2,960.7	2,828.9	15.1	16.9	-77.82	-26.6	762.4	291.9	261.6	30.32	9.626		
3,100.0	2,971.3	3,059.9	2,920.7	16.0	17.7	-79.36	-30.8	799.7	301.8	269.7	32.14	9.391		
3,200.0	3,062.2	3,159.0	3,012.5	16.9	18.5	-80.81	-35.1	837.0	311.9	278.0	33.95	9.187		
3,300.0	3,153.0	3,258.2	3,104.3	17.8	19.3	-82.17	-39.3	874.2	322.3	286.5	35.76	9.011		
3,400.0	3,243.9	3,357.4	3,196.1	18.7	20.1	-83.44	-43.6	911.5	332.7	295.2	37.56	8.858		
3,500.0	3,334.7	3,456.6	3,288.0	19.6	20.9	-84.63	-47.8	948.7	343.4	304.0	39.36	8.724		
3,600.0	3,425.6	3,555.8	3,379.8	20.5	21.7	-85.75	-52.0	986.0	354.1	313.0	41.15	8.607		
3,700.0	3,516.4	3,655.0	3,471.6	21.4	22.6	-86.81	-56.3	1,023.3	365.0	322.1	42.93	8.504		
3,800.0	3,607.2	3,754.1	3,563.4	22.3	23.4	-87.80	-60.5	1,060.5	376.0	331.3	44.70	8.413		
3,900.0	3,698.1	3,853.3	3,655.3	23.2	24.2	-88.74	-64.7	1,097.8	387.2	340.7	46.47	8.332		
4,000.0	3,788.9	3,952.5	3,747.1	24.1	25.0	-89.62	-69.0	1,135.0	398.4	350.2	48.23	8.261		
4,100.0	3,879.8	4,051.7	3,838.9	25.0	25.8	-90.46	-73.2	1,172.3	409.7	359.7	49.98	8.197		
4,200.0	3,970.6	4,150.9	3,930.7	25.9	26.6	-91.25	-77.5	1,209.6	421.1	369.3	51.73	8.140		
4,300.0	4,061.5	4,250.1	4,022.5	26.8	27.4	-92.00	-81.7	1,246.8	432.5	379.1	53.47	8.090		
4,400.0	4,152.3	4,349.3	4,114.4	27.7	28.2	-92.71	-85.9	1,284.1	444.1	388.9	55.20	8.044		
4,500.0	4,243.1	4,448.4	4,206.2	28.6	29.0	-93.39	-90.2	1,321.3	455.7	398.7	56.93	8.003		
4,600.0	4,334.0	4,547.6	4,298.0	29.5	29.8	-94.03	-94.4	1,358.6	467.3	408.7	58.66	7.967		
4,700.0	4,424.8	4,646.8	4,389.8	30.4	30.6	-94.64	-98.6	1,395.9	479.0	418.7	60.38	7.934		
4,800.0	4,515.7	4,746.0	4,481.7	31.4	31.5	-95.22	-102.9	1,433.1	490.8	428.7	62.09	7.904		
4,900.0	4,606.5	4,845.2	4,573.5	32.3	32.3	-95.78	-107.1	1,470.4	502.6	438.8	63.80	7.877		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	4,697.4	4,944.4	4,665.3	33.2	33.1	-96.30	-111.4	1,507.6	514.5	449.0	65.51	7.853		
5,100.0	4,788.2	5,043.6	4,757.1	34.1	33.9	-96.81	-115.6	1,544.9	526.4	459.1	67.21	7.831		
5,200.0	4,879.1	5,142.7	4,849.0	35.0	34.7	-97.29	-119.8	1,582.2	538.3	469.4	68.91	7.811		
5,300.0	4,969.9	5,242.6	4,941.5	35.9	35.5	-97.77	-124.1	1,619.6	550.3	479.7	70.58	7.796		
5,400.0	5,060.7	5,344.4	5,036.7	36.8	36.1	-98.50	-128.1	1,655.2	561.9	489.8	72.12	7.791		
5,500.0	5,151.6	5,445.6	5,132.6	37.7	36.7	-99.56	-131.8	1,687.4	573.3	499.7	73.52	7.797		
5,556.0	5,202.4	5,501.9	5,186.4	38.2	37.0	-100.28	-133.7	1,703.8	579.5	505.3	74.27	7.803		
5,600.0	5,242.6	5,546.1	5,228.9	38.6	37.2	-100.97	-135.0	1,715.9	584.4	509.6	74.78	7.815		
5,700.0	5,334.7	5,646.2	5,325.7	39.3	37.6	-102.50	-137.9	1,741.0	595.0	519.2	75.77	7.852		
5,800.0	5,428.2	5,745.9	5,423.0	39.9	38.0	-103.97	-140.4	1,762.7	604.9	528.3	76.62	7.895		
5,900.0	5,522.8	5,845.3	5,520.7	40.4	38.3	-105.38	-142.4	1,780.9	614.1	536.8	77.32	7.943		
6,000.0	5,618.5	5,944.3	5,618.6	40.9	38.6	-106.75	-144.1	1,795.7	622.6	544.8	77.88	7.994		
6,100.0	5,715.2	6,042.9	5,716.5	41.4	38.8	-108.08	-145.4	1,807.0	630.4	552.1	78.31	8.050		
6,200.0	5,812.7	6,141.1	5,814.4	41.8	39.0	-109.36	-146.3	1,815.0	637.4	558.8	78.60	8.110		
6,300.0	5,910.9	6,239.0	5,912.1	42.1	39.1	-110.62	-146.8	1,819.7	643.7	565.0	78.77	8.172		
6,400.0	6,009.7	6,336.6	6,009.7	42.4	39.2	-111.84	-147.0	1,821.0	649.2	570.4	78.82	8.237		
6,500.0	6,109.0	6,435.9	6,109.0	42.6	39.2	-112.89	-147.0	1,821.0	653.8	575.0	78.82	8.295		
6,600.0	6,208.7	6,535.5	6,208.7	42.8	39.3	-113.62	-147.0	1,821.0	657.1	578.3	78.85	8.334		
6,700.0	6,308.5	6,635.4	6,308.5	42.9	39.4	-114.05	-147.0	1,821.0	659.1	580.2	78.90	8.353		
6,791.5	6,400.0	6,726.9	6,400.0	43.0	39.4	-0.33	-147.0	1,821.0	659.7	616.5	43.20	15.273		
6,800.0	6,408.5	6,735.4	6,408.5	43.0	39.5	-0.33	-147.0	1,821.0	659.7	616.5	43.22	15.265		
6,900.0	6,508.5	6,835.4	6,508.5	43.0	39.5	-0.33	-147.0	1,821.0	659.7	616.3	43.47	15.178		
7,000.0	6,608.5	6,935.4	6,608.5	43.1	39.6	-0.33	-147.0	1,821.0	659.7	616.0	43.72	15.090		
7,040.7	6,649.2	6,976.1	6,649.2	43.1	39.6	-0.33	-147.0	1,821.0	659.7	615.9	43.82	15.055		
7,050.0	6,658.5	6,985.4	6,658.6	43.1	39.6	90.30	-147.0	1,820.9	659.7	580.3	79.39	8.310		
7,100.0	6,708.4	7,035.6	6,708.7	43.1	39.6	90.29	-147.0	1,818.4	659.7	580.3	79.39	8.310		
7,108.5	6,716.9	7,044.2	6,717.3	43.1	39.6	90.29	-147.0	1,817.7	659.7	580.3	79.38	8.311		
7,150.0	6,758.1	7,085.9	6,758.6	43.1	39.6	90.28	-147.1	1,812.4	659.7	580.4	79.32	8.317		
7,200.0	6,807.2	7,136.1	6,807.9	43.0	39.5	90.27	-147.2	1,803.0	659.7	580.5	79.18	8.332		
7,250.0	6,855.5	7,186.3	6,856.4	43.0	39.5	90.26	-147.3	1,790.0	659.7	580.7	78.99	8.352		
7,300.0	6,902.9	7,236.5	6,903.9	42.8	39.3	90.25	-147.5	1,773.8	659.7	581.0	78.75	8.378		
7,350.0	6,949.0	7,286.7	6,950.1	42.7	39.2	90.23	-147.7	1,754.2	659.7	581.2	78.48	8.407		
7,400.0	6,993.6	7,336.9	6,994.8	42.6	39.1	90.22	-148.0	1,731.5	659.7	581.5	78.18	8.438		
7,450.0	7,036.6	7,387.0	7,037.8	42.4	38.9	90.20	-148.3	1,705.7	659.7	581.9	77.88	8.471		
7,500.0	7,077.6	7,437.2	7,078.9	42.3	38.8	90.19	-148.6	1,676.9	659.7	582.2	77.58	8.504		
7,550.0	7,116.6	7,487.3	7,117.9	42.2	38.6	90.17	-148.9	1,645.4	659.7	582.4	77.29	8.536		
7,600.0	7,153.3	7,537.5	7,154.5	42.1	38.5	90.15	-149.3	1,611.2	659.7	582.7	77.03	8.564		
7,650.0	7,187.6	7,587.6	7,188.6	41.9	38.4	90.13	-149.7	1,574.5	659.7	582.9	76.82	8.588		
7,700.0	7,219.2	7,637.7	7,220.1	41.9	38.3	90.11	-150.1	1,535.6	659.7	583.1	76.65	8.607		
7,750.0	7,248.0	7,687.7	7,248.8	41.8	38.2	90.09	-150.6	1,494.6	659.7	583.2	76.55	8.618		
7,800.0	7,273.9	7,737.8	7,274.6	41.7	38.2	90.07	-151.0	1,451.6	659.7	583.2	76.52	8.621		
7,850.0	7,296.8	7,787.8	7,297.2	41.7	38.2	90.05	-151.5	1,407.0	659.8	583.2	76.57	8.616		
7,900.0	7,316.5	7,837.9	7,316.7	41.7	38.3	90.03	-152.0	1,361.0	659.8	583.1	76.71	8.601		
7,950.0	7,332.9	7,887.9	7,333.0	41.8	38.4	90.00	-152.5	1,313.7	659.8	582.8	76.93	8.576		
8,000.0	7,346.1	7,937.9	7,345.8	41.9	38.5	89.98	-153.1	1,265.4	659.8	582.5	77.23	8.542		
8,050.0	7,355.8	7,987.8	7,355.3	42.0	38.7	89.96	-153.6	1,216.3	659.8	582.1	77.63	8.499		
8,100.0	7,362.0	8,037.8	7,361.3	42.1	38.9	89.94	-154.1	1,166.8	659.8	581.7	78.09	8.448		
8,150.0	7,364.8	8,087.8	7,363.9	42.3	39.2	89.92	-154.7	1,116.9	659.8	581.1	78.64	8.390		
8,164.3	7,364.0	8,101.1	7,364.0	42.4	39.3	90.00	-154.8	1,103.6	659.8	581.0	78.80	8.373		
8,165.3	7,364.0	8,102.1	7,364.0	42.4	39.3	90.00	-154.8	1,102.6	659.8	581.0	78.81	8.372		
8,166.3	7,364.0	8,103.1	7,364.0	42.4	39.3	90.00	-154.9	1,101.5	659.8	581.0	78.82	8.370		
8,200.0	7,364.0	8,136.8	7,364.0	42.5	39.5	90.00	-155.2	1,067.9	659.8	580.5	79.26	8.324		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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)						
8,300.0	7,364.1	8,236.8	7,364.1	43.0	40.2	90.00	-156.3	967.9	659.8	579.0	80.76	8.170		
8,400.0	7,364.2	8,336.8	7,364.2	43.7	41.1	90.00	-157.4	867.9	659.8	577.2	82.61	7.986		
8,500.0	7,364.3	8,436.8	7,364.3	44.6	42.2	90.00	-158.5	767.9	659.8	575.0	84.80	7.780		
8,600.0	7,364.4	8,536.8	7,364.4	45.6	43.4	90.00	-159.6	667.9	659.8	572.5	87.30	7.557		
8,700.0	7,364.5	8,636.8	7,364.5	46.8	44.8	90.00	-160.7	567.9	659.8	569.7	90.08	7.324		
8,800.0	7,364.6	8,736.8	7,364.6	48.1	46.3	90.00	-161.8	467.9	659.8	566.7	93.12	7.085		
8,900.0	7,364.7	8,836.8	7,364.7	49.5	47.9	90.00	-162.9	367.9	659.8	563.4	96.39	6.845		
9,000.0	7,364.8	8,936.8	7,364.8	51.1	49.6	90.00	-164.0	267.9	659.8	559.9	99.86	6.607		
9,100.0	7,364.9	9,036.8	7,364.9	52.8	51.5	90.00	-165.1	167.9	659.8	556.3	103.53	6.373		
9,200.0	7,365.0	9,136.8	7,365.0	54.6	53.4	90.00	-166.2	67.9	659.8	552.4	107.37	6.145		
9,300.0	7,365.1	9,236.8	7,365.1	56.5	55.4	90.00	-167.3	-32.0	659.8	548.4	111.35	5.925		
9,400.0	7,365.2	9,336.8	7,365.2	58.5	57.4	90.00	-168.4	-132.0	659.8	544.3	115.48	5.714		
9,500.0	7,365.3	9,436.8	7,365.3	60.6	59.5	90.00	-169.5	-232.0	659.8	540.1	119.72	5.511		
9,600.0	7,365.4	9,536.8	7,365.4	62.7	61.7	90.00	-170.6	-332.0	659.8	535.7	124.08	5.318		
9,700.0	7,365.5	9,636.8	7,365.5	64.9	63.9	90.00	-171.7	-432.0	659.8	531.3	128.53	5.133		
9,800.0	7,365.6	9,736.8	7,365.6	67.1	66.2	90.00	-172.8	-532.0	659.8	526.7	133.07	4.958		
9,900.0	7,365.7	9,836.8	7,365.7	69.4	68.5	90.00	-173.9	-632.0	659.8	522.1	137.69	4.792		
10,000.0	7,365.8	9,936.8	7,365.8	71.7	70.9	90.00	-175.0	-732.0	659.8	517.4	142.38	4.634		
10,100.0	7,365.9	10,036.8	7,365.9	74.0	73.2	90.00	-176.1	-832.0	659.8	512.7	147.14	4.484		
10,200.0	7,366.0	10,136.8	7,366.0	76.4	75.7	90.00	-177.2	-932.0	659.8	507.8	151.96	4.342		
10,300.0	7,366.1	10,236.8	7,366.1	78.8	78.1	90.00	-178.3	-1,032.0	659.8	503.0	156.83	4.207		
10,400.0	7,366.2	10,336.8	7,366.2	81.3	80.6	90.00	-179.4	-1,132.0	659.8	498.0	161.75	4.079		
10,500.0	7,366.2	10,436.8	7,366.3	83.7	83.0	90.00	-180.5	-1,232.0	659.8	493.1	166.71	3.958		
10,600.0	7,366.3	10,536.8	7,366.4	86.2	85.5	90.00	-181.6	-1,332.0	659.8	488.1	171.71	3.842		
10,700.0	7,366.4	10,636.8	7,366.5	88.7	88.1	90.00	-182.7	-1,432.0	659.8	483.0	176.75	3.733		
10,800.0	7,366.5	10,736.8	7,366.5	91.3	90.6	90.00	-183.8	-1,532.0	659.8	478.0	181.83	3.629		
10,900.0	7,366.6	10,836.8	7,366.6	93.8	93.2	90.00	-184.9	-1,632.0	659.8	472.9	186.93	3.530		
11,000.0	7,366.7	10,936.8	7,366.7	96.4	95.7	90.00	-186.0	-1,731.9	659.8	467.7	192.07	3.435		
11,100.0	7,366.8	11,036.8	7,366.8	98.9	98.3	90.00	-187.1	-1,831.9	659.8	462.6	197.23	3.345		
11,200.0	7,366.9	11,136.8	7,366.9	101.5	100.9	90.00	-188.2	-1,931.9	659.8	457.4	202.42	3.260		
11,300.0	7,367.0	11,236.8	7,367.0	104.1	103.5	90.00	-189.3	-2,031.9	659.8	452.2	207.62	3.178		
11,400.0	7,367.1	11,336.8	7,367.1	106.7	106.1	90.00	-190.4	-2,131.9	659.8	446.9	212.85	3.100		
11,500.0	7,367.2	11,436.8	7,367.2	109.4	108.8	90.00	-191.5	-2,231.9	659.8	441.7	218.10	3.025		
11,600.0	7,367.3	11,536.8	7,367.3	112.0	111.4	90.00	-192.6	-2,331.9	659.8	436.4	223.37	2.954		
11,700.0	7,367.4	11,636.8	7,367.4	114.6	114.0	90.00	-193.7	-2,431.9	659.8	431.2	228.65	2.886		
11,800.0	7,367.5	11,736.8	7,367.5	117.3	116.7	90.00	-194.8	-2,531.9	659.8	425.9	233.95	2.820		
11,900.0	7,367.6	11,836.8	7,367.6	119.9	119.3	90.00	-195.9	-2,631.9	659.8	420.5	239.26	2.758		
12,000.0	7,367.7	11,936.8	7,367.7	122.6	122.0	90.00	-197.0	-2,731.9	659.8	415.2	244.59	2.698		
12,100.0	7,367.8	12,036.8	7,367.8	125.3	124.7	90.00	-198.1	-2,831.9	659.8	409.9	249.93	2.640		
12,200.0	7,367.9	12,136.8	7,367.9	127.9	127.4	90.00	-199.2	-2,931.9	659.8	404.5	255.28	2.585		
12,300.0	7,368.0	12,236.8	7,368.0	130.6	130.0	90.00	-200.3	-3,031.9	659.8	399.2	260.65	2.531		
12,400.0	7,368.1	12,336.8	7,368.1	133.3	132.7	90.00	-201.4	-3,131.9	659.8	393.8	266.02	2.480		
12,500.0	7,368.2	12,436.8	7,368.2	136.0	135.4	90.00	-202.5	-3,231.9	659.8	388.4	271.40	2.431		
12,600.0	7,368.3	12,536.8	7,368.3	138.7	138.1	90.00	-203.6	-3,331.8	659.8	383.0	276.80	2.384		
12,700.0	7,368.4	12,636.8	7,368.4	141.4	140.8	90.00	-204.7	-3,431.8	659.8	377.6	282.20	2.338		
12,800.0	7,368.5	12,736.8	7,368.5	144.1	143.5	90.00	-205.8	-3,531.8	659.8	372.2	287.61	2.294		
12,900.0	7,368.6	12,836.8	7,368.6	146.8	146.2	90.00	-206.8	-3,631.8	659.8	366.8	293.03	2.252		
13,000.0	7,368.7	12,936.8	7,368.7	149.5	149.0	90.00	-207.9	-3,731.8	659.8	361.4	298.45	2.211		
13,100.0	7,368.8	13,036.8	7,368.8	152.2	151.7	90.00	-209.0	-3,831.8	659.8	355.9	303.89	2.171		
13,200.0	7,368.9	13,136.8	7,368.9	154.9	154.4	90.00	-210.1	-3,931.8	659.8	350.5	309.33	2.133		
13,300.0	7,369.0	13,236.8	7,369.0	157.7	157.1	90.00	-211.2	-4,031.8	659.8	345.0	314.77	2.096		
13,400.0	7,369.1	13,336.8	7,369.1	160.4	159.8	90.00	-212.3	-4,131.8	659.8	339.6	320.22	2.060		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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)						
13,500.0	7,369.1	13,436.8	7,369.2	163.1	162.6	90.00	-213.4	-4,231.8	659.8	334.1	325.68	2.026		
13,600.0	7,369.2	13,536.8	7,369.2	165.8	165.3	90.00	-214.5	-4,331.8	659.8	328.7	331.15	1.993		
13,700.0	7,369.3	13,636.8	7,369.3	168.6	168.0	90.00	-215.6	-4,431.8	659.8	323.2	336.61	1.960		
13,800.0	7,369.4	13,736.8	7,369.4	171.3	170.8	90.00	-216.7	-4,531.8	659.8	317.7	342.09	1.929		
13,900.0	7,369.5	13,836.8	7,369.5	174.0	173.5	90.00	-217.8	-4,631.8	659.8	312.2	347.56	1.898		
14,000.0	7,369.6	13,936.8	7,369.6	176.8	176.3	90.00	-218.9	-4,731.8	659.8	306.8	353.05	1.869		
14,100.0	7,369.7	14,036.8	7,369.7	179.5	179.0	90.00	-220.0	-4,831.8	659.8	301.3	358.53	1.840		
14,200.0	7,369.8	14,136.8	7,369.8	182.3	181.8	90.00	-221.1	-4,931.8	659.8	295.8	364.02	1.813		
14,300.0	7,369.9	14,236.8	7,369.9	185.0	184.5	90.00	-222.2	-5,031.7	659.8	290.3	369.52	1.786		
14,400.0	7,370.0	14,336.8	7,370.0	187.8	187.3	90.00	-223.3	-5,131.7	659.8	284.8	375.02	1.759		
14,500.0	7,370.1	14,436.8	7,370.1	190.5	190.0	90.00	-224.4	-5,231.7	659.8	279.3	380.52	1.734		
14,600.0	7,370.2	14,536.8	7,370.2	193.3	192.8	90.00	-225.5	-5,331.7	659.8	273.8	386.02	1.709		
14,700.0	7,370.3	14,636.8	7,370.3	196.0	195.5	90.00	-226.6	-5,431.7	659.8	268.3	391.53	1.685		
14,800.0	7,370.4	14,736.8	7,370.4	198.8	198.3	90.00	-227.7	-5,531.7	659.8	262.8	397.04	1.662		
14,900.0	7,370.5	14,836.8	7,370.5	201.5	201.0	90.00	-228.8	-5,631.7	659.8	257.3	402.56	1.639		
15,000.0	7,370.6	14,936.8	7,370.6	204.3	203.8	90.00	-229.9	-5,731.7	659.8	251.7	408.08	1.617		
15,100.0	7,370.7	15,036.8	7,370.7	207.1	206.5	90.00	-231.0	-5,831.7	659.8	246.2	413.60	1.595		
15,200.0	7,370.8	15,136.8	7,370.8	209.8	209.3	90.00	-232.1	-5,931.7	659.8	240.7	419.12	1.574		
15,300.0	7,370.9	15,236.8	7,370.9	212.6	212.1	90.00	-233.2	-6,031.7	659.8	235.2	424.64	1.554		
15,400.0	7,371.0	15,336.8	7,371.0	215.3	214.8	90.00	-234.3	-6,131.7	659.8	229.6	430.17	1.534		
15,500.0	7,371.1	15,436.8	7,371.1	218.1	217.6	90.00	-235.4	-6,231.7	659.8	224.1	435.70	1.514		
15,600.0	7,371.2	15,536.8	7,371.2	220.9	220.4	90.00	-236.5	-6,331.7	659.8	218.6	441.23	1.495 Level 3		
15,700.0	7,371.3	15,636.8	7,371.3	223.6	223.1	90.00	-237.6	-6,431.7	659.8	213.1	446.77	1.477 Level 3		
15,800.0	7,371.4	15,736.8	7,371.4	226.4	225.9	90.00	-238.7	-6,531.7	659.8	207.5	452.31	1.459 Level 3		
15,900.0	7,371.4	15,836.8	7,371.5	229.2	228.7	90.00	-239.8	-6,631.6	659.8	202.0	457.84	1.441 Level 3		
16,000.0	7,371.5	15,936.8	7,371.6	231.9	231.4	90.00	-240.9	-6,731.6	659.8	196.4	463.39	1.424 Level 3		
16,100.0	7,371.6	16,036.8	7,371.7	234.7	234.2	90.00	-242.0	-6,831.6	659.8	190.9	468.93	1.407 Level 3		
16,200.0	7,371.7	16,136.8	7,371.8	237.5	237.0	90.00	-243.1	-6,931.6	659.8	185.4	474.47	1.391 Level 3		
16,300.0	7,371.8	16,236.8	7,371.9	240.3	239.8	90.00	-244.2	-7,031.6	659.8	179.8	480.02	1.375 Level 3		
16,400.0	7,371.9	16,336.8	7,372.0	243.0	242.5	90.00	-245.3	-7,131.6	659.8	174.3	485.57	1.359 Level 3		
16,500.0	7,372.0	16,436.8	7,372.0	245.8	245.3	90.00	-246.4	-7,231.6	659.8	168.7	491.12	1.344 Level 3		
16,600.0	7,372.1	16,536.8	7,372.1	248.6	248.1	90.00	-247.5	-7,331.6	659.8	163.2	496.67	1.329 Level 3		
16,700.0	7,372.2	16,636.8	7,372.2	251.4	250.9	90.00	-248.6	-7,431.6	659.8	157.6	502.22	1.314 Level 3		
16,800.0	7,372.3	16,736.8	7,372.3	254.1	253.6	90.00	-249.7	-7,531.6	659.8	152.1	507.77	1.299 Level 3		
16,900.0	7,372.4	16,836.8	7,372.4	256.9	256.4	90.00	-250.8	-7,631.6	659.8	146.5	513.33	1.285 Level 3		
17,000.0	7,372.5	16,936.8	7,372.5	259.7	259.2	90.00	-251.9	-7,731.6	659.8	140.9	518.89	1.272 Level 3		
17,100.0	7,372.6	17,036.8	7,372.6	262.5	262.0	90.00	-253.0	-7,831.6	659.8	135.4	524.44	1.258 Level 3		
17,200.0	7,372.7	17,136.8	7,372.7	265.2	264.8	90.00	-254.1	-7,931.6	659.8	129.8	530.00	1.245 Level 2		
17,300.0	7,372.8	17,236.8	7,372.8	268.0	267.5	90.00	-255.2	-8,031.6	659.8	124.3	535.56	1.232 Level 2		
17,400.0	7,372.9	17,336.8	7,372.9	270.8	270.3	90.00	-256.3	-8,131.6	659.8	118.7	541.13	1.219 Level 2		
17,500.0	7,373.0	17,436.8	7,373.0	273.6	273.1	90.00	-257.4	-8,231.6	659.8	113.1	546.69	1.207 Level 2		
17,600.0	7,373.1	17,536.8	7,373.1	276.4	275.9	90.00	-258.5	-8,331.5	659.8	107.6	552.25	1.195 Level 2		
17,700.0	7,373.2	17,636.8	7,373.2	279.2	278.7	90.00	-259.6	-8,431.5	659.8	102.0	557.82	1.183 Level 2		
17,800.0	7,373.3	17,736.8	7,373.3	281.9	281.5	90.00	-260.7	-8,531.5	659.8	96.4	563.39	1.171 Level 2		
17,900.0	7,373.4	17,836.8	7,373.4	284.7	284.2	90.00	-261.8	-8,631.5	659.8	90.9	568.95	1.160 Level 2		
18,000.0	7,373.5	17,936.8	7,373.5	287.5	287.0	90.00	-262.9	-8,731.5	659.8	85.3	574.52	1.148 Level 2		
18,100.0	7,373.6	18,036.8	7,373.6	290.3	289.8	90.00	-264.0	-8,831.5	659.8	79.7	580.09	1.137 Level 2		
18,200.0	7,373.7	18,136.8	7,373.7	293.1	292.6	90.00	-265.1	-8,931.5	659.8	74.2	585.66	1.127 Level 2		
18,300.0	7,373.8	18,236.8	7,373.8	295.9	295.4	90.00	-266.2	-9,031.5	659.8	68.6	591.23	1.116 Level 2		
18,400.0	7,373.9	18,336.8	7,373.9	298.6	298.2	90.00	-267.3	-9,131.5	659.8	63.0	596.81	1.106 Level 2		
18,500.0	7,374.0	18,436.8	7,374.0	301.4	301.0	90.00	-268.4	-9,231.5	659.8	57.5	602.38	1.095 Level 2		
18,502.2	7,374.0	18,438.9	7,374.0	301.5	301.0	90.00	-268.4	-9,233.7	659.8	57.3	602.50	1.095 Level 2		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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 T-27-28HC - Wellbore #1 - Plan #3 (10-27-17)												Offset Well Error:	0.0 ft
Survey Program: 0-MWD													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
18,550.8	7,374.0	18,456.8	7,374.0	302.8	301.5	90.00	-268.6	-9,251.5	660.6	56.2	604.35	1.093	Level 2, ES, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	0.01	45.2	0.0	45.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.01	45.2	0.0	45.2	45.0	0.22	200.990		
200.0	200.0	200.0	200.0	0.3	0.3	0.01	45.2	0.0	45.2	44.5	0.67	66.997		
300.0	300.0	300.0	300.0	0.6	0.6	0.01	45.2	0.0	45.2	44.1	1.12	40.198		
400.0	400.0	400.0	400.0	0.8	0.8	0.01	45.2	0.0	45.2	43.6	1.57	28.713		
500.0	500.0	500.0	500.0	1.0	1.0	0.01	45.2	0.0	45.2	43.2	2.02	22.332		
600.0	600.0	600.0	600.0	1.2	1.2	0.01	45.2	0.0	45.2	42.7	2.47	18.272 CC		
700.0	700.0	700.2	700.2	1.4	1.4	-113.72	45.0	1.3	45.5	42.6	2.89	15.751 ES		
800.0	799.9	800.3	800.2	1.6	1.7	-113.34	44.4	5.2	46.5	43.2	3.29	14.133		
900.0	899.7	900.5	900.2	1.9	1.9	-112.74	43.4	11.7	48.2	44.5	3.72	12.952		
1,000.0	999.3	1,000.6	999.9	2.1	2.1	-111.97	42.1	20.8	50.6	46.4	4.19	12.077		
1,100.0	1,098.6	1,100.7	1,099.3	2.3	2.4	-111.07	40.4	32.4	53.6	48.9	4.70	11.411		
1,200.0	1,197.5	1,200.8	1,198.3	2.6	2.7	-110.11	38.3	46.6	57.4	52.1	5.27	10.887		
1,300.0	1,296.1	1,300.8	1,296.9	3.0	3.0	-109.12	35.8	63.4	61.8	55.9	5.91	10.461		
1,400.0	1,394.2	1,400.8	1,394.9	3.3	3.3	-108.13	32.9	82.7	67.0	60.3	6.63	10.101		
1,500.0	1,491.7	1,500.7	1,492.3	3.7	3.8	-107.18	29.7	104.5	72.8	65.4	7.44	9.788		
1,600.0	1,588.6	1,600.5	1,589.1	4.2	4.2	-106.27	26.1	128.9	79.3	71.0	8.34	9.510		
1,700.0	1,684.9	1,700.3	1,685.1	4.7	4.7	-105.42	22.1	155.7	86.5	77.2	9.34	9.260		
1,800.0	1,780.4	1,800.0	1,780.3	5.3	5.3	-104.64	17.7	184.9	94.4	83.9	10.45	9.032		
1,900.0	1,875.0	1,899.6	1,874.7	5.9	5.9	-103.91	13.1	216.6	102.9	91.3	11.66	8.823		
2,000.0	1,968.9	1,999.1	1,968.0	6.6	6.6	-103.24	8.0	250.6	112.1	99.1	12.99	8.631		
2,100.0	2,061.7	2,098.5	2,060.4	7.3	7.3	-102.62	2.6	287.1	122.0	107.6	14.43	8.454		
2,200.0	2,153.6	2,197.9	2,151.7	8.1	8.1	-102.08	-3.1	325.8	132.5	116.5	15.99	8.291		
2,247.3	2,196.7	2,244.9	2,194.8	8.5	8.4	-102.06	-5.9	344.4	137.7	121.0	16.75	8.222		
2,300.0	2,244.6	2,297.3	2,242.8	8.9	8.9	-102.25	-9.0	365.2	143.6	126.0	17.61	8.154		
2,400.0	2,335.4	2,396.7	2,333.8	9.8	9.7	-102.57	-14.8	404.6	154.6	135.4	19.25	8.033		
2,500.0	2,426.3	2,496.0	2,424.9	10.7	10.5	-102.84	-20.7	444.0	165.7	144.8	20.91	7.926		
2,600.0	2,517.1	2,595.4	2,515.9	11.5	11.4	-103.08	-26.5	483.4	176.8	154.3	22.58	7.830		
2,700.0	2,608.0	2,694.8	2,607.0	12.4	12.2	-103.29	-32.4	522.8	187.9	163.7	24.27	7.745		
2,800.0	2,698.8	2,794.2	2,698.0	13.3	13.0	-103.48	-38.2	562.2	199.0	173.1	25.96	7.668		
2,900.0	2,789.6	2,893.6	2,789.0	14.2	13.9	-103.65	-44.1	601.6	210.1	182.5	27.65	7.599		
3,000.0	2,880.5	2,992.9	2,880.1	15.1	14.7	-103.80	-49.9	641.0	221.3	191.9	29.36	7.537		
3,100.0	2,971.3	3,092.3	2,971.1	16.0	15.6	-103.94	-55.7	680.4	232.4	201.3	31.06	7.481		
3,200.0	3,062.2	3,191.7	3,062.2	16.9	16.4	-104.06	-61.6	719.8	243.5	210.7	32.77	7.429		
3,300.0	3,153.0	3,291.1	3,153.2	17.8	17.3	-104.18	-67.4	759.2	254.6	220.1	34.48	7.382		
3,400.0	3,243.9	3,390.5	3,244.3	18.7	18.1	-104.28	-73.3	798.6	265.7	229.5	36.20	7.339		
3,500.0	3,334.7	3,489.8	3,335.3	19.6	19.0	-104.38	-79.1	838.1	276.8	238.9	37.92	7.300		
3,600.0	3,425.6	3,589.2	3,426.4	20.5	19.8	-104.47	-85.0	877.5	287.9	248.3	39.64	7.264		
3,700.0	3,516.4	3,688.6	3,517.4	21.4	20.7	-104.55	-90.8	916.9	299.0	257.7	41.36	7.230		
3,800.0	3,607.2	3,788.0	3,608.5	22.3	21.6	-104.62	-96.7	956.3	310.1	267.1	43.08	7.199		
3,900.0	3,698.1	3,887.4	3,699.5	23.2	22.4	-104.69	-102.5	995.7	321.3	276.5	44.81	7.170		
4,000.0	3,788.9	3,986.7	3,790.5	24.1	23.3	-104.76	-108.4	1,035.1	332.4	285.8	46.53	7.143		
4,100.0	3,879.8	4,086.1	3,881.6	25.0	24.1	-104.82	-114.2	1,074.5	343.5	295.2	48.26	7.117		
4,200.0	3,970.6	4,185.5	3,972.6	25.9	25.0	-104.88	-120.0	1,113.9	354.6	304.6	49.99	7.094		
4,300.0	4,061.5	4,284.9	4,063.7	26.8	25.9	-104.93	-125.9	1,153.3	365.7	314.0	51.72	7.072		
4,400.0	4,152.3	4,384.3	4,154.7	27.7	26.7	-104.98	-131.7	1,192.7	376.8	323.4	53.45	7.051		
4,500.0	4,243.1	4,483.6	4,245.8	28.6	27.6	-105.03	-137.6	1,232.1	387.9	332.8	55.18	7.031		
4,600.0	4,334.0	4,583.0	4,336.8	29.5	28.4	-105.08	-143.4	1,271.5	399.1	342.2	56.91	7.013		
4,700.0	4,424.8	4,682.4	4,427.9	30.4	29.3	-105.12	-149.3	1,310.9	410.2	351.5	58.64	6.995		
4,800.0	4,515.7	4,781.8	4,518.9	31.4	30.2	-105.16	-155.1	1,350.3	421.3	360.9	60.37	6.979		
4,900.0	4,606.5	4,881.2	4,610.0	32.3	31.0	-105.20	-161.0	1,389.8	432.4	370.3	62.10	6.963		
5,000.0	4,697.4	4,980.5	4,701.0	33.2	31.9	-105.24	-166.8	1,429.2	443.5	379.7	63.83	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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	4,788.2	5,079.9	4,792.0	34.1	32.8	-105.27	-172.7	1,468.6	454.7	389.1	65.57	6.934		
5,200.0	4,879.1	5,179.2	4,883.1	35.0	33.6	-105.33	-178.5	1,507.7	465.8	398.5	67.26	6.925		
5,300.0	4,969.9	5,278.1	4,974.8	35.9	34.2	-105.71	-183.9	1,544.3	477.0	408.2	68.73	6.939		
5,400.0	5,060.7	5,376.7	5,067.4	36.8	34.8	-106.47	-188.8	1,577.6	488.3	418.3	70.06	6.970		
5,500.0	5,151.6	5,474.6	5,160.6	37.7	35.3	-107.58	-193.3	1,607.6	499.9	428.7	71.24	7.017		
5,556.0	5,202.4	5,529.2	5,212.9	38.2	35.6	-108.34	-195.5	1,622.9	506.6	434.8	71.84	7.052		
5,600.0	5,242.6	5,571.9	5,254.0	38.6	35.8	-109.07	-197.2	1,634.2	511.9	439.7	72.23	7.087		
5,700.0	5,334.7	5,668.7	5,347.9	39.3	36.2	-110.67	-200.7	1,657.6	523.5	450.6	72.94	7.178		
5,800.0	5,428.2	5,765.1	5,442.1	39.9	36.6	-112.20	-203.7	1,677.7	534.6	461.1	73.51	7.272		
5,900.0	5,522.8	5,861.1	5,536.6	40.4	36.9	-113.67	-206.2	1,694.7	545.1	471.1	73.95	7.371		
6,000.0	5,618.5	5,956.8	5,631.3	40.9	37.1	-115.08	-208.2	1,708.4	555.0	480.7	74.25	7.474		
6,100.0	5,715.2	6,052.1	5,726.0	41.4	37.3	-116.44	-209.8	1,719.0	564.2	489.8	74.43	7.581		
6,200.0	5,812.7	6,147.0	5,820.6	41.8	37.5	-117.76	-210.9	1,726.4	572.8	498.4	74.48	7.691		
6,300.0	5,910.9	6,241.6	5,915.1	42.1	37.6	-119.04	-211.5	1,730.8	580.8	506.4	74.42	7.805		
6,400.0	6,009.7	6,336.3	6,009.7	42.4	37.7	-120.29	-211.7	1,732.0	588.2	513.9	74.25	7.921		
6,500.0	6,109.0	6,435.6	6,109.0	42.6	37.8	-121.38	-211.7	1,732.0	594.3	520.2	74.05	8.025		
6,600.0	6,208.7	6,535.2	6,208.7	42.8	37.9	-122.14	-211.7	1,732.0	598.7	524.8	73.93	8.098		
6,700.0	6,308.5	6,635.1	6,308.5	42.9	37.9	-122.58	-211.7	1,732.0	601.4	527.5	73.90	8.137		
6,791.5	6,400.0	6,726.5	6,400.0	43.0	38.0	-8.87	-211.7	1,732.0	602.2	553.8	48.34	12.456		
6,800.0	6,408.5	6,735.1	6,408.5	43.0	38.0	-8.87	-211.7	1,732.0	602.2	553.8	48.36	12.451		
6,900.0	6,508.5	6,826.7	6,500.1	43.0	38.0	-9.16	-211.8	1,728.8	602.7	553.9	48.76	12.360		
7,000.0	6,608.5	6,913.8	6,586.0	43.1	38.0	-10.42	-211.9	1,715.5	605.2	555.4	49.78	12.158		
7,040.7	6,649.2	6,950.0	6,621.2	43.1	37.9	-11.22	-212.0	1,706.8	606.9	556.5	50.39	12.046		
7,050.0	6,658.5	6,955.8	6,626.8	43.1	37.9	79.24	-212.0	1,705.3	607.4	534.6	72.79	8.345		
7,100.0	6,708.4	7,000.0	6,669.0	43.1	37.8	78.00	-212.2	1,692.0	610.0	537.9	72.03	8.468		
7,150.0	6,758.1	7,037.8	6,704.3	43.1	37.7	76.97	-212.3	1,678.6	612.6	541.3	71.33	8.589		
7,200.0	6,807.2	7,078.2	6,741.2	43.0	37.6	75.92	-212.5	1,662.2	615.3	544.8	70.57	8.719		
7,250.0	6,855.5	7,118.2	6,776.8	43.0	37.5	74.93	-212.7	1,644.0	618.1	548.3	69.82	8.853		
7,300.0	6,902.9	7,157.8	6,811.1	42.8	37.4	74.02	-212.9	1,624.0	620.8	551.7	69.09	8.986		
7,350.0	6,949.0	7,200.0	6,846.2	42.7	37.2	73.12	-213.2	1,600.7	623.5	555.1	68.35	9.122		
7,400.0	6,993.6	7,236.2	6,875.2	42.6	37.1	72.39	-213.4	1,579.1	626.0	558.3	67.74	9.242		
7,450.0	7,036.6	7,275.0	6,905.1	42.4	37.0	71.68	-213.7	1,554.3	628.5	561.3	67.16	9.358		
7,500.0	7,077.6	7,313.6	6,933.4	42.3	37.0	71.04	-214.0	1,528.1	630.7	564.0	66.66	9.462		
7,550.0	7,116.6	7,350.0	6,958.8	42.2	36.9	70.50	-214.3	1,502.0	632.7	566.5	66.27	9.548		
7,600.0	7,153.3	7,390.2	6,985.2	42.1	36.8	69.99	-214.6	1,471.8	634.6	568.6	65.96	9.620		
7,650.0	7,187.6	7,428.2	7,008.6	41.9	36.8	69.58	-215.0	1,441.8	636.1	570.3	65.79	9.669		
7,700.0	7,219.2	7,466.2	7,030.4	41.9	36.7	69.25	-215.3	1,410.7	637.4	571.7	65.75	9.694		
7,750.0	7,248.0	7,500.0	7,048.3	41.8	36.7	69.00	-215.6	1,382.1	638.5	572.6	65.86	9.695		
7,800.0	7,273.9	7,541.9	7,068.7	41.7	36.7	68.81	-216.0	1,345.5	639.2	573.1	66.10	9.670		
7,850.0	7,296.8	7,579.6	7,085.2	41.7	36.8	68.70	-216.4	1,311.5	639.6	573.1	66.49	9.619		
7,900.0	7,316.5	7,617.4	7,099.8	41.7	36.9	68.67	-216.8	1,276.7	639.7	572.7	67.03	9.543		
7,950.0	7,332.9	7,650.0	7,111.0	41.8	36.9	68.71	-217.2	1,246.1	639.5	571.8	67.68	9.449		
7,953.2	7,333.9	7,657.6	7,113.4	41.8	36.9	68.73	-217.2	1,238.9	639.5	571.7	67.75	9.438		
8,000.0	7,346.1	7,692.9	7,123.6	41.9	37.1	68.85	-217.6	1,205.1	639.0	570.5	68.51	9.327		
8,050.0	7,355.8	7,730.7	7,132.6	42.0	37.2	69.05	-218.0	1,168.4	638.2	568.7	69.43	9.191		
8,100.0	7,362.0	7,768.6	7,139.7	42.1	37.4	69.34	-218.4	1,131.2	637.1	566.6	70.45	9.042		
8,150.0	7,364.8	7,806.6	7,144.8	42.3	37.6	69.69	-218.9	1,093.5	635.7	564.1	71.56	8.883		
8,164.3	7,364.0	7,816.6	7,145.8	42.4	37.6	69.89	-219.0	1,083.5	634.9	563.0	71.92	8.828		
8,165.3	7,364.0	7,817.4	7,145.9	42.4	37.6	69.89	-219.0	1,082.8	634.9	562.9	71.93	8.826		
8,166.3	7,364.0	7,818.2	7,146.0	42.4	37.6	69.90	-219.0	1,082.0	634.8	562.9	71.95	8.824		
8,200.0	7,364.0	7,844.0	7,147.9	42.5	37.8	70.06	-219.3	1,056.3	634.0	561.6	72.37	8.761		
8,262.0	7,364.1	7,893.8	7,149.0	42.8	38.1	70.15	-219.8	1,006.5	633.5	560.3	73.16	8.659		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,364.1	7,931.7	7,149.0	43.0	38.3	70.15	-220.2	968.5	633.5	559.8	73.71	8.594		
8,400.0	7,364.2	8,031.7	7,149.0	43.7	39.2	70.14	-221.4	868.5	633.5	558.1	75.40	8.402		
8,500.0	7,364.3	8,131.7	7,149.0	44.6	40.2	70.13	-222.5	768.5	633.5	556.1	77.43	8.183		
8,600.0	7,364.4	8,231.7	7,149.0	45.6	41.3	70.12	-223.6	668.6	633.6	553.8	79.75	7.945		
8,700.0	7,364.5	8,331.7	7,149.0	46.8	42.6	70.11	-224.7	568.6	633.6	551.2	82.35	7.694		
8,800.0	7,364.6	8,431.7	7,149.0	48.1	44.1	70.11	-225.8	468.6	633.6	548.4	85.20	7.437		
8,900.0	7,364.7	8,531.7	7,149.0	49.5	45.7	70.10	-226.9	368.6	633.6	545.4	88.28	7.177		
9,000.0	7,364.8	8,631.7	7,149.0	51.1	47.4	70.09	-228.0	268.6	633.7	542.1	91.57	6.920		
9,100.0	7,364.9	8,731.7	7,149.0	52.8	49.2	70.08	-229.1	168.6	633.7	538.7	95.03	6.668		
9,200.0	7,365.0	8,831.7	7,149.0	54.6	51.1	70.07	-230.2	68.6	633.7	535.0	98.67	6.423		
9,300.0	7,365.1	8,931.7	7,149.0	56.5	53.1	70.06	-231.3	-31.4	633.7	531.3	102.44	6.186		
9,400.0	7,365.2	9,031.7	7,149.0	58.5	55.2	70.05	-232.4	-131.4	633.8	527.4	106.35	5.959		
9,500.0	7,365.3	9,131.7	7,149.0	60.6	57.3	70.05	-233.5	-231.4	633.8	523.4	110.37	5.742		
9,600.0	7,365.4	9,231.7	7,149.0	62.7	59.5	70.04	-234.7	-331.4	633.8	519.3	114.50	5.535		
9,700.0	7,365.5	9,331.7	7,149.0	64.9	61.7	70.03	-235.8	-431.4	633.8	515.1	118.72	5.339		
9,800.0	7,365.6	9,431.7	7,149.0	67.1	64.0	70.02	-236.9	-531.4	633.9	510.8	123.03	5.152		
9,900.0	7,365.7	9,531.7	7,149.0	69.4	66.3	70.01	-238.0	-631.4	633.9	506.5	127.41	4.975		
10,000.0	7,365.8	9,631.7	7,149.0	71.7	68.6	70.00	-239.1	-731.4	633.9	502.0	131.86	4.808		
10,100.0	7,365.9	9,731.7	7,149.0	74.0	71.0	70.00	-240.2	-831.4	633.9	497.6	136.37	4.649		
10,200.0	7,366.0	9,831.7	7,149.0	76.4	73.4	69.99	-241.3	-931.3	634.0	493.0	140.93	4.498		
10,300.0	7,366.1	9,931.7	7,149.0	78.8	75.9	69.98	-242.4	-1,031.3	634.0	488.4	145.54	4.356		
10,400.0	7,366.2	10,031.7	7,149.0	81.3	78.4	69.97	-243.5	-1,131.3	634.0	483.8	150.20	4.221		
10,500.0	7,366.2	10,131.7	7,149.0	83.7	80.9	69.96	-244.6	-1,231.3	634.0	479.1	154.90	4.093		
10,600.0	7,366.3	10,231.7	7,149.0	86.2	83.4	69.95	-245.7	-1,331.3	634.1	474.4	159.64	3.972		
10,700.0	7,366.4	10,331.7	7,149.0	88.7	85.9	69.94	-246.8	-1,431.3	634.1	469.7	164.41	3.857		
10,800.0	7,366.5	10,431.7	7,149.0	91.3	88.5	69.94	-248.0	-1,531.3	634.1	464.9	169.21	3.747		
10,900.0	7,366.6	10,531.7	7,149.0	93.8	91.0	69.93	-249.1	-1,631.3	634.1	460.1	174.04	3.644		
11,000.0	7,366.7	10,631.7	7,149.0	96.4	93.6	69.92	-250.2	-1,731.3	634.1	455.3	178.89	3.545		
11,100.0	7,366.8	10,731.7	7,149.0	98.9	96.2	69.91	-251.3	-1,831.3	634.2	450.4	183.77	3.451		
11,200.0	7,366.9	10,831.7	7,149.0	101.5	98.8	69.90	-252.4	-1,931.3	634.2	445.5	188.67	3.361		
11,300.0	7,367.0	10,931.7	7,149.0	104.1	101.4	69.89	-253.5	-2,031.3	634.2	440.6	193.60	3.276		
11,400.0	7,367.1	11,031.7	7,149.0	106.7	104.0	69.89	-254.6	-2,131.3	634.2	435.7	198.54	3.195		
11,500.0	7,367.2	11,131.7	7,149.0	109.4	106.7	69.88	-255.7	-2,231.3	634.3	430.8	203.49	3.117		
11,600.0	7,367.3	11,231.7	7,149.0	112.0	109.3	69.87	-256.8	-2,331.3	634.3	425.8	208.47	3.043		
11,700.0	7,367.4	11,331.7	7,149.0	114.6	112.0	69.86	-257.9	-2,431.3	634.3	420.9	213.46	2.972		
11,800.0	7,367.5	11,431.7	7,149.0	117.3	114.6	69.85	-259.0	-2,531.3	634.3	415.9	218.46	2.904		
11,900.0	7,367.6	11,531.7	7,149.0	119.9	117.3	69.84	-260.1	-2,631.2	634.4	410.9	223.48	2.839		
12,000.0	7,367.7	11,631.7	7,149.0	122.6	120.0	69.83	-261.3	-2,731.2	634.4	405.9	228.50	2.776		
12,100.0	7,367.8	11,731.7	7,149.0	125.3	122.6	69.83	-262.4	-2,831.2	634.4	400.9	233.54	2.716		
12,200.0	7,367.9	11,831.7	7,149.0	127.9	125.3	69.82	-263.5	-2,931.2	634.4	395.8	238.59	2.659		
12,300.0	7,368.0	11,931.7	7,149.0	130.6	128.0	69.81	-264.6	-3,031.2	634.5	390.8	243.65	2.604		
12,400.0	7,368.1	12,031.7	7,149.0	133.3	130.7	69.80	-265.7	-3,131.2	634.5	385.8	248.72	2.551		
12,500.0	7,368.2	12,131.7	7,149.0	136.0	133.4	69.79	-266.8	-3,231.2	634.5	380.7	253.80	2.500		
12,600.0	7,368.3	12,231.7	7,149.0	138.7	136.1	69.78	-267.9	-3,331.2	634.5	375.7	258.88	2.451		
12,700.0	7,368.4	12,331.7	7,149.0	141.4	138.8	69.78	-269.0	-3,431.2	634.6	370.6	263.98	2.404		
12,800.0	7,368.5	12,431.7	7,149.0	144.1	141.5	69.77	-270.1	-3,531.2	634.6	365.5	269.08	2.358		
12,900.0	7,368.6	12,531.7	7,149.0	146.8	144.2	69.76	-271.2	-3,631.2	634.6	360.4	274.18	2.315		
13,000.0	7,368.7	12,631.7	7,149.0	149.5	147.0	69.75	-272.3	-3,731.2	634.6	355.3	279.29	2.272		
13,100.0	7,368.8	12,731.7	7,149.0	152.2	149.7	69.74	-273.4	-3,831.2	634.7	350.2	284.41	2.231		
13,200.0	7,368.8	12,831.7	7,149.0	154.9	152.4	69.73	-274.6	-3,931.2	634.7	345.2	289.54	2.192		
13,300.0	7,368.9	12,931.7	7,149.0	157.7	155.1	69.73	-275.7	-4,031.2	634.7	340.0	294.67	2.154		
13,400.0	7,369.0	13,031.7	7,149.0	160.4	157.9	69.72	-276.8	-4,131.2	634.7	334.9	299.80	2.117		

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Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,369.1	13,131.7	7,149.0	163.1	160.6	69.71	-277.9	-4,231.1	634.8	329.8	304.94	2.082		
13,600.0	7,369.2	13,231.7	7,149.0	165.8	163.3	69.70	-279.0	-4,331.1	634.8	324.7	310.08	2.047		
13,700.0	7,369.3	13,331.7	7,149.0	168.6	166.1	69.69	-280.1	-4,431.1	634.8	319.6	315.23	2.014		
13,800.0	7,369.4	13,431.7	7,149.0	171.3	168.8	69.68	-281.2	-4,531.1	634.8	314.5	320.38	1.981		
13,900.0	7,369.5	13,531.7	7,149.0	174.0	171.6	69.67	-282.3	-4,631.1	634.9	309.3	325.54	1.950		
14,000.0	7,369.6	13,631.7	7,149.0	176.8	174.3	69.67	-283.4	-4,731.1	634.9	304.2	330.69	1.920		
14,100.0	7,369.7	13,731.7	7,149.0	179.5	177.1	69.66	-284.5	-4,831.1	634.9	299.1	335.86	1.890		
14,200.0	7,369.8	13,831.7	7,149.0	182.3	179.8	69.65	-285.6	-4,931.1	634.9	293.9	341.02	1.862		
14,300.0	7,369.9	13,931.7	7,149.0	185.0	182.6	69.64	-286.7	-5,031.1	635.0	288.8	346.19	1.834		
14,400.0	7,370.0	14,031.7	7,149.0	187.8	185.3	69.63	-287.9	-5,131.1	635.0	283.6	351.36	1.807		
14,500.0	7,370.1	14,131.7	7,149.0	190.5	188.1	69.62	-289.0	-5,231.1	635.0	278.5	356.53	1.781		
14,600.0	7,370.2	14,231.7	7,149.0	193.3	190.8	69.62	-290.1	-5,331.1	635.0	273.3	361.71	1.756		
14,700.0	7,370.3	14,331.7	7,149.0	196.0	193.6	69.61	-291.2	-5,431.1	635.1	268.2	366.89	1.731		
14,800.0	7,370.4	14,431.7	7,149.0	198.8	196.4	69.60	-292.3	-5,531.1	635.1	263.0	372.07	1.707		
14,900.0	7,370.5	14,531.7	7,149.0	201.5	199.1	69.59	-293.4	-5,631.1	635.1	257.9	377.25	1.684		
15,000.0	7,370.6	14,631.7	7,149.0	204.3	201.9	69.58	-294.5	-5,731.1	635.1	252.7	382.44	1.661		
15,100.0	7,370.7	14,731.7	7,149.0	207.1	204.6	69.57	-295.6	-5,831.0	635.2	247.5	387.62	1.639		
15,200.0	7,370.8	14,831.7	7,149.0	209.8	207.4	69.56	-296.7	-5,931.0	635.2	242.4	392.81	1.617		
15,300.0	7,370.9	14,931.7	7,149.0	212.6	210.2	69.56	-297.8	-6,031.0	635.2	237.2	398.00	1.596		
15,400.0	7,371.0	15,031.7	7,149.0	215.3	212.9	69.55	-298.9	-6,131.0	635.2	232.0	403.20	1.575		
15,500.0	7,371.1	15,131.7	7,149.0	218.1	215.7	69.54	-300.0	-6,231.0	635.3	226.9	408.39	1.556		
15,600.0	7,371.2	15,231.7	7,149.0	220.9	218.5	69.53	-301.2	-6,331.0	635.3	221.7	413.58	1.536		
15,700.0	7,371.3	15,331.7	7,149.0	223.6	221.3	69.52	-302.3	-6,431.0	635.3	216.5	418.78	1.517		
15,800.0	7,371.4	15,431.7	7,149.0	226.4	224.0	69.51	-303.4	-6,531.0	635.3	211.4	423.98	1.499 Level 3		
15,900.0	7,371.4	15,531.7	7,149.0	229.2	226.8	69.51	-304.5	-6,631.0	635.4	206.2	429.18	1.480 Level 3		
16,000.0	7,371.5	15,631.7	7,149.0	231.9	229.6	69.50	-305.6	-6,731.0	635.4	201.0	434.38	1.463 Level 3		
16,100.0	7,371.6	15,731.7	7,149.0	234.7	232.3	69.49	-306.7	-6,831.0	635.4	195.8	439.58	1.445 Level 3		
16,200.0	7,371.7	15,831.7	7,149.0	237.5	235.1	69.48	-307.8	-6,931.0	635.4	190.6	444.78	1.429 Level 3		
16,300.0	7,371.8	15,931.7	7,149.0	240.3	237.9	69.47	-308.9	-7,031.0	635.5	185.5	449.99	1.412 Level 3		
16,400.0	7,371.9	16,031.7	7,149.0	243.0	240.7	69.46	-310.0	-7,131.0	635.5	180.3	455.19	1.396 Level 3		
16,500.0	7,372.0	16,131.7	7,149.0	245.8	243.5	69.46	-311.1	-7,231.0	635.5	175.1	460.40	1.380 Level 3		
16,600.0	7,372.1	16,231.7	7,149.0	248.6	246.2	69.45	-312.2	-7,331.0	635.5	169.9	465.60	1.365 Level 3		
16,700.0	7,372.2	16,331.7	7,149.0	251.4	249.0	69.44	-313.3	-7,430.9	635.6	164.7	470.81	1.350 Level 3		
16,800.0	7,372.3	16,431.7	7,149.0	254.1	251.8	69.43	-314.5	-7,530.9	635.6	159.6	476.02	1.335 Level 3		
16,900.0	7,372.4	16,531.7	7,149.0	256.9	254.6	69.42	-315.6	-7,630.9	635.6	154.4	481.23	1.321 Level 3		
17,000.0	7,372.5	16,631.7	7,149.0	259.7	257.3	69.41	-316.7	-7,730.9	635.6	149.2	486.44	1.307 Level 3		
17,100.0	7,372.6	16,731.7	7,149.0	262.5	260.1	69.40	-317.8	-7,830.9	635.7	144.0	491.65	1.293 Level 3		
17,200.0	7,372.7	16,831.7	7,149.0	265.2	262.9	69.40	-318.9	-7,930.9	635.7	138.8	496.86	1.279 Level 3		
17,300.0	7,372.8	16,931.7	7,149.0	268.0	265.7	69.39	-320.0	-8,030.9	635.7	133.6	502.07	1.266 Level 3		
17,400.0	7,372.9	17,031.7	7,149.0	270.8	268.5	69.38	-321.1	-8,130.9	635.7	128.5	507.28	1.253 Level 3		
17,500.0	7,373.0	17,131.7	7,149.0	273.6	271.3	69.37	-322.2	-8,230.9	635.8	123.3	512.50	1.241 Level 2		
17,600.0	7,373.1	17,231.7	7,149.0	276.4	274.0	69.36	-323.3	-8,330.9	635.8	118.1	517.71	1.228 Level 2		
17,700.0	7,373.2	17,331.7	7,149.0	279.2	276.8	69.35	-324.4	-8,430.9	635.8	112.9	522.92	1.216 Level 2		
17,800.0	7,373.3	17,431.7	7,149.0	281.9	279.6	69.35	-325.5	-8,530.9	635.8	107.7	528.14	1.204 Level 2		
17,900.0	7,373.4	17,531.7	7,149.0	284.7	282.4	69.34	-326.6	-8,630.9	635.9	102.5	533.35	1.192 Level 2		
18,000.0	7,373.5	17,631.7	7,149.0	287.5	285.2	69.33	-327.8	-8,730.9	635.9	97.3	538.57	1.181 Level 2		
18,100.0	7,373.6	17,731.7	7,149.0	290.3	288.0	69.32	-328.9	-8,830.9	635.9	92.1	543.78	1.169 Level 2		
18,200.0	7,373.7	17,831.7	7,149.0	293.1	290.8	69.31	-330.0	-8,930.9	635.9	86.9	549.00	1.158 Level 2		
18,300.0	7,373.8	17,931.7	7,149.0	295.9	293.6	69.30	-331.1	-9,030.8	636.0	81.7	554.21	1.148 Level 2		
18,400.0	7,373.9	18,031.7	7,149.0	298.6	296.3	69.30	-332.2	-9,130.8	636.0	76.6	559.43	1.137 Level 2		
18,500.0	7,374.0	18,131.7	7,149.0	301.4	299.1	69.29	-333.3	-9,230.8	636.0	71.4	564.64	1.126 Level 2		
18,502.1	7,374.0	18,133.8	7,149.0	301.5	299.2	69.29	-333.3	-9,232.9	636.0	71.3	564.75	1.126 Level 2		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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 TA-27-28HN - Wellbore #1 - Plan #2 (10-27-													Offset Well Error:	0.0 ft
Survey Program: 0-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
18,550.8	7,374.0	18,152.4	7,149.0	302.8	299.7	69.29	-333.5	-9,251.5	636.7	70.2	566.51	1.124	Level 2, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	30.2	0.0	30.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	30.2	0.0	30.2	30.0	0.22	134.570		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	30.2	0.0	30.2	29.6	0.67	44.857		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	30.2	0.0	30.2	29.1	1.12	26.914		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	30.2	0.0	30.2	28.7	1.57	19.224		
500.0	500.0	500.1	500.1	1.0	1.0	2.46	30.0	1.3	30.0	28.0	2.01	14.954		
600.0	600.0	600.1	600.0	1.2	1.2	9.98	29.3	5.2	29.7	27.3	2.44	12.185		
604.1	604.1	604.2	604.1	1.2	1.2	-103.46	29.2	5.4	29.7	27.3	2.46	12.093 CC		
700.0	700.0	699.9	699.6	1.4	1.4	-93.90	28.1	11.6	30.4	27.6	2.87	10.598		
800.0	799.9	799.6	798.8	1.6	1.7	-84.86	26.4	20.5	32.6	29.3	3.31	9.838		
900.0	899.7	899.1	897.7	1.9	1.9	-77.42	24.2	32.0	36.0	32.2	3.78	9.508		
1,000.0	999.3	998.4	996.0	2.1	2.2	-71.71	21.6	46.0	40.4	36.1	4.29	9.414		
1,100.0	1,098.6	1,097.6	1,093.7	2.3	2.6	-67.54	18.5	62.4	45.7	40.8	4.84	9.434		
1,200.0	1,197.5	1,196.7	1,190.9	2.6	3.0	-64.59	14.9	81.3	51.6	46.2	5.44	9.494		
1,300.0	1,296.1	1,295.5	1,287.3	3.0	3.4	-62.59	10.9	102.7	58.2	52.1	6.09	9.553		
1,400.0	1,394.2	1,394.2	1,383.0	3.3	3.8	-61.29	6.4	126.4	65.2	58.4	6.80	9.588		
1,500.0	1,491.7	1,492.7	1,477.9	3.7	4.4	-60.51	1.5	152.6	72.7	65.1	7.58	9.591		
1,600.0	1,588.6	1,591.1	1,571.9	4.2	4.9	-60.13	-3.8	181.0	80.6	72.2	8.44	9.558		
1,700.0	1,684.9	1,689.3	1,664.9	4.7	5.5	-60.03	-9.6	211.8	89.0	79.7	9.38	9.490		
1,800.0	1,780.4	1,787.3	1,757.0	5.3	6.2	-60.15	-15.8	244.9	97.8	87.4	10.42	9.391		
1,900.0	1,875.0	1,885.1	1,847.9	5.9	6.9	-60.42	-22.5	280.2	107.1	95.5	11.56	9.266		
2,000.0	1,968.9	1,982.7	1,937.8	6.6	7.7	-60.81	-29.5	317.7	116.7	103.9	12.80	9.124		
2,100.0	2,061.7	2,082.1	2,028.7	7.3	8.5	-61.68	-37.0	357.1	126.1	111.9	14.18	8.894		
2,200.0	2,153.6	2,181.7	2,119.8	8.1	9.4	-63.43	-44.4	396.7	134.3	118.6	15.73	8.539		
2,247.3	2,196.7	2,228.8	2,162.9	8.5	9.8	-64.52	-47.9	415.4	137.8	121.3	16.53	8.341		
2,300.0	2,244.6	2,281.2	2,210.9	8.9	10.2	-65.84	-51.9	436.2	141.7	124.3	17.44	8.124		
2,400.0	2,335.4	2,380.8	2,301.9	9.8	11.1	-68.16	-59.3	475.7	149.2	130.0	19.21	7.768		
2,500.0	2,426.3	2,480.3	2,393.0	10.7	11.9	-70.26	-66.7	515.3	157.0	136.0	21.00	7.474		
2,600.0	2,517.1	2,579.9	2,484.0	11.5	12.8	-72.16	-74.2	554.8	164.9	142.1	22.81	7.230		
2,700.0	2,608.0	2,679.4	2,575.1	12.4	13.6	-73.88	-81.6	594.3	173.0	148.4	24.63	7.025		
2,800.0	2,698.8	2,778.9	2,666.1	13.3	14.5	-75.44	-89.1	633.8	181.3	154.8	26.45	6.852		
2,900.0	2,789.6	2,878.5	2,757.2	14.2	15.4	-76.87	-96.5	673.4	189.6	161.3	28.28	6.706		
3,000.0	2,880.5	2,978.0	2,848.3	15.1	16.2	-78.18	-103.9	712.9	198.1	168.0	30.11	6.580		
3,100.0	2,971.3	3,077.6	2,939.3	16.0	17.1	-79.38	-111.4	752.4	206.7	174.7	31.93	6.472		
3,200.0	3,062.2	3,177.1	3,030.4	16.9	17.9	-80.49	-118.8	792.0	215.3	181.6	33.76	6.378		
3,300.0	3,153.0	3,276.7	3,121.4	17.8	18.8	-81.50	-126.2	831.5	224.0	188.4	35.59	6.296		
3,400.0	3,243.9	3,376.2	3,212.5	18.7	19.7	-82.45	-133.7	871.0	232.8	195.4	37.41	6.224		
3,500.0	3,334.7	3,475.7	3,303.5	19.6	20.6	-83.32	-141.1	910.5	241.7	202.4	39.23	6.160		
3,600.0	3,425.6	3,575.3	3,394.6	20.5	21.4	-84.13	-148.6	950.1	250.6	209.5	41.05	6.104		
3,700.0	3,516.4	3,674.8	3,485.6	21.4	22.3	-84.89	-156.0	989.6	259.5	216.6	42.86	6.054		
3,800.0	3,607.2	3,774.4	3,576.7	22.3	23.2	-85.60	-163.4	1,029.1	268.5	223.8	44.68	6.010		
3,900.0	3,698.1	3,873.9	3,667.7	23.2	24.0	-86.26	-170.9	1,068.7	277.5	231.0	46.49	5.970		
4,000.0	3,788.9	3,973.5	3,758.8	24.1	24.9	-86.87	-178.3	1,108.2	286.6	238.3	48.30	5.934		
4,100.0	3,879.8	4,073.0	3,849.9	25.0	25.8	-87.45	-185.8	1,147.7	295.7	245.6	50.10	5.901		
4,200.0	3,970.6	4,172.5	3,940.9	25.9	26.7	-88.00	-193.2	1,187.3	304.8	252.9	51.91	5.872		
4,300.0	4,061.5	4,272.1	4,032.0	26.8	27.5	-88.51	-200.6	1,226.8	313.9	260.2	53.71	5.845		
4,400.0	4,152.3	4,371.6	4,123.0	27.7	28.4	-89.00	-208.1	1,266.3	323.1	267.6	55.51	5.821		
4,500.0	4,243.1	4,471.2	4,214.1	28.6	29.3	-89.46	-215.5	1,305.8	332.3	275.0	57.31	5.798		
4,600.0	4,334.0	4,570.7	4,305.1	29.5	30.1	-89.89	-223.0	1,345.4	341.5	282.4	59.10	5.778		
4,700.0	4,424.8	4,670.3	4,396.2	30.4	31.0	-90.30	-230.4	1,384.9	350.7	289.8	60.90	5.759		
4,800.0	4,515.7	4,769.8	4,487.2	31.4	31.9	-90.69	-237.8	1,424.4	360.0	297.3	62.69	5.742		
4,900.0	4,606.5	4,869.3	4,578.3	32.3	32.8	-91.06	-245.3	1,464.0	369.2	304.7	64.48	5.726		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	4,697.4	4,968.9	4,669.3	33.2	33.6	-91.41	-252.7	1,503.5	378.5	312.2	66.27	5.711		
5,100.0	4,788.2	5,068.4	4,760.4	34.1	34.5	-91.75	-260.2	1,543.0	387.8	319.7	68.06	5.698		
5,200.0	4,879.1	5,168.2	4,851.7	35.0	35.4	-92.07	-267.6	1,582.6	397.1	327.2	69.84	5.686		
5,300.0	4,969.9	5,270.1	4,945.7	35.9	36.1	-92.69	-274.9	1,621.1	406.1	334.6	71.47	5.681		
5,400.0	5,060.7	5,371.7	5,040.8	36.8	36.7	-93.77	-281.5	1,656.2	414.5	341.5	73.02	5.677		
5,500.0	5,151.6	5,472.7	5,136.6	37.7	37.3	-95.28	-287.4	1,687.8	422.7	348.2	74.50	5.674		
5,556.0	5,202.4	5,528.9	5,190.3	38.2	37.5	-96.30	-290.5	1,703.9	427.3	352.0	75.27	5.677		
5,600.0	5,242.6	5,572.9	5,232.7	38.6	37.8	-97.21	-292.7	1,715.8	430.8	355.0	75.81	5.683		
5,700.0	5,334.7	5,672.7	5,329.2	39.3	38.2	-99.22	-297.3	1,740.4	438.7	361.9	76.82	5.712		
5,800.0	5,428.2	5,772.0	5,426.2	39.9	38.6	-101.15	-301.3	1,761.6	446.3	368.7	77.64	5.749		
5,900.0	5,522.8	5,870.9	5,523.4	40.4	38.9	-103.02	-304.7	1,779.5	453.6	375.3	78.30	5.793		
6,000.0	5,618.5	5,969.4	5,620.8	40.9	39.1	-104.82	-307.4	1,793.9	460.5	381.7	78.79	5.845		
6,100.0	5,715.2	6,067.5	5,718.2	41.4	39.4	-106.56	-309.5	1,805.0	467.0	387.9	79.12	5.903		
6,200.0	5,812.7	6,165.2	5,815.6	41.8	39.5	-108.25	-311.0	1,812.9	473.2	393.9	79.29	5.967		
6,300.0	5,910.9	6,262.4	5,912.7	42.1	39.6	-109.89	-311.8	1,817.4	478.9	399.6	79.33	6.037		
6,400.0	6,009.7	6,359.5	6,009.7	42.4	39.7	-111.50	-312.1	1,818.7	484.2	405.0	79.22	6.112		
6,500.0	6,109.0	6,458.8	6,109.0	42.6	39.8	-112.87	-312.1	1,818.7	488.7	409.6	79.08	6.180		
6,600.0	6,208.7	6,558.4	6,208.7	42.8	39.9	-113.83	-312.1	1,818.7	492.1	413.1	78.99	6.229		
6,700.0	6,308.5	6,658.3	6,308.5	42.9	39.9	-114.39	-312.1	1,818.7	494.1	415.1	78.98	6.256		
6,791.5	6,400.0	6,749.8	6,400.0	43.0	40.0	-0.71	-312.1	1,818.7	494.7	450.6	44.11	11.215		
6,800.0	6,408.5	6,758.3	6,408.5	43.0	40.0	-0.71	-312.1	1,818.7	494.7	450.6	44.13	11.210		
6,861.2	6,469.8	6,819.5	6,469.8	43.0	40.1	-0.71	-312.1	1,818.7	494.7	450.4	44.28	11.172		
6,900.0	6,508.5	6,858.2	6,508.5	43.0	40.1	-0.73	-312.1	1,818.5	494.7	450.3	44.38	11.147		
7,000.0	6,608.5	6,957.2	6,606.9	43.1	40.0	-1.76	-312.2	1,809.6	494.8	449.6	45.21	10.943		
7,040.7	6,649.2	6,996.4	6,645.5	43.1	40.0	-2.61	-312.2	1,802.3	495.0	449.2	45.82	10.804		
7,050.0	6,658.5	7,005.3	6,654.1	43.1	40.0	87.80	-312.3	1,800.3	495.1	416.7	78.40	6.315		
7,100.0	6,708.4	7,052.5	6,699.8	43.1	39.9	86.61	-312.4	1,788.2	495.6	417.8	77.82	6.369		
7,150.0	6,758.1	7,100.0	6,744.7	43.1	39.8	85.42	-312.6	1,773.0	496.3	419.2	77.16	6.433		
7,200.0	6,807.2	7,145.2	6,786.5	43.0	39.7	84.30	-312.7	1,755.8	497.2	420.8	76.47	6.502		
7,250.0	6,855.5	7,190.7	6,827.4	43.0	39.5	83.20	-313.0	1,735.8	498.3	422.6	75.75	6.578		
7,300.0	6,902.9	7,235.7	6,866.5	42.8	39.4	82.13	-313.2	1,713.5	499.6	424.5	75.02	6.659		
7,350.0	6,949.0	7,280.3	6,903.8	42.7	39.3	81.10	-313.5	1,689.1	500.9	426.6	74.29	6.742		
7,400.0	6,993.6	7,324.4	6,939.1	42.6	39.2	80.12	-313.8	1,662.7	502.4	428.8	73.59	6.826		
7,450.0	7,036.6	7,368.1	6,972.5	42.4	39.1	79.19	-314.1	1,634.5	503.9	430.9	72.93	6.908		
7,500.0	7,077.6	7,411.5	7,003.8	42.3	39.0	78.32	-314.4	1,604.5	505.4	433.1	72.33	6.987		
7,550.0	7,116.6	7,454.5	7,033.0	42.2	38.9	77.49	-314.7	1,572.9	507.0	435.2	71.80	7.061		
7,600.0	7,153.3	7,500.0	7,061.8	42.1	38.8	76.68	-315.1	1,537.7	508.5	437.2	71.34	7.128		
7,650.0	7,187.6	7,539.6	7,084.9	41.9	38.8	76.02	-315.5	1,505.6	510.0	439.0	71.03	7.180		
7,700.0	7,219.2	7,581.8	7,107.6	41.9	38.7	75.37	-315.9	1,470.0	511.5	440.7	70.82	7.223		
7,750.0	7,248.0	7,623.7	7,128.1	41.8	38.7	74.79	-316.3	1,433.4	512.9	442.1	70.72	7.252		
7,800.0	7,273.9	7,665.5	7,146.3	41.7	38.8	74.27	-316.7	1,395.8	514.1	443.4	70.76	7.266		
7,850.0	7,296.8	7,707.1	7,162.2	41.7	38.8	73.82	-317.1	1,357.4	515.3	444.3	70.93	7.264		
7,900.0	7,316.5	7,750.0	7,176.2	41.7	38.9	73.42	-317.5	1,316.9	516.3	445.0	71.24	7.247		
7,950.0	7,332.9	7,789.8	7,187.1	41.8	39.0	73.11	-318.0	1,278.5	517.1	445.4	71.69	7.213		
8,000.0	7,346.1	7,831.0	7,196.1	41.9	39.2	72.85	-318.4	1,238.3	517.8	445.5	72.27	7.164		
8,050.0	7,355.8	7,872.2	7,202.7	42.0	39.4	72.67	-318.8	1,197.7	518.3	445.3	72.97	7.103		
8,100.0	7,362.0	7,913.3	7,207.0	42.1	39.5	72.55	-319.3	1,156.9	518.6	444.8	73.78	7.029		
8,150.0	7,364.8	7,954.3	7,208.9	42.3	39.8	72.50	-319.7	1,115.9	518.8	444.1	74.68	6.947		
8,164.3	7,364.0	7,965.7	7,209.0	42.4	39.8	72.61	-319.9	1,104.5	518.5	443.5	74.99	6.914		
8,165.3	7,364.0	7,966.7	7,209.0	42.4	39.8	72.61	-319.9	1,103.5	518.5	443.5	75.00	6.912		
8,166.3	7,364.0	7,967.7	7,209.0	42.4	39.8	72.61	-319.9	1,102.5	518.5	443.4	75.02	6.911		
8,200.0	7,364.0	8,001.4	7,209.2	42.5	40.0	72.62	-320.3	1,068.8	518.4	443.0	75.44	6.872		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,364.1	8,101.4	7,209.8	43.0	40.8	72.68	-321.4	968.8	518.3	441.3	76.93	6.737		
8,400.0	7,364.2	8,201.4	7,210.4	43.7	41.7	72.73	-322.4	868.8	518.1	439.4	78.76	6.578		
8,500.0	7,364.3	8,301.4	7,211.0	44.6	42.7	72.78	-323.5	768.8	518.0	437.1	80.92	6.401		
8,600.0	7,364.4	8,401.4	7,211.5	45.6	44.0	72.83	-324.6	668.8	517.8	434.5	83.37	6.212		
8,700.0	7,364.5	8,501.4	7,212.1	46.8	45.3	72.88	-325.7	568.8	517.7	431.6	86.08	6.014		
8,800.0	7,364.6	8,601.4	7,212.7	48.1	46.8	72.93	-326.8	468.9	517.6	428.5	89.05	5.812		
8,900.0	7,364.7	8,701.4	7,213.3	49.5	48.4	72.98	-327.9	368.9	517.4	425.2	92.24	5.610		
9,000.0	7,364.8	8,801.4	7,213.9	51.1	50.2	73.03	-329.0	268.9	517.3	421.7	95.63	5.409		
9,100.0	7,364.9	8,901.4	7,214.4	52.8	52.0	73.08	-330.1	168.9	517.1	417.9	99.20	5.213		
9,200.0	7,365.0	9,001.4	7,215.0	54.6	53.9	73.14	-331.2	68.9	517.0	414.1	102.93	5.023		
9,300.0	7,365.1	9,101.4	7,215.6	56.5	55.9	73.19	-332.3	-31.1	516.9	410.0	106.81	4.839		
9,400.0	7,365.2	9,201.4	7,216.2	58.5	57.9	73.24	-333.4	-131.1	516.7	405.9	110.82	4.663		
9,500.0	7,365.3	9,301.4	7,216.7	60.6	60.1	73.29	-334.5	-231.1	516.6	401.6	114.95	4.494		
9,600.0	7,365.4	9,401.4	7,217.3	62.7	62.2	73.34	-335.6	-331.1	516.4	397.3	119.18	4.333		
9,700.0	7,365.5	9,501.4	7,217.9	64.9	64.5	73.39	-336.7	-431.1	516.3	392.8	123.51	4.180		
9,800.0	7,365.6	9,601.4	7,218.5	67.1	66.7	73.44	-337.8	-531.1	516.2	388.2	127.93	4.035		
9,900.0	7,365.7	9,701.4	7,219.1	69.4	69.0	73.49	-338.9	-631.0	516.0	383.6	132.42	3.897		
10,000.0	7,365.8	9,801.4	7,219.6	71.7	71.4	73.55	-340.0	-731.0	515.9	378.9	136.98	3.766		
10,100.0	7,365.9	9,901.4	7,220.2	74.0	73.8	73.60	-341.1	-831.0	515.8	374.2	141.61	3.642		
10,200.0	7,366.0	10,001.4	7,220.8	76.4	76.2	73.65	-342.2	-931.0	515.6	369.3	146.30	3.525		
10,300.0	7,366.1	10,101.4	7,221.4	78.8	78.6	73.70	-343.3	-1,031.0	515.5	364.5	151.03	3.413		
10,400.0	7,366.2	10,201.4	7,222.0	81.3	81.1	73.75	-344.4	-1,131.0	515.4	359.5	155.82	3.307		
10,500.0	7,366.2	10,301.4	7,222.5	83.7	83.6	73.80	-345.5	-1,231.0	515.2	354.6	160.65	3.207		
10,600.0	7,366.3	10,401.4	7,223.1	86.2	86.1	73.86	-346.6	-1,331.0	515.1	349.6	165.52	3.112		
10,700.0	7,366.4	10,501.4	7,223.7	88.7	88.6	73.91	-347.7	-1,431.0	515.0	344.5	170.43	3.022		
10,800.0	7,366.5	10,601.4	7,224.3	91.3	91.1	73.96	-348.8	-1,531.0	514.8	339.5	175.37	2.936		
10,900.0	7,366.6	10,701.4	7,224.8	93.8	93.7	74.01	-349.9	-1,631.0	514.7	334.4	180.34	2.854		
11,000.0	7,366.7	10,801.4	7,225.4	96.4	96.3	74.06	-351.0	-1,730.9	514.6	329.2	185.35	2.776		
11,100.0	7,366.8	10,901.4	7,226.0	98.9	98.8	74.11	-352.1	-1,830.9	514.4	324.1	190.38	2.702		
11,200.0	7,366.9	11,001.4	7,226.6	101.5	101.4	74.17	-353.2	-1,930.9	514.3	318.9	195.44	2.632		
11,300.0	7,367.0	11,101.4	7,227.2	104.1	104.0	74.22	-354.3	-2,030.9	514.2	313.7	200.52	2.564		
11,400.0	7,367.1	11,201.4	7,227.7	106.7	106.7	74.27	-355.4	-2,130.9	514.0	308.4	205.62	2.500		
11,500.0	7,367.2	11,301.4	7,228.3	109.4	109.3	74.32	-356.5	-2,230.9	513.9	303.2	210.74	2.439		
11,600.0	7,367.3	11,401.4	7,228.9	112.0	111.9	74.37	-357.6	-2,330.9	513.8	297.9	215.88	2.380		
11,700.0	7,367.4	11,501.4	7,229.5	114.6	114.6	74.42	-358.7	-2,430.9	513.7	292.6	221.05	2.324		
11,800.0	7,367.5	11,601.4	7,230.1	117.3	117.2	74.48	-359.8	-2,530.9	513.5	287.3	226.22	2.270		
11,900.0	7,367.6	11,701.3	7,230.6	119.9	119.9	74.53	-360.9	-2,630.9	513.4	282.0	231.42	2.219		
12,000.0	7,367.7	11,801.3	7,231.2	122.6	122.5	74.58	-362.0	-2,730.9	513.3	276.6	236.63	2.169		
12,100.0	7,367.8	11,901.3	7,231.8	125.3	125.2	74.63	-363.1	-2,830.9	513.1	271.3	241.85	2.122		
12,200.0	7,367.9	12,001.3	7,232.4	127.9	127.9	74.68	-364.2	-2,930.8	513.0	265.9	247.09	2.076		
12,300.0	7,368.0	12,101.3	7,233.0	130.6	130.6	74.74	-365.3	-3,030.8	512.9	260.6	252.34	2.033		
12,400.0	7,368.1	12,201.3	7,233.5	133.3	133.3	74.79	-366.4	-3,130.8	512.8	255.2	257.60	1.991		
12,500.0	7,368.2	12,301.3	7,234.1	136.0	136.0	74.84	-367.5	-3,230.8	512.6	249.8	262.88	1.950		
12,600.0	7,368.3	12,401.3	7,234.7	138.7	138.7	74.89	-368.6	-3,330.8	512.5	244.4	268.16	1.911		
12,700.0	7,368.4	12,501.3	7,235.3	141.4	141.4	74.94	-369.6	-3,430.8	512.4	238.9	273.46	1.874		
12,800.0	7,368.5	12,601.3	7,235.8	144.1	144.1	75.00	-370.7	-3,530.8	512.3	233.5	278.76	1.838		
12,900.0	7,368.6	12,701.3	7,236.4	146.8	146.8	75.05	-371.8	-3,630.8	512.1	228.1	284.08	1.803		
13,000.0	7,368.7	12,801.3	7,237.0	149.5	149.5	75.10	-372.9	-3,730.8	512.0	222.6	289.40	1.769		
13,100.0	7,368.8	12,901.3	7,237.6	152.2	152.2	75.15	-374.0	-3,830.8	511.9	217.2	294.74	1.737		
13,200.0	7,368.8	13,001.3	7,238.2	154.9	154.9	75.21	-375.1	-3,930.8	511.8	211.7	300.08	1.705		
13,300.0	7,368.9	13,101.3	7,238.7	157.7	157.7	75.26	-376.2	-4,030.7	511.7	206.2	305.43	1.675		
13,400.0	7,369.0	13,201.3	7,239.3	160.4	160.4	75.31	-377.3	-4,130.7	511.5	200.7	310.79	1.646		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,369.1	13,301.3	7,239.9	163.1	163.1	75.36	-378.4	-4,230.7	511.4	195.3	316.16	1.618		
13,600.0	7,369.2	13,401.3	7,240.5	165.8	165.8	75.41	-379.5	-4,330.7	511.3	189.8	321.53	1.590		
13,700.0	7,369.3	13,501.3	7,241.1	168.6	168.6	75.47	-380.6	-4,430.7	511.2	184.3	326.91	1.564		
13,800.0	7,369.4	13,601.3	7,241.6	171.3	171.3	75.52	-381.7	-4,530.7	511.1	178.8	332.30	1.538		
13,900.0	7,369.5	13,701.3	7,242.2	174.0	174.1	75.57	-382.8	-4,630.7	510.9	173.2	337.69	1.513		
14,000.0	7,369.6	13,801.3	7,242.8	176.8	176.8	75.62	-383.9	-4,730.7	510.8	167.7	343.09	1.489 Level 3		
14,100.0	7,369.7	13,901.3	7,243.4	179.5	179.5	75.68	-385.0	-4,830.7	510.7	162.2	348.50	1.465 Level 3		
14,200.0	7,369.8	14,001.3	7,244.0	182.3	182.3	75.73	-386.1	-4,930.7	510.6	156.7	353.91	1.443 Level 3		
14,300.0	7,369.9	14,101.3	7,244.5	185.0	185.0	75.78	-387.2	-5,030.7	510.5	151.1	359.33	1.421 Level 3		
14,400.0	7,370.0	14,201.3	7,245.1	187.8	187.8	75.83	-388.3	-5,130.6	510.3	145.6	364.75	1.399 Level 3		
14,500.0	7,370.1	14,301.3	7,245.7	190.5	190.5	75.89	-389.4	-5,230.6	510.2	140.1	370.18	1.378 Level 3		
14,600.0	7,370.2	14,401.3	7,246.3	193.3	193.3	75.94	-390.5	-5,330.6	510.1	134.5	375.62	1.358 Level 3		
14,700.0	7,370.3	14,501.3	7,246.8	196.0	196.0	75.99	-391.6	-5,430.6	510.0	128.9	381.05	1.338 Level 3		
14,800.0	7,370.4	14,601.3	7,247.4	198.8	198.8	76.04	-392.7	-5,530.6	509.9	123.4	386.50	1.319 Level 3		
14,900.0	7,370.5	14,701.3	7,248.0	201.5	201.6	76.10	-393.8	-5,630.6	509.8	117.8	391.95	1.301 Level 3		
15,000.0	7,370.6	14,801.3	7,248.6	204.3	204.3	76.15	-394.9	-5,730.6	509.7	112.3	397.40	1.282 Level 3		
15,100.0	7,370.7	14,901.3	7,249.2	207.1	207.1	76.20	-396.0	-5,830.6	509.5	106.7	402.86	1.265 Level 3		
15,200.0	7,370.8	15,001.3	7,249.7	209.8	209.8	76.26	-397.1	-5,930.6	509.4	101.1	408.32	1.248 Level 2		
15,300.0	7,370.9	15,101.3	7,250.3	212.6	212.6	76.31	-398.2	-6,030.6	509.3	95.5	413.79	1.231 Level 2		
15,400.0	7,371.0	15,201.3	7,250.9	215.3	215.4	76.36	-399.3	-6,130.6	509.2	89.9	419.26	1.215 Level 2		
15,500.0	7,371.1	15,301.3	7,251.5	218.1	218.1	76.41	-400.4	-6,230.5	509.1	84.3	424.74	1.199 Level 2		
15,600.0	7,371.2	15,401.3	7,252.1	220.9	220.9	76.47	-401.5	-6,330.5	509.0	78.8	430.22	1.183 Level 2		
15,700.0	7,371.3	15,501.3	7,252.6	223.6	223.7	76.52	-402.6	-6,430.5	508.9	73.2	435.70	1.168 Level 2		
15,800.0	7,371.4	15,601.3	7,253.2	226.4	226.4	76.57	-403.7	-6,530.5	508.8	67.6	441.19	1.153 Level 2		
15,900.0	7,371.4	15,701.3	7,253.8	229.2	229.2	76.63	-404.8	-6,630.5	508.6	62.0	446.68	1.139 Level 2		
16,000.0	7,371.5	15,801.3	7,254.4	231.9	232.0	76.68	-405.9	-6,730.5	508.5	56.4	452.18	1.125 Level 2		
16,100.0	7,371.6	15,901.3	7,255.0	234.7	234.7	76.73	-407.0	-6,830.5	508.4	50.7	457.68	1.111 Level 2		
16,200.0	7,371.7	16,001.3	7,255.5	237.5	237.5	76.78	-408.1	-6,930.5	508.3	45.1	463.18	1.097 Level 2		
16,300.0	7,371.8	16,101.3	7,256.1	240.3	240.3	76.84	-409.2	-7,030.5	508.2	39.5	468.69	1.084 Level 2		
16,400.0	7,371.9	16,201.3	7,256.7	243.0	243.1	76.89	-410.3	-7,130.5	508.1	33.9	474.20	1.071 Level 2		
16,500.0	7,372.0	16,301.3	7,257.3	245.8	245.8	76.94	-411.4	-7,230.5	508.0	28.3	479.71	1.059 Level 2		
16,600.0	7,372.1	16,401.3	7,257.8	248.6	248.6	77.00	-412.5	-7,330.5	507.9	22.7	485.23	1.047 Level 2		
16,700.0	7,372.2	16,501.3	7,258.4	251.4	251.4	77.05	-413.6	-7,430.4	507.8	17.0	490.75	1.035 Level 2		
16,800.0	7,372.3	16,601.3	7,259.0	254.1	254.2	77.10	-414.7	-7,530.4	507.7	11.4	496.27	1.023 Level 2		
16,900.0	7,372.4	16,701.3	7,259.6	256.9	256.9	77.16	-415.8	-7,630.4	507.6	5.8	501.80	1.011 Level 2		
17,000.0	7,372.5	16,801.3	7,260.2	259.7	259.7	77.21	-416.9	-7,730.4	507.5	0.1	507.33	1.000 Level 2		
17,100.0	7,372.6	16,901.3	7,260.7	262.5	262.5	77.26	-417.9	-7,830.4	507.3	-5.5	512.86	0.989 Level 1		
17,200.0	7,372.7	17,001.3	7,261.3	265.2	265.3	77.32	-419.0	-7,930.4	507.2	-11.2	518.40	0.978 Level 1		
17,300.0	7,372.8	17,101.3	7,261.9	268.0	268.1	77.37	-420.1	-8,030.4	507.1	-16.8	523.93	0.968 Level 1		
17,400.0	7,372.9	17,201.3	7,262.5	270.8	270.8	77.42	-421.2	-8,130.4	507.0	-22.4	529.47	0.958 Level 1		
17,500.0	7,373.0	17,301.3	7,263.1	273.6	273.6	77.48	-422.3	-8,230.4	506.9	-28.1	535.02	0.948 Level 1		
17,600.0	7,373.1	17,401.3	7,263.6	276.4	276.4	77.53	-423.4	-8,330.4	506.8	-33.7	540.57	0.938 Level 1		
17,700.0	7,373.2	17,501.3	7,264.2	279.2	279.2	77.58	-424.5	-8,430.4	506.7	-39.4	546.12	0.928 Level 1		
17,800.0	7,373.3	17,601.3	7,264.8	281.9	282.0	77.64	-425.6	-8,530.3	506.6	-45.0	551.67	0.918 Level 1		
17,900.0	7,373.4	17,701.3	7,265.4	284.7	284.8	77.69	-426.7	-8,630.3	506.5	-50.7	557.22	0.909 Level 1		
18,000.0	7,373.5	17,801.3	7,265.9	287.5	287.5	77.74	-427.8	-8,730.3	506.4	-56.4	562.78	0.900 Level 1		
18,100.0	7,373.6	17,901.3	7,266.5	290.3	290.3	77.80	-428.9	-8,830.3	506.3	-62.0	568.34	0.891 Level 1		
18,200.0	7,373.7	18,001.3	7,267.1	293.1	293.1	77.85	-430.0	-8,930.3	506.2	-67.7	573.90	0.882 Level 1		
18,300.0	7,373.8	18,101.3	7,267.7	295.9	295.9	77.90	-431.1	-9,030.3	506.1	-73.3	579.47	0.873 Level 1		
18,400.0	7,373.9	18,201.3	7,268.3	298.6	298.7	77.96	-432.2	-9,130.3	506.0	-79.0	585.04	0.865 Level 1		
18,500.0	7,374.0	18,301.3	7,268.8	301.4	301.5	78.01	-433.3	-9,230.3	505.9	-84.7	590.61	0.857 Level 1		
18,525.8	7,374.0	18,327.0	7,269.0	302.1	302.2	78.02	-433.6	-9,256.0	505.9	-86.1	592.04	0.854 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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design												
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks U-27-28HN - Wellbore #1 - Plan #2 (10-19-1)												
Survey Program: 0-MWD											Offset Site Error:	0.0 ft
											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)	
18,550.8	7,374.0	18,328.4	7,269.0	302.8	302.2	78.02	-433.6	-9,257.4	506.4	-86.3	592.76	0.854 Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	15.3	0.0	15.3	15.3	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	0.00	15.3	0.0	15.3	15.1	0.22	68.113		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	15.3	0.0	15.3	14.6	0.67	22.704		
300.0	300.0	300.1	300.1	0.6	0.5	4.76	14.9	1.2	14.9	13.8	1.11	13.455		
396.5	396.5	396.5	396.5	0.8	0.8	19.28	13.6	4.8	14.5	12.9	1.53	9.429 CC		
400.0	400.0	400.1	400.0	0.8	0.8	20.01	13.6	4.9	14.5	12.9	1.55	9.335		
500.0	500.0	499.8	499.5	1.0	1.0	44.16	11.4	11.1	15.9	13.9	2.00	7.985		
600.0	600.0	599.1	598.3	1.2	1.3	66.79	8.4	19.7	21.5	19.0	2.45	8.745		
700.0	700.0	698.0	696.6	1.4	1.5	-33.67	4.6	30.6	30.0	27.1	2.91	10.320		
800.0	799.9	796.6	794.2	1.6	1.9	-26.71	0.0	43.9	39.6	36.2	3.34	11.831		
900.0	899.7	895.0	891.2	1.9	2.2	-22.72	-5.5	59.5	49.5	45.7	3.79	13.042		
1,000.0	999.3	993.1	987.4	2.1	2.6	-20.27	-11.8	77.4	59.6	55.3	4.26	13.988		
1,100.0	1,098.6	1,091.0	1,082.9	2.3	3.0	-18.69	-18.9	97.6	69.8	65.0	4.74	14.718		
1,200.0	1,197.5	1,188.6	1,177.6	2.6	3.5	-17.66	-26.7	120.1	80.0	74.7	5.24	15.271		
1,300.0	1,296.1	1,286.0	1,271.4	3.0	4.0	-16.98	-35.3	144.7	90.2	84.4	5.75	15.680		
1,400.0	1,394.2	1,383.1	1,364.2	3.3	4.6	-16.56	-44.7	171.6	100.4	94.1	6.28	15.979		
1,500.0	1,491.7	1,479.9	1,456.1	3.7	5.2	-16.32	-54.8	200.5	110.6	103.7	6.84	16.165		
1,600.0	1,588.6	1,576.6	1,546.9	4.2	5.9	-16.21	-65.7	231.6	120.7	113.3	7.42	16.269		
1,700.0	1,684.9	1,672.9	1,636.7	4.7	6.6	-16.21	-77.3	264.8	130.8	122.8	8.03	16.300		
1,800.0	1,780.4	1,769.1	1,725.3	5.3	7.4	-16.28	-89.6	299.9	140.9	132.2	8.66	16.267		
1,900.0	1,875.0	1,866.5	1,814.2	5.9	8.2	-16.44	-102.8	337.5	150.7	141.4	9.33	16.149		
2,000.0	1,968.9	1,966.2	1,905.0	6.6	9.1	-16.82	-116.4	376.4	158.5	148.4	10.05	15.767		
2,100.0	2,061.7	2,066.0	1,995.9	7.3	10.0	-17.44	-130.0	415.3	163.7	152.9	10.82	15.136		
2,200.0	2,153.6	2,165.9	2,086.9	8.1	10.8	-18.31	-143.6	454.3	166.5	154.9	11.65	14.298		
2,247.3	2,196.7	2,213.2	2,130.0	8.5	11.3	-18.82	-150.1	472.7	167.0	154.9	12.07	13.840		
2,300.0	2,244.6	2,265.9	2,177.9	8.9	11.7	-19.42	-157.3	493.3	167.3	154.7	12.57	13.304		
2,400.0	2,335.4	2,365.8	2,269.0	9.8	12.6	-20.55	-170.9	532.2	167.8	154.2	13.57	12.366		
2,500.0	2,426.3	2,465.8	2,360.0	10.7	13.5	-21.68	-184.5	571.2	168.3	153.7	14.61	11.522		
2,600.0	2,517.1	2,565.7	2,451.0	11.5	14.4	-22.80	-198.2	610.2	168.9	153.2	15.70	10.761		
2,700.0	2,608.0	2,665.7	2,542.0	12.4	15.3	-23.91	-211.8	649.1	169.6	152.8	16.84	10.074		
2,800.0	2,698.8	2,765.6	2,633.0	13.3	16.2	-25.01	-225.4	688.1	170.4	152.4	18.03	9.453		
2,900.0	2,789.6	2,865.5	2,724.1	14.2	17.1	-26.10	-239.1	727.1	171.2	152.0	19.26	8.890		
3,000.0	2,880.5	2,965.5	2,815.1	15.1	17.9	-27.18	-252.7	766.0	172.1	151.6	20.54	8.380		
3,100.0	2,971.3	3,065.4	2,906.1	16.0	18.8	-28.25	-266.3	805.0	173.0	151.2	21.86	7.917		
3,200.0	3,062.2	3,165.4	2,997.1	16.9	19.7	-29.31	-280.0	844.0	174.0	150.8	23.22	7.495		
3,300.0	3,153.0	3,265.3	3,088.1	17.8	20.6	-30.35	-293.6	882.9	175.1	150.5	24.62	7.111		
3,400.0	3,243.9	3,365.3	3,179.1	18.7	21.5	-31.38	-307.2	921.9	176.2	150.1	26.07	6.760		
3,500.0	3,334.7	3,465.2	3,270.2	19.6	22.4	-32.40	-320.9	960.9	177.4	149.8	27.55	6.439		
3,600.0	3,425.6	3,565.1	3,361.2	20.5	23.3	-33.41	-334.5	999.8	178.6	149.6	29.07	6.145		
3,700.0	3,516.4	3,665.1	3,452.2	21.4	24.2	-34.40	-348.1	1,038.8	179.9	149.3	30.62	5.876		
3,800.0	3,607.2	3,765.0	3,543.2	22.3	25.1	-35.37	-361.8	1,077.8	181.2	149.0	32.20	5.628		
3,900.0	3,698.1	3,865.0	3,634.2	23.2	26.0	-36.33	-375.4	1,116.7	182.6	148.8	33.82	5.400		
4,000.0	3,788.9	3,964.9	3,725.3	24.1	26.9	-37.28	-389.0	1,155.7	184.1	148.6	35.46	5.190		
4,100.0	3,879.8	4,064.9	3,816.3	25.0	27.8	-38.21	-402.7	1,194.7	185.6	148.4	37.14	4.996		
4,200.0	3,970.6	4,164.8	3,907.3	25.9	28.7	-39.13	-416.3	1,233.6	187.1	148.3	38.84	4.817		
4,300.0	4,061.5	4,264.8	3,998.3	26.8	29.6	-40.03	-429.9	1,272.6	188.7	148.1	40.56	4.652		
4,400.0	4,152.3	4,364.7	4,089.3	27.7	30.5	-40.92	-443.6	1,311.6	190.3	148.0	42.31	4.498		
4,500.0	4,243.1	4,464.6	4,180.4	28.6	31.4	-41.79	-457.2	1,350.5	192.0	147.9	44.08	4.355		
4,600.0	4,334.0	4,564.6	4,271.4	29.5	32.3	-42.64	-470.8	1,389.5	193.7	147.8	45.87	4.223		
4,700.0	4,424.8	4,664.5	4,362.4	30.4	33.2	-43.49	-484.5	1,428.5	195.5	147.8	47.68	4.099		
4,800.0	4,515.7	4,764.5	4,453.4	31.4	34.1	-44.31	-498.1	1,467.4	197.3	147.8	49.51	3.984		
4,900.0	4,606.5	4,864.4	4,544.4	32.3	35.0	-45.12	-511.7	1,506.4	199.1	147.7	51.35	3.877		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	4,697.4	4,964.4	4,635.5	33.2	35.9	-45.92	-525.3	1,545.4	201.0	147.8	53.21	3.777		
5,100.0	4,788.2	5,064.9	4,727.0	34.1	36.8	-46.71	-539.1	1,584.5	202.9	147.8	55.08	3.683		
5,200.0	4,879.1	5,170.3	4,823.9	35.0	37.6	-47.97	-552.7	1,623.6	203.2	146.0	57.17	3.554		
5,300.0	4,969.9	5,275.3	4,921.9	35.9	38.2	-50.00	-565.1	1,659.1	201.1	141.4	59.71	3.367		
5,400.0	5,060.7	5,379.7	5,020.7	36.8	38.8	-52.88	-576.3	1,691.1	196.7	134.0	62.75	3.135		
5,500.0	5,151.6	5,483.2	5,119.7	37.7	39.3	-56.74	-586.2	1,719.4	190.6	124.3	66.28	2.876		
5,556.0	5,202.4	5,540.6	5,175.2	38.2	39.6	-59.39	-591.2	1,733.6	186.7	118.2	68.47	2.726		
5,600.0	5,242.6	5,585.6	5,218.8	38.6	39.8	-61.60	-594.9	1,744.0	183.6	113.4	70.14	2.617		
5,700.0	5,334.7	5,687.2	5,317.9	39.3	40.2	-66.86	-602.3	1,765.2	177.4	103.7	73.67	2.408		
5,800.0	5,428.2	5,788.3	5,417.2	39.9	40.5	-72.42	-608.5	1,782.9	172.6	95.8	76.80	2.247		
5,900.0	5,522.8	5,888.7	5,516.4	40.4	40.8	-78.20	-613.5	1,797.3	169.2	89.8	79.39	2.131		
6,000.0	5,618.5	5,988.5	5,615.5	40.9	41.0	-84.14	-617.3	1,808.2	167.4	86.1	81.30	2.059		
6,064.6	5,680.9	6,052.7	5,679.5	41.2	41.1	-88.01	-619.2	1,813.6	167.1	85.0	82.11	2.035		
6,100.0	5,715.2	6,087.6	5,714.4	41.4	41.1	-90.12	-620.0	1,815.9	167.2	84.7	82.43	2.028		
6,200.0	5,812.7	6,186.2	5,812.8	41.8	41.3	-96.04	-621.6	1,820.3	168.5	85.8	82.76	2.036		
6,300.0	5,910.9	6,284.3	5,910.9	42.1	41.3	-101.80	-622.0	1,821.6	171.4	89.0	82.32	2.082		
6,400.0	6,009.7	6,383.1	6,009.7	42.4	41.4	-106.74	-622.0	1,821.6	175.2	93.8	81.41	2.152		
6,500.0	6,109.0	6,482.4	6,109.0	42.6	41.5	-110.44	-622.0	1,821.6	179.0	98.6	80.45	2.225		
6,600.0	6,208.7	6,582.1	6,208.7	42.8	41.5	-112.97	-622.0	1,821.6	182.1	102.5	79.67	2.286		
6,700.0	6,308.5	6,681.9	6,308.5	42.9	41.6	-114.42	-622.0	1,821.6	184.1	104.9	79.22	2.324		
6,791.5	6,400.0	6,773.4	6,400.0	43.0	41.7	-0.99	-622.0	1,821.6	184.7	137.5	47.29	3.907		
6,800.0	6,408.5	6,781.9	6,408.5	43.0	41.7	-0.99	-622.0	1,821.6	184.7	137.4	47.31	3.905		
6,900.0	6,508.5	6,881.9	6,508.5	43.0	41.7	-0.99	-622.0	1,821.6	184.7	137.2	47.53	3.887		
6,953.8	6,562.3	6,935.7	6,562.3	43.1	41.8	-0.99	-622.0	1,821.6	184.7	137.1	47.65	3.877		
7,000.0	6,608.5	6,981.8	6,608.4	43.1	41.8	-1.26	-622.0	1,820.7	184.7	136.8	47.94	3.853		
7,040.7	6,649.2	7,022.2	6,648.7	43.1	41.8	-2.23	-622.0	1,817.6	184.8	136.1	48.75	3.791		
7,050.0	6,658.5	7,031.4	6,657.8	43.1	41.8	88.10	-622.0	1,816.6	184.8	106.1	78.73	2.348		
7,100.0	6,708.4	7,080.5	6,706.3	43.1	41.7	86.48	-622.1	1,809.1	185.1	107.2	77.88	2.377		
7,150.0	6,758.1	7,129.3	6,753.9	43.1	41.7	84.89	-622.2	1,798.4	185.5	108.5	76.93	2.411		
7,200.0	6,807.2	7,177.7	6,800.3	43.0	41.6	83.34	-622.4	1,784.6	186.0	110.1	75.92	2.450		
7,250.0	6,855.5	7,225.9	6,845.4	43.0	41.4	81.84	-622.6	1,767.8	186.6	111.8	74.87	2.493		
7,300.0	6,902.9	7,273.7	6,889.0	42.8	41.3	80.39	-622.8	1,748.1	187.4	113.6	73.81	2.539		
7,350.0	6,949.0	7,321.2	6,930.9	42.7	41.2	78.99	-623.1	1,725.7	188.2	115.5	72.75	2.587		
7,400.0	6,993.6	7,368.5	6,971.1	42.6	41.1	77.67	-623.3	1,700.8	189.1	117.4	71.74	2.636		
7,450.0	7,036.6	7,415.5	7,009.3	42.4	40.9	76.41	-623.6	1,673.4	190.1	119.3	70.77	2.686		
7,500.0	7,077.6	7,462.3	7,045.4	42.3	40.8	75.23	-624.0	1,643.7	191.1	121.2	69.89	2.734		
7,550.0	7,116.6	7,508.8	7,079.4	42.2	40.7	74.12	-624.3	1,611.9	192.1	123.0	69.11	2.779		
7,600.0	7,153.3	7,555.2	7,111.0	42.1	40.6	73.10	-624.7	1,578.1	193.1	124.6	68.46	2.821		
7,650.0	7,187.6	7,600.0	7,139.5	41.9	40.5	72.19	-625.1	1,543.5	194.1	126.1	67.96	2.856		
7,700.0	7,219.2	7,647.3	7,167.2	41.9	40.5	71.31	-625.5	1,505.1	195.0	127.5	67.59	2.886		
7,750.0	7,248.0	7,693.1	7,191.6	41.8	40.4	70.54	-625.9	1,466.3	195.9	128.5	67.40	2.907		
7,800.0	7,273.9	7,738.8	7,213.3	41.7	40.4	69.87	-626.4	1,426.1	196.8	129.4	67.40	2.919		
7,850.0	7,296.8	7,784.4	7,232.4	41.7	40.5	69.28	-626.8	1,384.7	197.5	129.9	67.58	2.922		
7,900.0	7,316.5	7,829.9	7,248.8	41.7	40.5	68.78	-627.3	1,342.3	198.2	130.2	67.95	2.916		
7,950.0	7,332.9	7,875.3	7,262.4	41.8	40.6	68.37	-627.8	1,299.1	198.7	130.2	68.51	2.901		
8,000.0	7,346.1	7,920.6	7,273.2	41.9	40.7	68.05	-628.3	1,255.1	199.2	129.9	69.23	2.877		
8,050.0	7,355.8	7,965.8	7,281.3	42.0	40.8	67.82	-628.7	1,210.6	199.5	129.4	70.12	2.845		
8,100.0	7,362.0	8,011.0	7,286.5	42.1	41.0	67.68	-629.2	1,165.6	199.7	128.5	71.15	2.806		
8,150.0	7,364.8	8,056.2	7,288.9	42.3	41.2	67.63	-629.7	1,120.5	199.7	127.4	72.30	2.763		
8,164.3	7,364.0	8,068.3	7,289.0	42.4	41.2	67.90	-629.9	1,108.5	199.4	126.6	72.79	2.739		
8,165.3	7,364.0	8,069.3	7,289.0	42.4	41.2	67.90	-629.9	1,107.5	199.4	126.6	72.80	2.738		
8,166.3	7,364.0	8,070.3	7,289.0	42.4	41.3	67.90	-629.9	1,106.4	199.4	126.5	72.81	2.738		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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		
8,200.0	7,364.0	8,104.0	7,289.2	42.5	41.4	67.93	-630.3	1,072.8	199.3	126.1	73.24	2.721		
8,300.0	7,364.1	8,204.0	7,289.6	43.0	42.0	68.02	-631.4	972.8	199.2	124.5	74.71	2.666		
8,400.0	7,364.2	8,304.0	7,290.0	43.7	42.8	68.11	-632.5	872.8	199.1	122.5	76.52	2.602		
8,500.0	7,364.3	8,404.0	7,290.5	44.6	43.8	68.20	-633.6	772.8	198.9	120.3	78.64	2.530		
8,600.0	7,364.4	8,504.0	7,290.9	45.6	44.9	68.30	-634.7	672.8	198.8	117.8	81.05	2.453		
8,700.0	7,364.5	8,604.0	7,291.3	46.8	46.1	68.39	-635.7	572.8	198.7	115.0	83.72	2.373		
8,800.0	7,364.6	8,704.0	7,291.8	48.1	47.5	68.48	-636.8	472.8	198.6	111.9	86.64	2.292		
8,900.0	7,364.7	8,804.0	7,292.2	49.5	49.1	68.57	-637.9	372.8	198.5	108.7	89.78	2.210		
9,000.0	7,364.8	8,904.0	7,292.6	51.1	50.7	68.66	-639.0	272.8	198.3	105.2	93.12	2.130		
9,100.0	7,364.9	9,004.0	7,293.1	52.8	52.5	68.75	-640.1	172.8	198.2	101.6	96.63	2.051		
9,200.0	7,365.0	9,104.0	7,293.5	54.6	54.3	68.84	-641.2	72.9	198.1	97.8	100.31	1.975		
9,300.0	7,365.1	9,204.0	7,293.9	56.5	56.3	68.93	-642.3	-27.1	198.0	93.8	104.13	1.901		
9,400.0	7,365.2	9,304.0	7,294.4	58.5	58.3	69.02	-643.4	-127.1	197.9	89.8	108.08	1.831		
9,500.0	7,365.3	9,404.0	7,294.8	60.6	60.4	69.12	-644.5	-227.1	197.7	85.6	112.15	1.763		
9,600.0	7,365.4	9,504.0	7,295.2	62.7	62.5	69.21	-645.6	-327.1	197.6	81.3	116.33	1.699		
9,700.0	7,365.5	9,604.0	7,295.7	64.9	64.7	69.30	-646.7	-427.1	197.5	76.9	120.60	1.638		
9,800.0	7,365.6	9,704.0	7,296.1	67.1	67.0	69.39	-647.8	-527.1	197.4	72.4	124.96	1.580		
9,900.0	7,365.7	9,804.0	7,296.5	69.4	69.2	69.48	-648.9	-627.1	197.3	67.9	129.39	1.525		
10,000.0	7,365.8	9,904.0	7,297.0	71.7	71.6	69.57	-650.0	-727.1	197.2	63.3	133.90	1.472	Level 3	
10,100.0	7,365.9	10,004.0	7,297.4	74.0	73.9	69.67	-651.1	-827.1	197.0	58.6	138.47	1.423	Level 3	
10,200.0	7,366.0	10,104.0	7,297.8	76.4	76.3	69.76	-652.2	-927.1	196.9	53.8	143.11	1.376	Level 3	
10,300.0	7,366.1	10,204.0	7,298.3	78.8	78.8	69.85	-653.3	-1,027.1	196.8	49.0	147.79	1.332	Level 3	
10,400.0	7,366.2	10,304.0	7,298.7	81.3	81.2	69.94	-654.4	-1,127.1	196.7	44.2	152.53	1.290	Level 3	
10,500.0	7,366.2	10,404.0	7,299.1	83.7	83.7	70.04	-655.5	-1,227.0	196.6	39.3	157.31	1.250	Level 2	
10,600.0	7,366.3	10,504.0	7,299.6	86.2	86.2	70.13	-656.6	-1,327.0	196.5	34.3	162.14	1.212	Level 2	
10,700.0	7,366.4	10,604.0	7,300.0	88.7	88.7	70.22	-657.7	-1,427.0	196.4	29.4	167.00	1.176	Level 2	
10,800.0	7,366.5	10,704.0	7,300.4	91.3	91.2	70.31	-658.8	-1,527.0	196.3	24.3	171.90	1.142	Level 2	
10,900.0	7,366.6	10,804.0	7,300.9	93.8	93.8	70.41	-659.9	-1,627.0	196.1	19.3	176.84	1.109	Level 2	
11,000.0	7,366.7	10,904.0	7,301.3	96.4	96.3	70.50	-661.0	-1,727.0	196.0	14.2	181.80	1.078	Level 2	
11,100.0	7,366.8	11,004.0	7,301.7	98.9	98.9	70.59	-662.1	-1,827.0	195.9	9.1	186.80	1.049	Level 2	
11,200.0	7,366.9	11,104.0	7,302.2	101.5	101.5	70.69	-663.2	-1,927.0	195.8	4.0	191.82	1.021	Level 2	
11,300.0	7,367.0	11,204.0	7,302.6	104.1	104.1	70.78	-664.3	-2,027.0	195.7	-1.2	196.87	0.994	Level 1	
11,400.0	7,367.1	11,304.0	7,303.0	106.7	106.7	70.87	-665.3	-2,127.0	195.6	-6.4	201.94	0.969	Level 1	
11,500.0	7,367.2	11,404.0	7,303.5	109.4	109.4	70.97	-666.4	-2,227.0	195.5	-11.6	207.04	0.944	Level 1	
11,600.0	7,367.3	11,504.0	7,303.9	112.0	112.0	71.06	-667.5	-2,327.0	195.4	-16.8	212.16	0.921	Level 1	
11,700.0	7,367.4	11,604.0	7,304.3	114.6	114.6	71.16	-668.6	-2,427.0	195.3	-22.0	217.30	0.899	Level 1	
11,800.0	7,367.5	11,704.0	7,304.8	117.3	117.3	71.25	-669.7	-2,526.9	195.2	-27.3	222.45	0.877	Level 1	
11,900.0	7,367.6	11,804.0	7,305.2	119.9	119.9	71.34	-670.8	-2,626.9	195.1	-32.6	227.63	0.857	Level 1	
12,000.0	7,367.7	11,904.0	7,305.6	122.6	122.6	71.44	-671.9	-2,726.9	195.0	-37.9	232.82	0.837	Level 1	
12,100.0	7,367.8	12,004.0	7,306.1	125.3	125.3	71.53	-673.0	-2,826.9	194.9	-43.2	238.03	0.819	Level 1	
12,200.0	7,367.9	12,104.0	7,306.5	127.9	127.9	71.63	-674.1	-2,926.9	194.7	-48.5	243.26	0.801	Level 1	
12,300.0	7,368.0	12,204.0	7,306.9	130.6	130.6	71.72	-675.2	-3,026.9	194.6	-53.9	248.50	0.783	Level 1	
12,400.0	7,368.1	12,304.0	7,307.4	133.3	133.3	71.82	-676.3	-3,126.9	194.5	-59.2	253.76	0.767	Level 1	
12,500.0	7,368.2	12,404.0	7,307.8	136.0	136.0	71.91	-677.4	-3,226.9	194.4	-64.6	259.03	0.751	Level 1	
12,600.0	7,368.3	12,504.0	7,308.2	138.7	138.7	72.01	-678.5	-3,326.9	194.3	-70.0	264.31	0.735	Level 1	
12,700.0	7,368.4	12,604.0	7,308.7	141.4	141.4	72.10	-679.6	-3,426.9	194.2	-75.4	269.61	0.720	Level 1	
12,800.0	7,368.5	12,704.0	7,309.1	144.1	144.1	72.20	-680.7	-3,526.9	194.1	-80.8	274.92	0.706	Level 1	
12,900.0	7,368.6	12,804.0	7,309.5	146.8	146.8	72.29	-681.8	-3,626.9	194.0	-86.2	280.24	0.692	Level 1	
13,000.0	7,368.7	12,904.0	7,310.0	149.5	149.5	72.39	-682.9	-3,726.9	193.9	-91.6	285.57	0.679	Level 1	
13,100.0	7,368.8	13,004.0	7,310.4	152.2	152.2	72.48	-684.0	-3,826.9	193.8	-97.1	290.91	0.666	Level 1	
13,200.0	7,368.8	13,104.0	7,310.8	154.9	155.0	72.58	-685.1	-3,926.8	193.7	-102.5	296.27	0.654	Level 1	
13,300.0	7,368.9	13,204.0	7,311.3	157.7	157.7	72.67	-686.2	-4,026.8	193.6	-108.0	301.63	0.642	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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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		
13,400.0	7,369.0	13,304.0	7,311.7	160.4	160.4	72.77	-687.3	-4,126.8	193.5	-113.5	307.01	0.630	Level 1	
13,500.0	7,369.1	13,404.0	7,312.1	163.1	163.1	72.86	-688.4	-4,226.8	193.4	-118.9	312.39	0.619	Level 1	
13,600.0	7,369.2	13,504.0	7,312.6	165.8	165.9	72.96	-689.5	-4,326.8	193.3	-124.4	317.78	0.608	Level 1	
13,700.0	7,369.3	13,604.0	7,313.0	168.6	168.6	73.05	-690.6	-4,426.8	193.2	-129.9	323.19	0.598	Level 1	
13,800.0	7,369.4	13,704.0	7,313.4	171.3	171.3	73.15	-691.7	-4,526.8	193.2	-135.4	328.60	0.588	Level 1	
13,900.0	7,369.5	13,803.9	7,313.9	174.0	174.1	73.25	-692.8	-4,626.8	193.1	-141.0	334.02	0.578	Level 1	
14,000.0	7,369.6	13,903.9	7,314.3	176.8	176.8	73.34	-693.9	-4,726.8	193.0	-146.5	339.45	0.568	Level 1	
14,100.0	7,369.7	14,003.9	7,314.7	179.5	179.6	73.44	-694.9	-4,826.8	192.9	-152.0	344.89	0.559	Level 1	
14,200.0	7,369.8	14,103.9	7,315.2	182.3	182.3	73.54	-696.0	-4,926.8	192.8	-157.6	350.33	0.550	Level 1	
14,300.0	7,369.9	14,203.9	7,315.6	185.0	185.0	73.63	-697.1	-5,026.8	192.7	-163.1	355.78	0.542	Level 1	
14,400.0	7,370.0	14,303.9	7,316.0	187.8	187.8	73.73	-698.2	-5,126.8	192.6	-168.7	361.24	0.533	Level 1	
14,500.0	7,370.1	14,403.9	7,316.5	190.5	190.5	73.82	-699.3	-5,226.7	192.5	-174.2	366.71	0.525	Level 1	
14,600.0	7,370.2	14,503.9	7,316.9	193.3	193.3	73.92	-700.4	-5,326.7	192.4	-179.8	372.19	0.517	Level 1	
14,700.0	7,370.3	14,603.9	7,317.3	196.0	196.1	74.02	-701.5	-5,426.7	192.3	-185.3	377.67	0.509	Level 1	
14,800.0	7,370.4	14,703.9	7,317.8	198.8	198.8	74.12	-702.6	-5,526.7	192.2	-190.9	383.16	0.502	Level 1	
14,900.0	7,370.5	14,803.9	7,318.2	201.5	201.6	74.21	-703.7	-5,626.7	192.1	-196.5	388.65	0.494	Level 1	
15,000.0	7,370.6	14,903.9	7,318.6	204.3	204.3	74.31	-704.8	-5,726.7	192.1	-202.1	394.15	0.487	Level 1	
15,100.0	7,370.7	15,003.9	7,319.1	207.1	207.1	74.41	-705.9	-5,826.7	192.0	-207.7	399.66	0.480	Level 1	
15,200.0	7,370.8	15,103.9	7,319.5	209.8	209.8	74.50	-707.0	-5,926.7	191.9	-213.3	405.18	0.474	Level 1	
15,300.0	7,370.9	15,203.9	7,319.9	212.6	212.6	74.60	-708.1	-6,026.7	191.8	-218.9	410.70	0.467	Level 1	
15,400.0	7,371.0	15,303.9	7,320.4	215.3	215.4	74.70	-709.2	-6,126.7	191.7	-224.5	416.22	0.461	Level 1	
15,500.0	7,371.1	15,403.9	7,320.8	218.1	218.1	74.80	-710.3	-6,226.7	191.6	-230.1	421.76	0.454	Level 1	
15,600.0	7,371.2	15,503.9	7,321.2	220.9	220.9	74.89	-711.4	-6,326.7	191.5	-235.8	427.29	0.448	Level 1	
15,700.0	7,371.3	15,603.9	7,321.7	223.6	223.7	74.99	-712.5	-6,426.7	191.4	-241.4	432.84	0.442	Level 1	
15,800.0	7,371.4	15,703.9	7,322.1	226.4	226.4	75.09	-713.6	-6,526.6	191.4	-247.0	438.39	0.437	Level 1	
15,900.0	7,371.4	15,803.9	7,322.5	229.2	229.2	75.19	-714.7	-6,626.6	191.3	-252.7	443.94	0.431	Level 1	
16,000.0	7,371.5	15,903.9	7,323.0	231.9	232.0	75.28	-715.8	-6,726.6	191.2	-258.3	449.50	0.425	Level 1	
16,100.0	7,371.6	16,003.9	7,323.4	234.7	234.7	75.38	-716.9	-6,826.6	191.1	-264.0	455.07	0.420	Level 1	
16,200.0	7,371.7	16,103.9	7,323.8	237.5	237.5	75.48	-718.0	-6,926.6	191.0	-269.6	460.64	0.415	Level 1	
16,300.0	7,371.8	16,203.9	7,324.3	240.3	240.3	75.58	-719.1	-7,026.6	190.9	-275.3	466.22	0.410	Level 1	
16,400.0	7,371.9	16,303.9	7,324.7	243.0	243.1	75.68	-720.2	-7,126.6	190.9	-280.9	471.80	0.405	Level 1	
16,500.0	7,372.0	16,403.9	7,325.1	245.8	245.8	75.78	-721.3	-7,226.6	190.8	-286.6	477.38	0.400	Level 1	
16,600.0	7,372.1	16,503.9	7,325.6	248.6	248.6	75.87	-722.4	-7,326.6	190.7	-292.3	482.97	0.395	Level 1	
16,700.0	7,372.2	16,603.9	7,326.0	251.4	251.4	75.97	-723.5	-7,426.6	190.6	-297.9	488.57	0.390	Level 1	
16,800.0	7,372.3	16,703.9	7,326.4	254.1	254.2	76.07	-724.5	-7,526.6	190.5	-303.6	494.17	0.386	Level 1	
16,900.0	7,372.4	16,803.9	7,326.9	256.9	256.9	76.17	-725.6	-7,626.6	190.5	-309.3	499.77	0.381	Level 1	
17,000.0	7,372.5	16,903.9	7,327.3	259.7	259.7	76.27	-726.7	-7,726.6	190.4	-315.0	505.38	0.377	Level 1	
17,100.0	7,372.6	17,003.9	7,327.7	262.5	262.5	76.37	-727.8	-7,826.6	190.3	-320.7	510.99	0.372	Level 1	
17,200.0	7,372.7	17,103.9	7,328.2	265.2	265.3	76.47	-728.9	-7,926.6	190.2	-326.4	516.61	0.368	Level 1	
17,300.0	7,372.8	17,203.9	7,328.6	268.0	268.1	76.57	-730.0	-8,026.5	190.2	-332.1	522.23	0.364	Level 1	
17,400.0	7,372.9	17,303.9	7,329.0	270.8	270.8	76.66	-731.1	-8,126.5	190.1	-337.8	527.85	0.360	Level 1	
17,500.0	7,373.0	17,403.9	7,329.5	273.6	273.6	76.76	-732.2	-8,226.5	190.0	-343.5	533.48	0.356	Level 1	
17,600.0	7,373.1	17,503.9	7,329.9	276.4	276.4	76.86	-733.3	-8,326.5	189.9	-349.2	539.11	0.352	Level 1	
17,700.0	7,373.2	17,603.9	7,330.3	279.2	279.2	76.96	-734.4	-8,426.5	189.9	-354.9	544.75	0.349	Level 1	
17,800.0	7,373.3	17,703.9	7,330.8	281.9	282.0	77.06	-735.5	-8,526.5	189.8	-360.6	550.39	0.345	Level 1	
17,900.0	7,373.4	17,803.9	7,331.2	284.7	284.8	77.16	-736.6	-8,626.5	189.7	-366.3	556.03	0.341	Level 1	
18,000.0	7,373.5	17,903.9	7,331.7	287.5	287.5	77.26	-737.7	-8,726.5	189.6	-372.0	561.68	0.338	Level 1	
18,100.0	7,373.6	18,003.9	7,332.1	290.3	290.3	77.36	-738.8	-8,826.5	189.6	-377.8	567.33	0.334	Level 1	
18,200.0	7,373.7	18,103.9	7,332.5	293.1	293.1	77.46	-739.9	-8,926.5	189.5	-383.5	572.98	0.331	Level 1	
18,300.0	7,373.8	18,203.9	7,333.0	295.9	295.9	77.56	-741.0	-9,026.5	189.4	-389.2	578.64	0.327	Level 1	
18,400.0	7,373.9	18,303.9	7,333.4	298.6	298.7	77.66	-742.1	-9,126.5	189.4	-394.9	584.30	0.324	Level 1	
18,500.0	7,374.0	18,403.9	7,333.8	301.4	301.5	77.76	-743.2	-9,226.4	189.3	-400.7	589.97	0.321	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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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 V-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)			
18,535.8	7,374.0	18,439.7	7,334.0	302.4	302.5	77.80	-743.6	-9,262.3	189.3	-402.7	592.00	0.320 Level 1, SF		
18,550.8	7,374.0	18,445.8	7,334.0	302.8	302.6	77.80	-743.6	-9,268.3	189.5	-403.1	592.59	0.320 Level 1, ES		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	-178.93	-14.9	-0.3	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-178.93	-14.9	-0.3	14.9	14.7	0.22	66.468		
200.0	200.0	200.0	200.0	0.3	0.3	-178.93	-14.9	-0.3	14.9	14.3	0.67	22.156		
300.0	300.0	300.0	300.0	0.6	0.6	-178.93	-14.9	-0.3	14.9	13.8	1.12	13.294		
400.0	400.0	400.0	400.0	0.8	0.8	-178.93	-14.9	-0.3	14.9	13.4	1.57	9.495 CC		
500.0	500.0	499.8	499.8	1.0	1.0	176.72	-15.5	0.9	15.5	13.5	2.00	7.757		
600.0	600.0	599.5	599.4	1.2	1.2	165.74	-17.3	4.4	17.8	15.4	2.43	7.333		
700.0	700.0	699.0	698.7	1.4	1.4	41.46	-20.1	10.2	21.6	18.8	2.85	7.590		
800.0	799.9	798.3	797.6	1.6	1.7	34.54	-24.2	18.3	26.0	22.7	3.27	7.953		
900.0	899.7	897.6	896.2	1.9	1.9	29.86	-29.3	28.7	30.6	26.9	3.70	8.281		
1,000.0	999.3	996.7	994.2	2.1	2.2	26.62	-35.6	41.4	35.5	31.3	4.15	8.554		
1,100.0	1,098.6	1,095.6	1,091.8	2.3	2.6	24.32	-43.1	56.3	40.4	35.8	4.61	8.770		
1,200.0	1,197.5	1,194.4	1,188.7	2.6	2.9	22.67	-51.6	73.4	45.4	40.3	5.09	8.933		
1,300.0	1,296.1	1,293.1	1,285.0	3.0	3.4	21.49	-61.2	92.8	50.5	44.9	5.58	9.048		
1,400.0	1,394.2	1,391.7	1,380.6	3.3	3.8	20.64	-71.9	114.4	55.6	49.5	6.09	9.120		
1,500.0	1,491.7	1,490.2	1,475.4	3.7	4.3	20.04	-83.7	138.1	60.6	54.0	6.62	9.154		
1,600.0	1,588.6	1,588.5	1,569.4	4.2	4.9	19.64	-96.6	163.9	65.7	58.5	7.18	9.154		
1,700.0	1,684.9	1,686.7	1,662.5	4.7	5.5	19.38	-110.5	191.9	70.8	63.0	7.76	9.121		
1,800.0	1,780.4	1,784.7	1,754.6	5.3	6.2	19.25	-125.5	222.0	75.9	67.5	8.37	9.060		
1,900.0	1,875.0	1,882.7	1,845.7	5.9	6.9	19.22	-141.5	254.2	80.9	71.9	9.02	8.973		
2,000.0	1,968.9	1,980.5	1,935.8	6.6	7.7	19.27	-158.5	288.4	86.0	76.3	9.70	8.864		
2,100.0	2,061.7	2,078.4	2,024.9	7.3	8.5	19.39	-176.5	324.6	91.0	80.5	10.41	8.734		
2,200.0	2,153.6	2,178.3	2,115.4	8.1	9.4	19.84	-195.3	362.5	94.5	83.3	11.20	8.441		
2,247.3	2,196.7	2,225.6	2,158.3	8.5	9.8	20.23	-204.3	380.5	95.4	83.8	11.60	8.221		
2,300.0	2,244.6	2,278.3	2,206.0	8.9	10.3	20.73	-214.2	400.4	96.0	83.9	12.09	7.942		
2,400.0	2,335.4	2,378.3	2,296.6	9.8	11.2	21.66	-233.0	438.4	97.2	84.2	13.05	7.453		
2,500.0	2,426.3	2,478.3	2,387.1	10.7	12.1	22.57	-251.9	476.3	98.5	84.5	14.05	7.012		
2,600.0	2,517.1	2,578.2	2,477.7	11.5	13.0	23.46	-270.8	514.2	99.8	84.7	15.09	6.614		
2,700.0	2,608.0	2,678.2	2,568.3	12.4	13.9	24.32	-289.6	552.1	101.1	84.9	16.16	6.255		
2,800.0	2,698.8	2,778.2	2,658.8	13.3	14.8	25.17	-308.5	590.1	102.4	85.1	17.27	5.929		
2,900.0	2,789.6	2,878.2	2,749.4	14.2	15.7	25.99	-327.3	628.0	103.8	85.3	18.42	5.634		
3,000.0	2,880.5	2,978.2	2,839.9	15.1	16.6	26.79	-346.2	665.9	105.1	85.5	19.59	5.366		
3,100.0	2,971.3	3,078.1	2,930.5	16.0	17.5	27.56	-365.0	703.8	106.5	85.7	20.80	5.121		
3,200.0	3,062.2	3,178.1	3,021.1	16.9	18.5	28.32	-383.9	741.8	107.9	85.9	22.03	4.898		
3,300.0	3,153.0	3,278.1	3,111.6	17.8	19.4	29.06	-402.7	779.7	109.3	86.1	23.29	4.694		
3,400.0	3,243.9	3,378.1	3,202.2	18.7	20.3	29.78	-421.6	817.6	110.8	86.2	24.58	4.507		
3,500.0	3,334.7	3,478.1	3,292.8	19.6	21.2	30.48	-440.5	855.5	112.2	86.4	25.89	4.335		
3,600.0	3,425.6	3,578.0	3,383.3	20.5	22.1	31.16	-459.3	893.5	113.7	86.5	27.23	4.177		
3,700.0	3,516.4	3,678.0	3,473.9	21.4	23.0	31.83	-478.2	931.4	115.2	86.6	28.59	4.031		
3,800.0	3,607.2	3,778.0	3,564.5	22.3	24.0	32.48	-497.0	969.3	116.7	86.8	29.96	3.895		
3,900.0	3,698.1	3,878.0	3,655.0	23.2	24.9	33.11	-515.9	1,007.2	118.2	86.9	31.36	3.770		
4,000.0	3,788.9	3,978.0	3,745.6	24.1	25.8	33.73	-534.7	1,045.2	119.8	87.0	32.78	3.654		
4,100.0	3,879.8	4,077.9	3,836.2	25.0	26.7	34.33	-553.6	1,083.1	121.3	87.1	34.21	3.546		
4,200.0	3,970.6	4,177.9	3,926.7	25.9	27.6	34.91	-572.5	1,121.0	122.9	87.2	35.66	3.446		
4,300.0	4,061.5	4,277.9	4,017.3	26.8	28.6	35.48	-591.3	1,158.9	124.5	87.3	37.13	3.352		
4,400.0	4,152.3	4,377.9	4,107.9	27.7	29.5	36.04	-610.2	1,196.8	126.0	87.4	38.61	3.265		
4,500.0	4,243.1	4,477.9	4,198.4	28.6	30.4	36.58	-629.0	1,234.8	127.6	87.5	40.11	3.183		
4,600.0	4,334.0	4,577.8	4,289.0	29.5	31.3	37.11	-647.9	1,272.7	129.3	87.6	41.61	3.106		
4,700.0	4,424.8	4,677.8	4,379.6	30.4	32.2	37.62	-666.7	1,310.6	130.9	87.7	43.14	3.034		
4,800.0	4,515.7	4,777.8	4,470.1	31.4	33.2	38.12	-685.6	1,348.5	132.5	87.8	44.67	2.966		
4,900.0	4,606.5	4,877.8	4,560.7	32.3	34.1	38.62	-704.4	1,386.5	134.1	87.9	46.22	2.903		
5,000.0	4,697.4	4,977.8	4,651.3	33.2	35.0	39.09	-723.3	1,424.4	135.8	88.0	47.77	2.843		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	4,788.2	5,077.7	4,741.8	34.1	35.9	39.56	-742.2	1,462.3	137.5	88.1	49.34	2.786		
5,200.0	4,879.1	5,179.7	4,834.4	35.0	36.8	40.15	-761.2	1,500.6	138.8	87.8	50.98	2.721		
5,300.0	4,969.9	5,283.6	4,930.1	35.9	37.5	41.59	-779.2	1,536.9	137.6	84.4	53.16	2.588		
5,400.0	5,060.7	5,387.1	5,026.8	36.8	38.2	44.09	-795.7	1,570.0	133.8	77.7	56.06	2.386		
5,500.0	5,151.6	5,490.0	5,124.1	37.7	38.7	47.89	-810.5	1,599.7	127.7	67.8	59.84	2.133		
5,556.0	5,202.4	5,547.2	5,178.8	38.2	39.0	50.71	-818.0	1,614.9	123.4	61.0	62.38	1.979		
5,600.0	5,242.6	5,592.0	5,221.8	38.6	39.3	53.16	-823.6	1,626.1	120.0	55.6	64.46	1.862		
5,700.0	5,334.7	5,693.5	5,319.9	39.3	39.7	59.22	-835.1	1,649.2	113.1	44.0	69.12	1.636		
5,800.0	5,428.2	5,794.4	5,418.4	39.9	40.1	65.95	-845.0	1,669.1	107.4	33.8	73.58	1.460 Level 3		
5,900.0	5,522.8	5,894.9	5,517.1	40.4	40.4	73.29	-853.3	1,685.8	103.2	25.7	77.48	1.332 Level 3		
6,000.0	5,618.5	5,994.8	5,615.8	40.9	40.7	81.08	-860.0	1,699.4	100.7	20.3	80.44	1.252 Level 3		
6,087.6	5,703.2	6,082.0	5,702.4	41.3	40.9	88.10	-864.6	1,708.6	100.0	18.0	82.03	1.219 Level 2		
6,100.0	5,715.2	6,094.2	5,714.6	41.4	40.9	89.09	-865.2	1,709.8	100.0	17.8	82.18	1.217 Level 2		
6,200.0	5,812.7	6,193.2	5,813.2	41.8	41.1	97.05	-868.8	1,717.1	101.2	18.6	82.53	1.226 Level 2		
6,300.0	5,910.9	6,291.7	5,911.6	42.1	41.2	104.68	-870.9	1,721.3	104.1	22.5	81.59	1.275 Level 3		
6,400.0	6,009.7	6,389.8	6,009.7	42.4	41.3	111.79	-871.5	1,722.5	108.5	28.9	79.61	1.363 Level 3		
6,500.0	6,109.0	6,489.1	6,109.0	42.6	41.3	117.43	-871.5	1,722.5	113.5	36.2	77.36	1.468 Level 3		
6,600.0	6,208.7	6,588.8	6,208.7	42.8	41.4	121.13	-871.5	1,722.5	117.7	42.1	75.59	1.557		
6,700.0	6,308.5	6,688.6	6,308.5	42.9	41.5	123.19	-871.5	1,722.5	120.3	45.8	74.54	1.614		
6,791.5	6,400.0	6,780.1	6,400.0	43.0	41.5	-122.37	-871.5	1,722.5	121.1	65.8	55.30	2.190		
6,800.0	6,408.5	6,788.6	6,408.5	43.0	41.5	-122.37	-871.5	1,722.5	121.1	65.8	55.32	2.189		
6,900.0	6,508.5	6,878.9	6,498.7	43.0	41.5	-121.64	-871.6	1,719.5	124.1	68.0	56.07	2.213		
7,000.0	6,608.5	6,964.3	6,583.0	43.1	41.5	-118.82	-871.7	1,706.6	137.3	78.8	58.43	2.349		
7,040.7	6,649.2	7,000.0	6,617.8	43.1	41.4	-117.23	-871.8	1,698.3	145.7	86.0	59.72	2.440		
7,050.0	6,658.5	7,005.5	6,623.1	43.1	41.4	-26.27	-871.8	1,696.8	147.8	77.0	70.87	2.086		
7,100.0	6,708.4	7,050.0	6,665.6	43.1	41.3	-24.10	-872.0	1,683.7	159.1	90.2	68.90	2.309		
7,150.0	6,758.1	7,086.2	6,699.5	43.1	41.2	-22.57	-872.1	1,671.1	169.8	102.7	67.09	2.531		
7,200.0	6,807.2	7,125.9	6,735.9	43.0	41.1	-21.17	-872.3	1,655.3	180.1	115.0	65.09	2.766		
7,250.0	6,855.5	7,165.3	6,771.2	43.0	41.0	-19.99	-872.5	1,637.6	189.7	126.7	63.02	3.010		
7,300.0	6,902.9	7,200.0	6,801.3	42.8	40.9	-19.08	-872.7	1,620.5	198.8	137.8	60.92	3.263		
7,350.0	6,949.0	7,243.2	6,837.6	42.7	40.8	-18.17	-872.9	1,597.2	207.0	148.4	58.60	3.533		
7,400.0	6,993.6	7,281.7	6,868.8	42.6	40.7	-17.46	-873.2	1,574.6	214.7	158.4	56.26	3.815		
7,450.0	7,036.6	7,320.0	6,898.6	42.4	40.6	-16.87	-873.5	1,550.5	221.5	167.7	53.85	4.114		
7,500.0	7,077.6	7,358.1	6,926.9	42.3	40.5	-16.37	-873.7	1,524.9	227.7	176.3	51.38	4.430		
7,550.0	7,116.6	7,400.0	6,956.3	42.2	40.4	-15.93	-874.1	1,495.2	233.0	184.2	48.85	4.770		
7,600.0	7,153.3	7,433.9	6,978.9	42.1	40.4	-15.62	-874.4	1,469.9	237.5	191.1	46.38	5.121		
7,650.0	7,187.6	7,471.6	7,002.5	41.9	40.3	-15.36	-874.7	1,440.5	241.2	197.3	43.90	5.495		
7,700.0	7,219.2	7,509.2	7,024.5	41.9	40.2	-15.16	-875.0	1,410.0	244.1	202.6	41.49	5.884		
7,750.0	7,248.0	7,550.0	7,046.5	41.8	40.2	-15.01	-875.4	1,375.7	246.2	207.0	39.18	6.283		
7,800.0	7,273.9	7,584.2	7,063.5	41.7	40.2	-14.94	-875.7	1,345.9	247.4	210.3	37.06	6.675		
7,850.0	7,296.8	7,621.7	7,080.4	41.7	40.2	-14.92	-876.1	1,312.5	247.7	212.6	35.15	7.047		
7,900.0	7,316.5	7,659.2	7,095.5	41.7	40.2	-14.95	-876.5	1,278.2	247.2	213.7	33.53	7.373		
7,950.0	7,332.9	7,700.0	7,109.9	41.8	40.2	-15.05	-876.9	1,240.0	245.9	213.7	32.28	7.619		
8,000.0	7,346.1	7,734.2	7,120.3	41.9	40.3	-15.19	-877.3	1,207.4	243.7	212.3	31.39	7.764		
8,050.0	7,355.8	7,771.9	7,129.9	42.0	40.3	-15.40	-877.7	1,171.0	240.7	209.8	30.96	7.776		
8,100.0	7,362.0	7,809.6	7,137.5	42.1	40.4	-15.68	-878.1	1,134.1	236.9	205.9	30.97	7.649		
8,150.0	7,364.8	7,850.0	7,143.6	42.3	40.5	-16.05	-878.6	1,094.1	232.3	200.8	31.45	7.386		
8,164.3	7,364.0	7,857.4	7,144.5	42.4	40.5	-16.20	-878.6	1,086.8	229.9	198.3	31.67	7.260		
8,165.3	7,364.0	7,858.2	7,144.6	42.4	40.5	-16.21	-878.6	1,086.0	229.8	198.1	31.69	7.253		
8,166.3	7,364.0	7,859.0	7,144.7	42.4	40.5	-16.22	-878.7	1,085.2	229.7	198.0	31.70	7.245		
8,200.0	7,364.0	7,884.6	7,147.0	42.5	40.6	-16.38	-878.9	1,059.7	226.8	194.6	32.20	7.042		
8,285.9	7,364.1	7,954.4	7,149.0	43.0	40.9	-16.52	-879.7	989.9	224.4	191.1	33.27	6.745		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,364.1	7,968.5	7,149.0	43.0	41.0	-16.52	-879.9	975.8	224.4	191.0	33.44	6.710		
8,400.0	7,364.2	8,068.5	7,149.0	43.7	41.5	-16.52	-881.0	875.9	224.5	189.8	34.72	6.465		
8,500.0	7,364.3	8,168.5	7,149.0	44.6	42.2	-16.51	-882.1	775.9	224.6	188.5	36.08	6.225		
8,600.0	7,364.4	8,268.5	7,149.0	45.6	43.1	-16.51	-883.2	675.9	224.7	187.2	37.51	5.990		
8,700.0	7,364.5	8,368.5	7,149.0	46.8	44.1	-16.51	-884.3	575.9	224.8	185.8	39.00	5.763		
8,800.0	7,364.6	8,468.5	7,149.0	48.1	45.3	-16.50	-885.4	475.9	224.9	184.3	40.55	5.546		
8,900.0	7,364.7	8,568.5	7,149.0	49.5	46.7	-16.50	-886.5	375.9	225.0	182.8	42.14	5.338		
9,000.0	7,364.8	8,668.5	7,149.0	51.1	48.2	-16.49	-887.6	275.9	225.1	181.3	43.78	5.140		
9,100.0	7,364.9	8,768.5	7,149.0	52.8	49.8	-16.49	-888.8	175.9	225.2	179.7	45.46	4.952		
9,200.0	7,365.0	8,868.5	7,149.0	54.6	51.5	-16.48	-889.9	75.9	225.3	178.1	47.18	4.775		
9,300.0	7,365.1	8,968.5	7,149.0	56.5	53.4	-16.48	-891.0	-24.1	225.3	176.4	48.92	4.606		
9,400.0	7,365.2	9,068.5	7,149.0	58.5	55.3	-16.47	-892.1	-124.1	225.4	174.7	50.70	4.447		
9,500.0	7,365.3	9,168.5	7,149.0	60.6	57.4	-16.47	-893.2	-224.1	225.5	173.0	52.49	4.296		
9,600.0	7,365.4	9,268.5	7,149.0	62.7	59.5	-16.47	-894.3	-324.1	225.6	171.3	54.31	4.154		
9,700.0	7,365.5	9,368.5	7,149.0	64.9	61.6	-16.46	-895.4	-424.1	225.7	169.6	56.16	4.020		
9,800.0	7,365.6	9,468.5	7,149.0	67.1	63.9	-16.46	-896.5	-524.1	225.8	167.8	58.01	3.893		
9,900.0	7,365.7	9,568.5	7,149.0	69.4	66.1	-16.45	-897.6	-624.1	225.9	166.0	59.89	3.772		
10,000.0	7,365.8	9,668.5	7,149.0	71.7	68.5	-16.45	-898.7	-724.0	226.0	164.2	61.78	3.658		
10,100.0	7,365.9	9,768.5	7,149.0	74.0	70.8	-16.44	-899.9	-824.0	226.1	162.4	63.68	3.551		
10,200.0	7,366.0	9,868.5	7,149.0	76.4	73.2	-16.44	-901.0	-924.0	226.2	160.6	65.60	3.448		
10,300.0	7,366.1	9,968.5	7,149.0	78.8	75.6	-16.44	-902.1	-1,024.0	226.3	158.8	67.52	3.351		
10,400.0	7,366.2	10,068.5	7,149.0	81.3	78.1	-16.43	-903.2	-1,124.0	226.4	156.9	69.46	3.259		
10,500.0	7,366.2	10,168.5	7,149.0	83.7	80.6	-16.43	-904.3	-1,224.0	226.5	155.1	71.41	3.172		
10,600.0	7,366.3	10,268.5	7,149.0	86.2	83.0	-16.42	-905.4	-1,324.0	226.6	153.2	73.36	3.089		
10,700.0	7,366.4	10,368.5	7,149.0	88.7	85.6	-16.42	-906.5	-1,424.0	226.7	151.4	75.32	3.009		
10,800.0	7,366.5	10,468.5	7,149.0	91.3	88.1	-16.41	-907.6	-1,524.0	226.8	149.5	77.29	2.934		
10,900.0	7,366.6	10,568.5	7,149.0	93.8	90.7	-16.41	-908.7	-1,624.0	226.9	147.6	79.27	2.862		
11,000.0	7,366.7	10,668.5	7,149.0	96.4	93.2	-16.41	-909.8	-1,724.0	227.0	145.7	81.25	2.793		
11,100.0	7,366.8	10,768.5	7,149.0	98.9	95.8	-16.40	-910.9	-1,824.0	227.1	143.8	83.24	2.728		
11,200.0	7,366.9	10,868.5	7,149.0	101.5	98.4	-16.40	-912.1	-1,924.0	227.2	141.9	85.23	2.665		
11,300.0	7,367.0	10,968.5	7,149.0	104.1	101.0	-16.39	-913.2	-2,024.0	227.3	140.0	87.23	2.605		
11,400.0	7,367.1	11,068.5	7,149.0	106.7	103.6	-16.39	-914.3	-2,124.0	227.4	138.1	89.23	2.548		
11,500.0	7,367.2	11,168.5	7,149.0	109.4	106.3	-16.38	-915.4	-2,224.0	227.4	136.2	91.24	2.493		
11,600.0	7,367.3	11,268.5	7,149.0	112.0	108.9	-16.38	-916.5	-2,324.0	227.5	134.3	93.25	2.440		
11,700.0	7,367.4	11,368.5	7,149.0	114.6	111.6	-16.38	-917.6	-2,423.9	227.6	132.4	95.26	2.390		
11,800.0	7,367.5	11,468.5	7,149.0	117.3	114.2	-16.37	-918.7	-2,523.9	227.7	130.5	97.28	2.341		
11,900.0	7,367.6	11,568.5	7,149.0	119.9	116.9	-16.37	-919.8	-2,623.9	227.8	128.5	99.30	2.294		
12,000.0	7,367.7	11,668.5	7,149.0	122.6	119.5	-16.36	-920.9	-2,723.9	227.9	126.6	101.32	2.250		
12,100.0	7,367.8	11,768.5	7,149.0	125.3	122.2	-16.36	-922.0	-2,823.9	228.0	124.7	103.34	2.206		
12,200.0	7,367.9	11,868.5	7,149.0	127.9	124.9	-16.35	-923.2	-2,923.9	228.1	122.7	105.37	2.165		
12,300.0	7,368.0	11,968.5	7,149.0	130.6	127.6	-16.35	-924.3	-3,023.9	228.2	120.8	107.40	2.125		
12,400.0	7,368.1	12,068.5	7,149.0	133.3	130.3	-16.35	-925.4	-3,123.9	228.3	118.9	109.43	2.086		
12,500.0	7,368.2	12,168.5	7,149.0	136.0	133.0	-16.34	-926.5	-3,223.9	228.4	116.9	111.47	2.049		
12,600.0	7,368.3	12,268.5	7,149.0	138.7	135.7	-16.34	-927.6	-3,323.9	228.5	115.0	113.50	2.013		
12,700.0	7,368.4	12,368.5	7,149.0	141.4	138.4	-16.33	-928.7	-3,423.9	228.6	113.1	115.54	1.978		
12,800.0	7,368.5	12,468.5	7,149.0	144.1	141.1	-16.33	-929.8	-3,523.9	228.7	111.1	117.58	1.945		
12,900.0	7,368.6	12,568.5	7,149.0	146.8	143.8	-16.33	-930.9	-3,623.9	228.8	109.2	119.62	1.913		
13,000.0	7,368.7	12,668.5	7,149.0	149.5	146.5	-16.32	-932.0	-3,723.9	228.9	107.2	121.66	1.881		
13,100.0	7,368.8	12,768.5	7,149.0	152.2	149.3	-16.32	-933.1	-3,823.9	229.0	105.3	123.70	1.851		
13,200.0	7,368.8	12,868.5	7,149.0	154.9	152.0	-16.31	-934.3	-3,923.9	229.1	103.3	125.75	1.822		
13,300.0	7,368.9	12,968.5	7,149.0	157.7	154.7	-16.31	-935.4	-4,023.8	229.2	101.4	127.79	1.793		
13,400.0	7,369.0	13,068.5	7,149.0	160.4	157.4	-16.30	-936.5	-4,123.8	229.3	99.4	129.84	1.766		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,369.1	13,168.5	7,149.0	163.1	160.2	-16.30	-937.6	-4,223.8	229.4	97.5	131.89	1.739		
13,600.0	7,369.2	13,268.5	7,149.0	165.8	162.9	-16.30	-938.7	-4,323.8	229.5	95.5	133.93	1.713		
13,700.0	7,369.3	13,368.5	7,149.0	168.6	165.7	-16.29	-939.8	-4,423.8	229.5	93.6	135.98	1.688		
13,800.0	7,369.4	13,468.5	7,149.0	171.3	168.4	-16.29	-940.9	-4,523.8	229.6	91.6	138.03	1.664		
13,900.0	7,369.5	13,568.5	7,149.0	174.0	171.1	-16.28	-942.0	-4,623.8	229.7	89.7	140.08	1.640		
14,000.0	7,369.6	13,668.5	7,149.0	176.8	173.9	-16.28	-943.1	-4,723.8	229.8	87.7	142.13	1.617		
14,100.0	7,369.7	13,768.5	7,149.0	179.5	176.6	-16.27	-944.2	-4,823.8	229.9	85.7	144.19	1.595		
14,200.0	7,369.8	13,868.5	7,149.0	182.3	179.4	-16.27	-945.3	-4,923.8	230.0	83.8	146.24	1.573		
14,300.0	7,369.9	13,968.5	7,149.0	185.0	182.1	-16.27	-946.5	-5,023.8	230.1	81.8	148.29	1.552		
14,400.0	7,370.0	14,068.5	7,149.0	187.8	184.9	-16.26	-947.6	-5,123.8	230.2	79.9	150.34	1.531		
14,500.0	7,370.1	14,168.5	7,149.0	190.5	187.6	-16.26	-948.7	-5,223.8	230.3	77.9	152.40	1.511		
14,600.0	7,370.2	14,268.5	7,149.0	193.3	190.4	-16.25	-949.8	-5,323.8	230.4	76.0	154.45	1.492 Level 3		
14,700.0	7,370.3	14,368.5	7,149.0	196.0	193.2	-16.25	-950.9	-5,423.8	230.5	74.0	156.51	1.473 Level 3		
14,800.0	7,370.4	14,468.5	7,149.0	198.8	195.9	-16.25	-952.0	-5,523.8	230.6	72.0	158.56	1.454 Level 3		
14,900.0	7,370.5	14,568.5	7,149.0	201.5	198.7	-16.24	-953.1	-5,623.7	230.7	70.1	160.62	1.436 Level 3		
15,000.0	7,370.6	14,668.5	7,149.0	204.3	201.4	-16.24	-954.2	-5,723.7	230.8	68.1	162.67	1.419 Level 3		
15,100.0	7,370.7	14,768.5	7,149.0	207.1	204.2	-16.23	-955.3	-5,823.7	230.9	66.2	164.73	1.402 Level 3		
15,200.0	7,370.8	14,868.5	7,149.0	209.8	207.0	-16.23	-956.4	-5,923.7	231.0	64.2	166.78	1.385 Level 3		
15,300.0	7,370.9	14,968.5	7,149.0	212.6	209.7	-16.23	-957.6	-6,023.7	231.1	62.2	168.84	1.369 Level 3		
15,400.0	7,371.0	15,068.5	7,149.0	215.3	212.5	-16.22	-958.7	-6,123.7	231.2	60.3	170.89	1.353 Level 3		
15,500.0	7,371.1	15,168.5	7,149.0	218.1	215.3	-16.22	-959.8	-6,223.7	231.3	58.3	172.95	1.337 Level 3		
15,600.0	7,371.2	15,268.5	7,149.0	220.9	218.0	-16.21	-960.9	-6,323.7	231.4	56.4	175.01	1.322 Level 3		
15,700.0	7,371.3	15,368.5	7,149.0	223.6	220.8	-16.21	-962.0	-6,423.7	231.5	54.4	177.06	1.307 Level 3		
15,800.0	7,371.4	15,468.5	7,149.0	226.4	223.6	-16.20	-963.1	-6,523.7	231.6	52.4	179.12	1.293 Level 3		
15,900.0	7,371.4	15,568.5	7,149.0	229.2	226.3	-16.20	-964.2	-6,623.7	231.6	50.5	181.17	1.279 Level 3		
16,000.0	7,371.5	15,668.5	7,149.0	231.9	229.1	-16.20	-965.3	-6,723.7	231.7	48.5	183.23	1.265 Level 3		
16,100.0	7,371.6	15,768.5	7,149.0	234.7	231.9	-16.19	-966.4	-6,823.7	231.8	46.5	185.29	1.251 Level 3		
16,200.0	7,371.7	15,868.5	7,149.0	237.5	234.7	-16.19	-967.5	-6,923.7	231.9	44.6	187.34	1.238 Level 2		
16,300.0	7,371.8	15,968.5	7,149.0	240.3	237.4	-16.18	-968.6	-7,023.7	232.0	42.6	189.40	1.225 Level 2		
16,400.0	7,371.9	16,068.5	7,149.0	243.0	240.2	-16.18	-969.8	-7,123.7	232.1	40.7	191.46	1.212 Level 2		
16,500.0	7,372.0	16,168.5	7,149.0	245.8	243.0	-16.18	-970.9	-7,223.6	232.2	38.7	193.51	1.200 Level 2		
16,600.0	7,372.1	16,268.5	7,149.0	248.6	245.8	-16.17	-972.0	-7,323.6	232.3	36.7	195.57	1.188 Level 2		
16,700.0	7,372.2	16,368.5	7,149.0	251.4	248.6	-16.17	-973.1	-7,423.6	232.4	34.8	197.63	1.176 Level 2		
16,800.0	7,372.3	16,468.5	7,149.0	254.1	251.3	-16.16	-974.2	-7,523.6	232.5	32.8	199.68	1.164 Level 2		
16,900.0	7,372.4	16,568.5	7,149.0	256.9	254.1	-16.16	-975.3	-7,623.6	232.6	30.9	201.74	1.153 Level 2		
17,000.0	7,372.5	16,668.5	7,149.0	259.7	256.9	-16.16	-976.4	-7,723.6	232.7	28.9	203.79	1.142 Level 2		
17,100.0	7,372.6	16,768.5	7,149.0	262.5	259.7	-16.15	-977.5	-7,823.6	232.8	26.9	205.85	1.131 Level 2		
17,200.0	7,372.7	16,868.5	7,149.0	265.2	262.5	-16.15	-978.6	-7,923.6	232.9	25.0	207.90	1.120 Level 2		
17,300.0	7,372.8	16,968.5	7,149.0	268.0	265.2	-16.14	-979.7	-8,023.6	233.0	23.0	209.96	1.110 Level 2		
17,400.0	7,372.9	17,068.5	7,149.0	270.8	268.0	-16.14	-980.9	-8,123.6	233.1	21.1	212.02	1.099 Level 2		
17,500.0	7,373.0	17,168.5	7,149.0	273.6	270.8	-16.14	-982.0	-8,223.6	233.2	19.1	214.07	1.089 Level 2		
17,600.0	7,373.1	17,268.5	7,149.0	276.4	273.6	-16.13	-983.1	-8,323.6	233.3	17.1	216.13	1.079 Level 2		
17,700.0	7,373.2	17,368.5	7,149.0	279.2	276.4	-16.13	-984.2	-8,423.6	233.4	15.2	218.18	1.070 Level 2		
17,800.0	7,373.3	17,468.5	7,149.0	281.9	279.2	-16.12	-985.3	-8,523.6	233.5	13.2	220.23	1.060 Level 2		
17,900.0	7,373.4	17,568.5	7,149.0	284.7	281.9	-16.12	-986.4	-8,623.6	233.6	11.3	222.29	1.051 Level 2		
18,000.0	7,373.5	17,668.5	7,149.0	287.5	284.7	-16.11	-987.5	-8,723.6	233.7	9.3	224.34	1.041 Level 2		
18,100.0	7,373.6	17,768.5	7,149.0	290.3	287.5	-16.11	-988.6	-8,823.5	233.7	7.3	226.40	1.032 Level 2		
18,200.0	7,373.7	17,868.5	7,149.0	293.1	290.3	-16.11	-989.7	-8,923.5	233.8	5.4	228.45	1.024 Level 2		
18,300.0	7,373.8	17,968.5	7,149.0	295.9	293.1	-16.10	-990.8	-9,023.5	233.9	3.4	230.50	1.015 Level 2		
18,400.0	7,373.9	18,068.5	7,149.0	298.6	295.9	-16.10	-992.0	-9,123.5	234.0	1.5	232.56	1.006 Level 2		
18,500.0	7,374.0	18,168.5	7,149.0	301.4	298.7	-16.09	-993.1	-9,223.5	234.1	-0.5	234.61	0.998 Level 1		
18,550.8	7,374.0	18,219.4	7,149.0	302.8	300.1	-16.09	-993.6	-9,274.4	234.2	-1.5	235.65	0.994 Level 1, ES, SF		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (10-27-17)	Offset TVD Reference:	Offset Datum

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	-179.47	-29.9	-0.3	29.9					
100.0	100.0	100.0	100.0	0.1	0.1	-179.47	-29.9	-0.3	29.9	29.7	0.22	132.919		
200.0	200.0	200.0	200.0	0.3	0.3	-179.47	-29.9	-0.3	29.9	29.2	0.67	44.306 CC		
300.0	300.0	299.6	299.6	0.6	0.5	178.35	-30.5	0.9	30.5	29.4	1.11	27.548		
400.0	400.0	399.1	399.0	0.8	0.8	172.35	-32.3	4.3	32.6	31.0	1.54	21.114		
500.0	500.0	498.3	498.0	1.0	1.0	164.05	-35.2	10.1	36.7	34.7	2.00	18.360		
600.0	600.0	597.2	596.4	1.2	1.2	155.36	-39.3	18.0	43.4	41.0	2.48	17.523		
700.0	700.0	695.6	694.2	1.4	1.5	34.53	-44.6	28.2	52.0	49.1	2.89	17.981		
800.0	799.9	793.8	791.4	1.6	1.8	29.73	-51.0	40.6	61.2	57.9	3.33	18.383		
900.0	899.7	891.7	887.9	1.9	2.2	26.32	-58.5	55.2	70.8	67.0	3.78	18.706		
1,000.0	999.3	989.4	983.8	2.1	2.6	23.83	-67.2	71.9	80.5	76.2	4.25	18.941		
1,100.0	1,098.6	1,086.8	1,078.9	2.3	3.0	21.99	-76.9	90.8	90.3	85.6	4.73	19.095		
1,200.0	1,197.5	1,184.0	1,173.1	2.6	3.5	20.60	-87.7	111.7	100.2	95.0	5.22	19.176		
1,300.0	1,296.1	1,280.9	1,266.6	3.0	4.0	19.54	-99.6	134.7	110.1	104.3	5.74	19.190		
1,400.0	1,394.2	1,377.6	1,359.1	3.3	4.6	18.74	-112.5	159.7	120.0	113.7	6.26	19.156		
1,500.0	1,491.7	1,474.1	1,450.6	3.7	5.2	18.12	-126.5	186.8	129.8	123.0	6.81	19.062		
1,600.0	1,588.6	1,570.3	1,541.1	4.2	5.9	17.66	-141.5	215.8	139.7	132.3	7.38	18.923		
1,700.0	1,684.9	1,666.3	1,630.6	4.7	6.6	17.32	-157.5	246.7	149.5	141.5	7.97	18.745		
1,800.0	1,780.4	1,762.1	1,718.9	5.3	7.3	17.08	-174.4	279.6	159.2	150.6	8.59	18.531		
1,900.0	1,875.0	1,857.6	1,806.1	5.9	8.2	16.91	-192.4	314.3	168.8	159.6	9.23	18.286		
2,000.0	1,968.9	1,952.9	1,892.1	6.6	9.0	16.82	-211.3	350.8	178.4	168.5	9.90	18.017		
2,100.0	2,061.7	2,052.2	1,981.0	7.3	9.9	16.86	-231.5	390.1	186.9	176.3	10.62	17.596		
2,200.0	2,153.6	2,152.0	2,070.4	8.1	10.9	17.13	-251.9	429.5	192.9	181.5	11.38	16.946		
2,247.3	2,196.7	2,199.3	2,112.7	8.5	11.3	17.34	-261.6	448.2	194.9	183.1	11.76	16.570		
2,300.0	2,244.6	2,251.9	2,159.8	8.9	11.8	17.60	-272.3	469.0	196.7	184.5	12.21	16.113		
2,400.0	2,335.4	2,351.9	2,249.3	9.8	12.8	18.08	-292.7	508.5	200.3	187.2	13.08	15.311		
2,500.0	2,426.3	2,451.8	2,338.8	10.7	13.7	18.55	-313.1	548.0	203.9	189.9	13.98	14.588		
2,600.0	2,517.1	2,551.7	2,428.3	11.5	14.7	19.00	-333.5	587.5	207.5	192.6	14.89	13.934		
2,700.0	2,608.0	2,651.6	2,517.8	12.4	15.7	19.44	-353.9	627.0	211.2	195.3	15.83	13.340		
2,800.0	2,698.8	2,751.5	2,607.3	13.3	16.6	19.86	-374.3	666.5	214.8	198.0	16.78	12.800		
2,900.0	2,789.6	2,851.5	2,696.8	14.2	17.6	20.26	-394.7	706.0	218.4	200.7	17.75	12.307		
3,000.0	2,880.5	2,951.4	2,786.3	15.1	18.6	20.66	-415.2	745.4	222.1	203.4	18.73	11.856		
3,100.0	2,971.3	3,051.3	2,875.8	16.0	19.5	21.04	-435.6	784.9	225.8	206.0	19.73	11.442		
3,200.0	3,062.2	3,151.2	2,965.3	16.9	20.5	21.40	-456.0	824.4	229.5	208.7	20.74	11.061		
3,300.0	3,153.0	3,251.2	3,054.7	17.8	21.5	21.76	-476.4	863.9	233.1	211.4	21.77	10.710		
3,400.0	3,243.9	3,351.1	3,144.2	18.7	22.4	22.11	-496.8	903.4	236.8	214.0	22.81	10.385		
3,500.0	3,334.7	3,451.0	3,233.7	19.6	23.4	22.44	-517.2	942.9	240.5	216.7	23.85	10.084		
3,600.0	3,425.6	3,550.9	3,323.2	20.5	24.4	22.77	-537.6	982.4	244.3	219.3	24.91	9.804		
3,700.0	3,516.4	3,650.8	3,412.7	21.4	25.4	23.08	-558.0	1,021.9	248.0	222.0	25.98	9.544		
3,800.0	3,607.2	3,750.8	3,502.2	22.3	26.3	23.39	-578.4	1,061.4	251.7	224.6	27.06	9.301		
3,900.0	3,698.1	3,850.7	3,591.7	23.2	27.3	23.68	-598.8	1,100.9	255.4	227.3	28.15	9.074		
4,000.0	3,788.9	3,950.6	3,681.2	24.1	28.3	23.97	-619.2	1,140.4	259.2	229.9	29.25	8.861		
4,100.0	3,879.8	4,050.5	3,770.7	25.0	29.2	24.25	-639.6	1,179.8	262.9	232.6	30.36	8.662		
4,200.0	3,970.6	4,150.5	3,860.2	25.9	30.2	24.52	-660.0	1,219.3	266.7	235.2	31.47	8.474		
4,300.0	4,061.5	4,250.4	3,949.7	26.8	31.2	24.79	-680.4	1,258.8	270.4	237.9	32.59	8.298		
4,400.0	4,152.3	4,350.3	4,039.1	27.7	32.2	25.05	-700.8	1,298.3	274.2	240.5	33.72	8.132		
4,500.0	4,243.1	4,450.2	4,128.6	28.6	33.1	25.30	-721.2	1,337.8	278.0	243.1	34.86	7.975		
4,600.0	4,334.0	4,550.1	4,218.1	29.5	34.1	25.54	-741.6	1,377.3	281.8	245.8	36.00	7.827		
4,700.0	4,424.8	4,650.1	4,307.6	30.4	35.1	25.78	-762.0	1,416.8	285.5	248.4	37.15	7.686		
4,800.0	4,515.7	4,750.0	4,397.1	31.4	36.1	26.01	-782.4	1,456.3	289.3	251.0	38.30	7.553		
4,900.0	4,606.5	4,849.9	4,486.6	32.3	37.0	26.23	-802.8	1,495.8	293.1	253.6	39.47	7.427		
5,000.0	4,697.4	4,949.8	4,576.1	33.2	38.0	26.45	-823.2	1,535.3	296.9	256.3	40.63	7.307		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	4,788.2	5,054.5	4,670.0	34.1	39.0	26.71	-844.4	1,576.3	300.4	258.5	41.84	7.179		
5,200.0	4,879.1	5,165.1	4,770.8	35.0	39.8	27.25	-865.3	1,616.8	300.8	257.6	43.22	6.961		
5,300.0	4,969.9	5,275.5	4,873.0	35.9	40.5	28.13	-884.4	1,653.7	297.8	253.0	44.81	6.646		
5,400.0	5,060.7	5,385.3	4,976.3	36.8	41.2	29.38	-901.5	1,686.9	291.4	244.7	46.67	6.243		
5,500.0	5,151.6	5,494.3	5,080.1	37.7	41.7	31.08	-916.8	1,716.4	281.7	232.8	48.89	5.763		
5,556.0	5,202.4	5,554.8	5,138.3	38.2	42.0	32.26	-924.4	1,731.2	275.0	224.7	50.31	5.466		
5,600.0	5,242.6	5,602.1	5,184.0	38.6	42.2	33.21	-930.0	1,742.0	269.3	217.9	51.44	5.236		
5,700.0	5,334.7	5,709.2	5,288.2	39.3	42.7	35.52	-941.4	1,764.1	256.5	202.4	54.04	4.746		
5,800.0	5,428.2	5,815.6	5,392.5	39.9	43.0	38.05	-951.0	1,782.6	243.8	187.0	56.77	4.294		
5,900.0	5,522.8	5,921.3	5,496.8	40.4	43.3	40.83	-958.7	1,797.5	231.3	171.7	59.63	3.879		
6,000.0	5,618.5	6,026.3	5,601.0	40.9	43.6	43.90	-964.6	1,808.9	219.1	156.5	62.63	3.498		
6,100.0	5,715.2	6,130.6	5,705.0	41.4	43.7	47.30	-968.7	1,816.9	207.4	141.6	65.77	3.153		
6,200.0	5,812.7	6,234.2	5,808.4	41.8	43.9	51.06	-971.1	1,821.5	196.2	127.2	69.02	2.842		
6,300.0	5,910.9	6,336.7	5,910.9	42.1	43.9	55.22	-971.8	1,822.8	185.7	113.4	72.32	2.568		
6,400.0	6,009.7	6,435.5	6,009.7	42.4	44.0	59.11	-971.8	1,822.8	177.3	102.1	75.19	2.358		
6,500.0	6,109.0	6,534.8	6,109.0	42.6	44.1	62.40	-971.8	1,822.8	171.5	94.0	77.45	2.214		
6,600.0	6,208.7	6,634.5	6,208.7	42.8	44.1	64.88	-971.8	1,822.8	167.7	88.6	79.06	2.121		
6,700.0	6,308.5	6,734.3	6,308.5	42.9	44.2	66.38	-971.8	1,822.8	165.7	85.6	80.03	2.070		
6,791.5	6,400.0	6,825.8	6,400.0	43.0	44.2	-179.31	-971.8	1,822.8	165.1	115.0	50.07	3.297		
6,800.0	6,408.5	6,834.3	6,408.5	43.0	44.3	-179.31	-971.8	1,822.8	165.1	115.0	50.09	3.296		
6,860.7	6,469.2	6,895.0	6,469.2	43.0	44.3	-179.31	-971.8	1,822.8	165.1	114.9	50.22	3.288		
6,900.0	6,508.5	6,934.2	6,508.4	43.0	44.3	-179.26	-971.8	1,822.7	165.1	114.8	50.25	3.285		
7,000.0	6,608.5	7,032.7	6,606.5	43.1	44.3	-176.19	-971.9	1,813.8	165.6	117.6	48.00	3.449		
7,040.7	6,649.2	7,071.8	6,644.9	43.1	44.2	-173.70	-972.0	1,806.5	166.3	120.1	46.21	3.600		
7,050.0	6,658.5	7,080.6	6,653.5	43.1	44.2	-82.41	-972.0	1,804.6	166.6	83.1	83.42	1.997		
7,100.0	6,708.4	7,127.7	6,699.0	43.1	44.1	-78.94	-972.1	1,792.6	168.3	83.7	84.60	1.989		
7,150.0	6,758.1	7,174.2	6,743.0	43.1	44.0	-75.61	-972.3	1,777.8	170.6	85.2	85.38	1.998		
7,200.0	6,807.2	7,220.1	6,785.5	43.0	43.9	-72.46	-972.5	1,760.4	173.4	87.6	85.77	2.022		
7,250.0	6,855.5	7,265.4	6,826.3	43.0	43.8	-69.49	-972.7	1,740.6	176.6	90.8	85.78	2.059		
7,300.0	6,902.9	7,310.3	6,865.3	42.8	43.7	-66.71	-972.9	1,718.5	180.2	94.7	85.43	2.109		
7,350.0	6,949.0	7,354.7	6,902.5	42.7	43.6	-64.14	-973.2	1,694.2	184.0	99.2	84.74	2.171		
7,400.0	6,993.6	7,400.0	6,938.8	42.6	43.5	-61.72	-973.5	1,667.2	187.9	104.2	83.76	2.244		
7,450.0	7,036.6	7,442.3	6,971.1	42.4	43.3	-59.62	-973.8	1,639.8	191.9	109.4	82.54	2.325		
7,500.0	7,077.6	7,485.6	7,002.4	42.3	43.2	-57.66	-974.1	1,610.0	196.0	114.9	81.11	2.416		
7,550.0	7,116.6	7,528.5	7,031.7	42.2	43.2	-55.88	-974.5	1,578.6	200.0	120.5	79.52	2.515		
7,600.0	7,153.3	7,571.1	7,058.8	42.1	43.1	-54.29	-974.8	1,545.7	203.8	126.0	77.80	2.620		
7,650.0	7,187.6	7,613.5	7,083.7	41.9	43.0	-52.87	-975.2	1,511.5	207.5	131.5	76.01	2.730		
7,700.0	7,219.2	7,655.6	7,106.5	41.9	43.0	-51.61	-975.6	1,476.1	211.0	136.8	74.19	2.844		
7,750.0	7,248.0	7,700.0	7,128.2	41.8	42.9	-50.46	-976.0	1,437.4	214.3	141.9	72.34	2.962		
7,800.0	7,273.9	7,739.2	7,145.3	41.7	42.9	-49.56	-976.4	1,402.1	217.2	146.6	70.61	3.076		
7,850.0	7,296.8	7,780.7	7,161.3	41.7	43.0	-48.75	-976.8	1,363.8	219.8	150.8	68.93	3.188		
7,900.0	7,316.5	7,822.1	7,175.1	41.7	43.0	-48.08	-977.3	1,324.7	222.0	154.6	67.37	3.295		
7,950.0	7,332.9	7,863.4	7,186.5	41.8	43.0	-47.54	-977.7	1,285.1	223.8	157.9	65.97	3.393		
8,000.0	7,346.1	7,904.6	7,195.6	41.9	43.1	-47.12	-978.1	1,244.9	225.3	160.5	64.75	3.479		
8,050.0	7,355.8	7,950.0	7,202.9	42.0	43.2	-46.81	-978.6	1,200.1	226.4	162.6	63.74	3.552		
8,050.7	7,355.9	7,950.0	7,202.9	42.0	43.2	-46.81	-978.6	1,200.1	226.4	162.6	63.73	3.552		
8,100.0	7,362.0	7,986.8	7,206.8	42.1	43.3	-46.66	-979.0	1,163.5	226.9	164.0	62.95	3.605		
8,150.0	7,364.8	8,027.8	7,208.8	42.3	43.4	-46.61	-979.5	1,122.5	227.1	164.7	62.40	3.640		
8,164.3	7,364.0	8,039.3	7,209.0	42.4	43.5	-46.80	-979.6	1,111.1	226.4	164.0	62.43	3.627		
8,165.3	7,364.0	8,039.6	7,209.0	42.4	43.5	-46.80	-979.6	1,110.8	226.4	164.0	62.44	3.626		
8,166.3	7,364.0	8,040.7	7,209.0	42.4	43.5	-46.80	-979.6	1,109.7	226.4	164.0	62.45	3.626		
8,200.0	7,364.0	8,074.3	7,209.2	42.5	43.6	-46.83	-980.0	1,076.0	226.3	163.4	62.89	3.598		

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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,364.1	8,174.3	7,209.8	43.0	44.1	-46.92	-981.1	976.1	226.0	161.6	64.36	3.511		
8,400.0	7,364.2	8,274.3	7,210.4	43.7	44.7	-47.01	-982.2	876.1	225.6	159.6	66.06	3.416		
8,500.0	7,364.3	8,374.3	7,210.9	44.6	45.5	-47.09	-983.3	776.1	225.3	157.3	67.99	3.314		
8,600.0	7,364.4	8,474.3	7,211.5	45.6	46.5	-47.18	-984.4	676.1	225.0	154.9	70.13	3.208		
8,700.0	7,364.5	8,574.3	7,212.1	46.8	47.6	-47.27	-985.5	576.1	224.7	152.2	72.46	3.100		
8,800.0	7,364.6	8,674.3	7,212.7	48.1	48.8	-47.36	-986.6	476.1	224.3	149.4	74.97	2.992		
8,900.0	7,364.7	8,774.3	7,213.2	49.5	50.2	-47.45	-987.7	376.1	224.0	146.4	77.64	2.885		
9,000.0	7,364.8	8,874.3	7,213.8	51.1	51.8	-47.55	-988.8	276.1	223.7	143.2	80.46	2.780		
9,100.0	7,364.9	8,974.3	7,214.4	52.8	53.4	-47.64	-989.9	176.1	223.4	139.9	83.41	2.678		
9,200.0	7,365.0	9,074.3	7,215.0	54.6	55.2	-47.73	-991.0	76.1	223.0	136.5	86.49	2.579		
9,300.0	7,365.1	9,174.3	7,215.6	56.5	57.0	-47.82	-992.1	-23.9	222.7	133.0	89.67	2.484		
9,400.0	7,365.2	9,274.3	7,216.1	58.5	59.0	-47.91	-993.2	-123.8	222.4	129.4	92.96	2.392		
9,500.0	7,365.3	9,374.3	7,216.7	60.6	61.0	-48.00	-994.3	-223.8	222.1	125.7	96.34	2.305		
9,600.0	7,365.4	9,474.3	7,217.3	62.7	63.1	-48.09	-995.4	-323.8	221.7	121.9	99.80	2.222		
9,700.0	7,365.5	9,574.3	7,217.9	64.9	65.3	-48.19	-996.5	-423.8	221.4	118.1	103.34	2.143		
9,800.0	7,365.6	9,674.3	7,218.4	67.1	67.5	-48.28	-997.6	-523.8	221.1	114.1	106.95	2.067		
9,900.0	7,365.7	9,774.3	7,219.0	69.4	69.7	-48.37	-998.7	-623.8	220.8	110.1	110.63	1.996		
10,000.0	7,365.8	9,874.3	7,219.6	71.7	72.0	-48.47	-999.8	-723.8	220.5	106.1	114.37	1.928		
10,100.0	7,365.9	9,974.3	7,220.2	74.0	74.4	-48.56	-1,000.9	-823.8	220.1	102.0	118.16	1.863		
10,200.0	7,366.0	10,074.3	7,220.7	76.4	76.8	-48.65	-1,002.0	-923.8	219.8	97.8	122.00	1.802		
10,300.0	7,366.1	10,174.3	7,221.3	78.8	79.2	-48.75	-1,003.1	-1,023.8	219.5	93.6	125.90	1.743		
10,400.0	7,366.2	10,274.3	7,221.9	81.3	81.6	-48.84	-1,004.2	-1,123.8	219.2	89.3	129.84	1.688		
10,500.0	7,366.2	10,374.3	7,222.5	83.7	84.1	-48.94	-1,005.3	-1,223.7	218.9	85.0	133.82	1.636		
10,600.0	7,366.3	10,474.3	7,223.1	86.2	86.6	-49.03	-1,006.4	-1,323.7	218.5	80.7	137.84	1.586		
10,700.0	7,366.4	10,574.3	7,223.6	88.7	89.1	-49.13	-1,007.5	-1,423.7	218.2	76.3	141.90	1.538		
10,800.0	7,366.5	10,674.3	7,224.2	91.3	91.6	-49.22	-1,008.6	-1,523.7	217.9	71.9	145.99	1.493 Level 3		
10,900.0	7,366.6	10,774.3	7,224.8	93.8	94.1	-49.32	-1,009.7	-1,623.7	217.6	67.5	150.12	1.450 Level 3		
11,000.0	7,366.7	10,874.3	7,225.4	96.4	96.7	-49.41	-1,010.8	-1,723.7	217.3	63.0	154.28	1.408 Level 3		
11,100.0	7,366.8	10,974.3	7,225.9	98.9	99.3	-49.51	-1,011.9	-1,823.7	217.0	58.5	158.47	1.369 Level 3		
11,200.0	7,366.9	11,074.3	7,226.5	101.5	101.8	-49.61	-1,013.0	-1,923.7	216.7	54.0	162.69	1.332 Level 3		
11,300.0	7,367.0	11,174.3	7,227.1	104.1	104.4	-49.70	-1,014.0	-2,023.7	216.4	49.4	166.94	1.296 Level 3		
11,400.0	7,367.1	11,274.3	7,227.7	106.7	107.0	-49.80	-1,015.1	-2,123.7	216.0	44.8	171.21	1.262 Level 3		
11,500.0	7,367.2	11,374.3	7,228.3	109.4	109.7	-49.90	-1,016.2	-2,223.7	215.7	40.2	175.51	1.229 Level 2		
11,600.0	7,367.3	11,474.3	7,228.8	112.0	112.3	-50.00	-1,017.3	-2,323.6	215.4	35.6	179.83	1.198 Level 2		
11,700.0	7,367.4	11,574.3	7,229.4	114.6	114.9	-50.09	-1,018.4	-2,423.6	215.1	30.9	184.18	1.168 Level 2		
11,800.0	7,367.5	11,674.3	7,230.0	117.3	117.6	-50.19	-1,019.5	-2,523.6	214.8	26.3	188.55	1.139 Level 2		
11,900.0	7,367.6	11,774.3	7,230.6	119.9	120.2	-50.29	-1,020.6	-2,623.6	214.5	21.6	192.94	1.112 Level 2		
12,000.0	7,367.7	11,874.3	7,231.1	122.6	122.9	-50.39	-1,021.7	-2,723.6	214.2	16.8	197.36	1.085 Level 2		
12,100.0	7,367.8	11,974.3	7,231.7	125.3	125.6	-50.49	-1,022.8	-2,823.6	213.9	12.1	201.79	1.060 Level 2		
12,200.0	7,367.9	12,074.3	7,232.3	127.9	128.2	-50.59	-1,023.9	-2,923.6	213.6	7.3	206.25	1.036 Level 2		
12,300.0	7,368.0	12,174.3	7,232.9	130.6	130.9	-50.69	-1,025.0	-3,023.6	213.3	2.5	210.72	1.012 Level 2		
12,400.0	7,368.1	12,274.3	7,233.4	133.3	133.6	-50.79	-1,026.1	-3,123.6	213.0	-2.3	215.22	0.990 Level 1		
12,500.0	7,368.2	12,374.3	7,234.0	136.0	136.3	-50.89	-1,027.2	-3,223.6	212.7	-7.1	219.73	0.968 Level 1		
12,600.0	7,368.3	12,474.3	7,234.6	138.7	139.0	-50.99	-1,028.3	-3,323.6	212.4	-11.9	224.26	0.947 Level 1		
12,700.0	7,368.4	12,574.3	7,235.2	141.4	141.7	-51.09	-1,029.4	-3,423.6	212.1	-16.8	228.81	0.927 Level 1		
12,800.0	7,368.5	12,674.3	7,235.8	144.1	144.4	-51.19	-1,030.5	-3,523.5	211.7	-21.6	233.38	0.907 Level 1		
12,900.0	7,368.6	12,774.3	7,236.3	146.8	147.1	-51.29	-1,031.6	-3,623.5	211.4	-26.5	237.96	0.889 Level 1		
13,000.0	7,368.7	12,874.3	7,236.9	149.5	149.8	-51.40	-1,032.7	-3,723.5	211.1	-31.4	242.57	0.870 Level 1		
13,100.0	7,368.8	12,974.3	7,237.5	152.2	152.5	-51.50	-1,033.8	-3,823.5	210.8	-36.3	247.19	0.853 Level 1		
13,200.0	7,368.8	13,074.3	7,238.1	154.9	155.2	-51.60	-1,034.9	-3,923.5	210.5	-41.3	251.82	0.836 Level 1		
13,300.0	7,368.9	13,174.3	7,238.6	157.7	157.9	-51.70	-1,036.0	-4,023.5	210.2	-46.2	256.48	0.820 Level 1		
13,400.0	7,369.0	13,274.3	7,239.2	160.4	160.7	-51.80	-1,037.1	-4,123.5	209.9	-51.2	261.15	0.804 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 W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (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	7,369.1	13,374.3	7,239.8	163.1	163.4	-51.91	-1,038.2	-4,223.5	209.7	-56.2	265.83	0.789	Level 1	
13,600.0	7,369.2	13,474.3	7,240.4	165.8	166.1	-52.01	-1,039.3	-4,323.5	209.4	-61.2	270.53	0.774	Level 1	
13,700.0	7,369.3	13,574.3	7,241.0	168.6	168.9	-52.12	-1,040.4	-4,423.5	209.1	-66.2	275.25	0.760	Level 1	
13,800.0	7,369.4	13,674.3	7,241.5	171.3	171.6	-52.22	-1,041.5	-4,523.5	208.8	-71.2	279.98	0.746	Level 1	
13,900.0	7,369.5	13,774.3	7,242.1	174.0	174.3	-52.32	-1,042.6	-4,623.4	208.5	-76.3	284.72	0.732	Level 1	
14,000.0	7,369.6	13,874.3	7,242.7	176.8	177.1	-52.43	-1,043.7	-4,723.4	208.2	-81.3	289.49	0.719	Level 1	
14,100.0	7,369.7	13,974.3	7,243.3	179.5	179.8	-52.53	-1,044.8	-4,823.4	207.9	-86.4	294.26	0.706	Level 1	
14,200.0	7,369.8	14,074.3	7,243.8	182.3	182.6	-52.64	-1,045.9	-4,923.4	207.6	-91.5	299.05	0.694	Level 1	
14,300.0	7,369.9	14,174.3	7,244.4	185.0	185.3	-52.74	-1,047.0	-5,023.4	207.3	-96.6	303.86	0.682	Level 1	
14,400.0	7,370.0	14,274.3	7,245.0	187.8	188.1	-52.85	-1,048.1	-5,123.4	207.0	-101.7	308.68	0.671	Level 1	
14,500.0	7,370.1	14,374.3	7,245.6	190.5	190.8	-52.96	-1,049.2	-5,223.4	206.7	-106.8	313.52	0.659	Level 1	
14,600.0	7,370.2	14,474.3	7,246.1	193.3	193.6	-53.06	-1,050.3	-5,323.4	206.4	-111.9	318.37	0.648	Level 1	
14,700.0	7,370.3	14,574.3	7,246.7	196.0	196.3	-53.17	-1,051.4	-5,423.4	206.1	-117.1	323.23	0.638	Level 1	
14,800.0	7,370.4	14,674.3	7,247.3	198.8	199.1	-53.28	-1,052.5	-5,523.4	205.8	-122.3	328.11	0.627	Level 1	
14,900.0	7,370.5	14,774.3	7,247.9	201.5	201.8	-53.38	-1,053.6	-5,623.4	205.6	-127.4	333.00	0.617	Level 1	
15,000.0	7,370.6	14,874.3	7,248.5	204.3	204.6	-53.49	-1,054.7	-5,723.3	205.3	-132.6	337.90	0.607	Level 1	
15,100.0	7,370.7	14,974.3	7,249.0	207.1	207.3	-53.60	-1,055.8	-5,823.3	205.0	-137.8	342.82	0.598	Level 1	
15,200.0	7,370.8	15,074.3	7,249.6	209.8	210.1	-53.71	-1,056.9	-5,923.3	204.7	-143.1	347.76	0.589	Level 1	
15,300.0	7,370.9	15,174.3	7,250.2	212.6	212.9	-53.82	-1,058.0	-6,023.3	204.4	-148.3	352.70	0.580	Level 1	
15,400.0	7,371.0	15,274.3	7,250.8	215.3	215.6	-53.93	-1,059.1	-6,123.3	204.1	-153.5	357.66	0.571	Level 1	
15,500.0	7,371.1	15,374.3	7,251.3	218.1	218.4	-54.03	-1,060.2	-6,223.3	203.8	-158.8	362.64	0.562	Level 1	
15,600.0	7,371.2	15,474.3	7,251.9	220.9	221.2	-54.14	-1,061.3	-6,323.3	203.6	-164.1	367.62	0.554	Level 1	
15,700.0	7,371.3	15,574.3	7,252.5	223.6	223.9	-54.25	-1,062.4	-6,423.3	203.3	-169.3	372.63	0.546	Level 1	
15,800.0	7,371.4	15,674.3	7,253.1	226.4	226.7	-54.36	-1,063.5	-6,523.3	203.0	-174.6	377.64	0.538	Level 1	
15,900.0	7,371.4	15,774.3	7,253.7	229.2	229.5	-54.47	-1,064.6	-6,623.3	202.7	-179.9	382.67	0.530	Level 1	
16,000.0	7,371.5	15,874.3	7,254.2	231.9	232.2	-54.58	-1,065.7	-6,723.3	202.4	-185.3	387.71	0.522	Level 1	
16,100.0	7,371.6	15,974.3	7,254.8	234.7	235.0	-54.70	-1,066.8	-6,823.3	202.2	-190.6	392.76	0.515	Level 1	
16,200.0	7,371.7	16,074.3	7,255.4	237.5	237.8	-54.81	-1,067.9	-6,923.2	201.9	-195.9	397.83	0.507	Level 1	
16,300.0	7,371.8	16,174.3	7,256.0	240.3	240.5	-54.92	-1,069.0	-7,023.2	201.6	-201.3	402.91	0.500	Level 1	
16,400.0	7,371.9	16,274.3	7,256.5	243.0	243.3	-55.03	-1,070.1	-7,123.2	201.3	-206.7	408.00	0.493	Level 1	
16,500.0	7,372.0	16,374.3	7,257.1	245.8	246.1	-55.14	-1,071.2	-7,223.2	201.0	-212.1	413.10	0.487	Level 1	
16,600.0	7,372.1	16,474.3	7,257.7	248.6	248.9	-55.26	-1,072.3	-7,323.2	200.8	-217.4	418.22	0.480	Level 1	
16,700.0	7,372.2	16,574.3	7,258.3	251.4	251.6	-55.37	-1,073.3	-7,423.2	200.5	-222.9	423.35	0.474	Level 1	
16,800.0	7,372.3	16,674.3	7,258.9	254.1	254.4	-55.48	-1,074.4	-7,523.2	200.2	-228.3	428.50	0.467	Level 1	
16,900.0	7,372.4	16,774.3	7,259.4	256.9	257.2	-55.59	-1,075.5	-7,623.2	200.0	-233.7	433.65	0.461	Level 1	
17,000.0	7,372.5	16,874.3	7,260.0	259.7	260.0	-55.71	-1,076.6	-7,723.2	199.7	-239.1	438.82	0.455	Level 1	
17,100.0	7,372.6	16,974.3	7,260.6	262.5	262.7	-55.82	-1,077.7	-7,823.2	199.4	-244.6	444.00	0.449	Level 1	
17,200.0	7,372.7	17,074.3	7,261.2	265.2	265.5	-55.94	-1,078.8	-7,923.2	199.1	-250.1	449.20	0.443	Level 1	
17,300.0	7,372.8	17,174.3	7,261.7	268.0	268.3	-56.05	-1,079.9	-8,023.1	198.9	-255.5	454.40	0.438	Level 1	
17,400.0	7,372.9	17,274.3	7,262.3	270.8	271.1	-56.17	-1,081.0	-8,123.1	198.6	-261.0	459.62	0.432	Level 1	
17,500.0	7,373.0	17,374.3	7,262.9	273.6	273.9	-56.28	-1,082.1	-8,223.1	198.3	-266.5	464.85	0.427	Level 1	
17,600.0	7,373.1	17,474.3	7,263.5	276.4	276.7	-56.40	-1,083.2	-8,323.1	198.1	-272.0	470.10	0.421	Level 1	
17,700.0	7,373.2	17,574.3	7,264.0	279.2	279.4	-56.51	-1,084.3	-8,423.1	197.8	-277.6	475.35	0.416	Level 1	
17,800.0	7,373.3	17,674.3	7,264.6	281.9	282.2	-56.63	-1,085.4	-8,523.1	197.5	-283.1	480.62	0.411	Level 1	
17,900.0	7,373.4	17,774.3	7,265.2	284.7	285.0	-56.75	-1,086.5	-8,623.1	197.3	-288.6	485.90	0.406	Level 1	
18,000.0	7,373.5	17,874.3	7,265.8	287.5	287.8	-56.86	-1,087.6	-8,723.1	197.0	-294.2	491.19	0.401	Level 1	
18,100.0	7,373.6	17,974.3	7,266.4	290.3	290.6	-56.98	-1,088.7	-8,823.1	196.7	-299.8	496.50	0.396	Level 1	
18,200.0	7,373.7	18,074.3	7,266.9	293.1	293.4	-57.10	-1,089.8	-8,923.1	196.5	-305.3	501.82	0.392	Level 1	
18,300.0	7,373.8	18,174.3	7,267.5	295.9	296.1	-57.22	-1,090.9	-9,023.1	196.2	-310.9	507.14	0.387	Level 1	
18,400.0	7,373.9	18,274.3	7,268.1	298.6	298.9	-57.33	-1,092.0	-9,123.0	196.0	-316.5	512.49	0.382	Level 1	
18,500.0	7,374.0	18,374.3	7,268.7	301.4	301.7	-57.45	-1,093.1	-9,223.0	195.7	-322.1	517.84	0.378	Level 1	
18,550.8	7,374.0	18,425.1	7,269.0	302.8	303.1	-57.51	-1,093.7	-9,273.9	195.6	-325.0	520.56	0.376	Level 1, ES, SF	

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (10-27-17)	Offset TVD Reference:	Offset Datum

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 917-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-98.44	-79.4	-535.0	540.9					
100.0	100.0	94.5	94.5	0.1	0.1	-98.44	-79.4	-535.0	540.8	540.6	0.22	2,468.594		
200.0	200.0	195.1	195.1	0.3	0.2	-98.43	-79.2	-534.9	540.7	540.1	0.56	970.438		
300.0	300.0	295.7	295.7	0.6	0.3	-98.41	-79.0	-534.6	540.4	539.5	0.90	603.676		
400.0	400.0	396.3	396.3	0.8	0.4	-98.38	-78.7	-534.3	540.1	538.8	1.23	437.900		
500.0	500.0	496.8	496.8	1.0	0.6	-98.34	-78.2	-533.9	539.6	538.0	1.57	343.388		
600.0	600.0	597.4	597.4	1.2	0.7	-98.29	-77.7	-533.4	539.0	537.1	1.91	282.287		
630.0	630.0	627.6	627.6	1.3	0.7	147.88	-77.5	-533.2	538.9	536.9	2.00	268.978		
700.0	700.0	698.0	698.0	1.4	0.8	147.99	-77.1	-532.8	539.4	537.2	2.23	242.146		
800.0	799.9	798.5	798.5	1.6	0.9	148.25	-76.4	-532.1	542.0	539.4	2.54	213.436		
900.0	899.7	898.9	898.8	1.9	1.0	148.65	-75.6	-531.3	546.7	543.8	2.86	190.907		
1,000.0	999.3	998.2	998.1	2.1	1.2	149.14	-75.0	-530.4	553.6	550.3	3.27	169.459		
1,100.0	1,098.6	1,092.3	1,092.3	2.3	1.4	149.64	-75.0	-530.0	563.3	559.6	3.67	153.324		
1,200.0	1,197.5	1,190.7	1,190.7	2.6	1.6	150.23	-75.3	-530.1	575.9	571.7	4.11	140.065		
1,300.0	1,296.1	1,288.7	1,288.6	3.0	1.8	150.90	-75.6	-530.3	590.8	586.3	4.56	129.453		
1,400.0	1,394.2	1,387.5	1,387.4	3.3	2.0	151.64	-76.0	-530.4	608.2	603.2	5.03	121.004		
1,500.0	1,491.7	1,485.1	1,485.1	3.7	2.2	152.40	-76.5	-530.5	627.9	622.4	5.50	114.066		
1,600.0	1,588.6	1,582.5	1,582.4	4.2	2.4	153.15	-77.6	-530.5	650.0	644.0	5.99	108.462		
1,700.0	1,684.9	1,678.6	1,678.5	4.7	2.6	153.77	-80.5	-530.5	674.6	668.1	6.49	103.964		
1,800.0	1,780.4	1,781.3	1,781.0	5.3	2.8	154.24	-86.4	-530.0	701.1	694.1	7.02	99.907		
1,900.0	1,875.0	1,886.8	1,886.0	5.9	3.0	154.46	-96.1	-528.1	728.7	721.1	7.58	96.099		
2,000.0	1,968.9	1,983.5	1,982.0	6.6	3.3	154.45	-108.3	-525.4	757.7	749.6	8.17	92.766		
2,100.0	2,061.7	2,080.6	2,078.2	7.3	3.5	154.42	-121.5	-523.1	789.3	780.5	8.78	89.873		
9,000.0	7,364.8	7,391.4	7,359.5	51.1	16.5	90.01	-513.7	-428.8	769.3	704.1	65.17	11.804		
9,100.0	7,364.9	7,392.1	7,360.2	52.8	16.5	90.13	-513.7	-428.8	679.4	612.4	67.01	10.140		
9,200.0	7,365.0	7,392.8	7,360.9	54.6	16.5	90.26	-513.7	-428.8	592.9	524.0	68.93	8.601		
9,300.0	7,365.1	7,393.5	7,361.6	56.5	16.5	90.38	-513.8	-428.8	511.3	440.4	70.93	7.209		
9,400.0	7,365.2	7,394.2	7,362.3	58.5	16.5	90.51	-513.8	-428.9	437.4	364.4	72.99	5.992		
9,500.0	7,365.3	7,394.9	7,363.0	60.6	16.5	90.63	-513.8	-428.9	375.7	300.6	75.12	5.002		
9,600.0	7,365.4	7,395.6	7,363.7	62.7	16.5	90.76	-513.8	-428.9	333.3	256.0	77.30	4.312		
9,700.0	7,365.5	7,396.3	7,364.4	64.9	16.5	90.89	-513.8	-428.9	317.7	238.2	79.52	3.995		
9,700.6	7,365.5	7,396.3	7,364.4	64.9	16.5	90.89	-513.8	-428.9	317.7	238.2	79.54	3.995 CC, ES, SF		
9,800.0	7,365.6	7,397.0	7,365.1	67.1	16.5	91.01	-513.8	-428.9	332.9	251.1	81.79	4.070		
9,900.0	7,365.7	7,397.7	7,365.8	69.4	16.5	91.14	-513.8	-428.9	375.1	291.0	84.10	4.460		
10,000.0	7,365.8	7,398.4	7,366.5	71.7	16.5	91.27	-513.8	-428.9	436.6	350.1	86.45	5.050		
10,100.0	7,365.9	7,399.1	7,367.2	74.0	16.5	91.39	-513.8	-428.9	510.4	421.5	88.83	5.745		
10,200.0	7,366.0	7,399.8	7,367.9	76.4	16.5	91.52	-513.8	-428.9	591.9	500.7	91.23	6.488		
10,300.0	7,366.1	7,400.5	7,368.6	78.8	16.5	91.65	-513.9	-428.9	678.4	584.7	93.67	7.243		
10,400.0	7,366.2	7,401.2	7,369.3	81.3	16.5	91.78	-513.9	-428.9	768.2	672.0	96.12	7.991		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													G & D HANKS PAD Sec.27-T7N-R66W - G&D HANKS 20-27 - Wellbore #1 - Wellbore #1		Offset Site Error:		0.0 ft
Survey Program: 886-MWD													Offset Well Error:		0.0 ft		
Reference		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	-101.60	-102.0	-497.0	507.3								
100.0	100.0	94.2	94.2	0.1	0.1	-101.60	-102.0	-496.9	507.3	507.1	0.22	2,322.130					
200.0	200.0	194.5	194.5	0.3	0.2	-101.61	-102.1	-496.8	507.2	506.7	0.56	912.499					
300.0	300.0	294.7	294.7	0.6	0.3	-101.63	-102.2	-496.7	507.1	506.2	0.89	567.699					
400.0	400.0	395.0	395.0	0.8	0.4	-101.65	-102.4	-496.5	506.9	505.7	1.23	411.922					
500.0	500.0	495.2	495.2	1.0	0.6	-101.69	-102.6	-496.2	506.7	505.2	1.57	323.151					
600.0	600.0	595.5	595.5	1.2	0.7	-101.72	-102.9	-495.9	506.5	504.6	1.91	265.792					
613.8	613.8	609.3	609.3	1.3	0.7	144.42	-102.9	-495.8	506.4	504.5	1.95	259.511	CC, ES				
700.0	700.0	695.7	695.7	1.4	0.8	144.46	-103.2	-495.5	507.2	505.0	2.23	227.728					
800.0	799.9	795.9	795.9	1.6	0.9	144.64	-103.6	-495.1	510.0	507.5	2.54	200.883					
900.0	899.7	896.0	895.9	1.9	1.0	144.96	-104.1	-494.5	515.0	512.1	2.87	179.154					
1,000.0	999.3	995.8	995.8	2.1	1.2	145.41	-104.6	-494.0	522.0	518.7	3.32	157.366					
1,100.0	1,098.6	1,098.8	1,098.8	2.3	1.5	145.98	-105.4	-493.2	531.2	527.4	3.78	140.648					
1,200.0	1,197.5	1,215.2	1,215.2	2.6	1.7	146.78	-106.0	-490.0	540.5	536.3	4.27	126.715					
1,300.0	1,296.1	1,340.4	1,340.0	3.0	2.0	147.87	-105.2	-481.7	548.3	543.5	4.78	114.750					
1,400.0	1,394.2	1,456.1	1,455.0	3.3	2.3	149.24	-101.8	-469.8	554.4	549.1	5.28	105.010					
1,500.0	1,491.7	1,578.0	1,575.6	3.7	2.6	151.00	-96.0	-453.1	559.5	553.7	5.81	96.253					
1,600.0	1,588.6	1,695.5	1,691.1	4.2	3.0	152.96	-88.5	-432.8	563.5	557.2	6.36	88.653					
1,700.0	1,684.9	1,804.2	1,797.4	4.7	3.4	155.01	-80.1	-411.3	567.9	561.0	6.90	82.328					
1,800.0	1,780.4	1,900.7	1,891.5	5.3	3.7	156.89	-72.6	-391.4	574.5	567.1	7.41	77.477					
1,900.0	1,875.0	2,003.9	1,992.1	5.9	4.1	158.94	-64.6	-370.0	584.0	576.0	7.95	73.410					
2,000.0	1,968.9	2,098.0	2,083.9	6.6	4.5	160.78	-57.7	-350.2	596.4	587.9	8.49	70.267					
2,100.0	2,061.7	2,194.4	2,178.0	7.3	4.9	162.62	-51.0	-330.2	612.1	603.1	9.03	67.806					
2,200.0	2,153.6	2,284.9	2,266.3	8.1	5.3	164.39	-43.8	-311.6	631.5	621.9	9.56	66.033					
2,247.3	2,196.7	2,329.8	2,310.1	8.5	5.5	165.28	-39.8	-302.6	641.9	632.1	9.82	65.368					
2,300.0	2,244.6	2,379.7	2,358.7	8.9	5.7	166.30	-35.4	-292.6	654.1	643.9	10.13	64.540					
2,400.0	2,335.4	2,474.3	2,451.0	9.8	6.1	168.10	-27.4	-273.6	677.7	666.9	10.73	63.129					
2,500.0	2,426.3	2,565.8	2,540.5	10.7	6.4	169.70	-20.0	-255.6	702.2	690.8	11.33	61.967					
2,600.0	2,517.1	2,663.8	2,636.2	11.5	6.8	171.29	-12.1	-236.3	727.2	715.2	11.96	60.806					
2,700.0	2,608.0	2,758.0	2,728.2	12.4	7.2	172.73	-4.4	-217.6	752.6	740.0	12.59	59.773					
2,800.0	2,698.8	2,852.3	2,820.3	13.3	7.6	174.08	3.2	-198.9	778.5	765.2	13.23	58.853	SF				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks W-27-28HC
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 W-27-28HC	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (10-27-17)	Offset TVD Reference:	Offset Datum

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

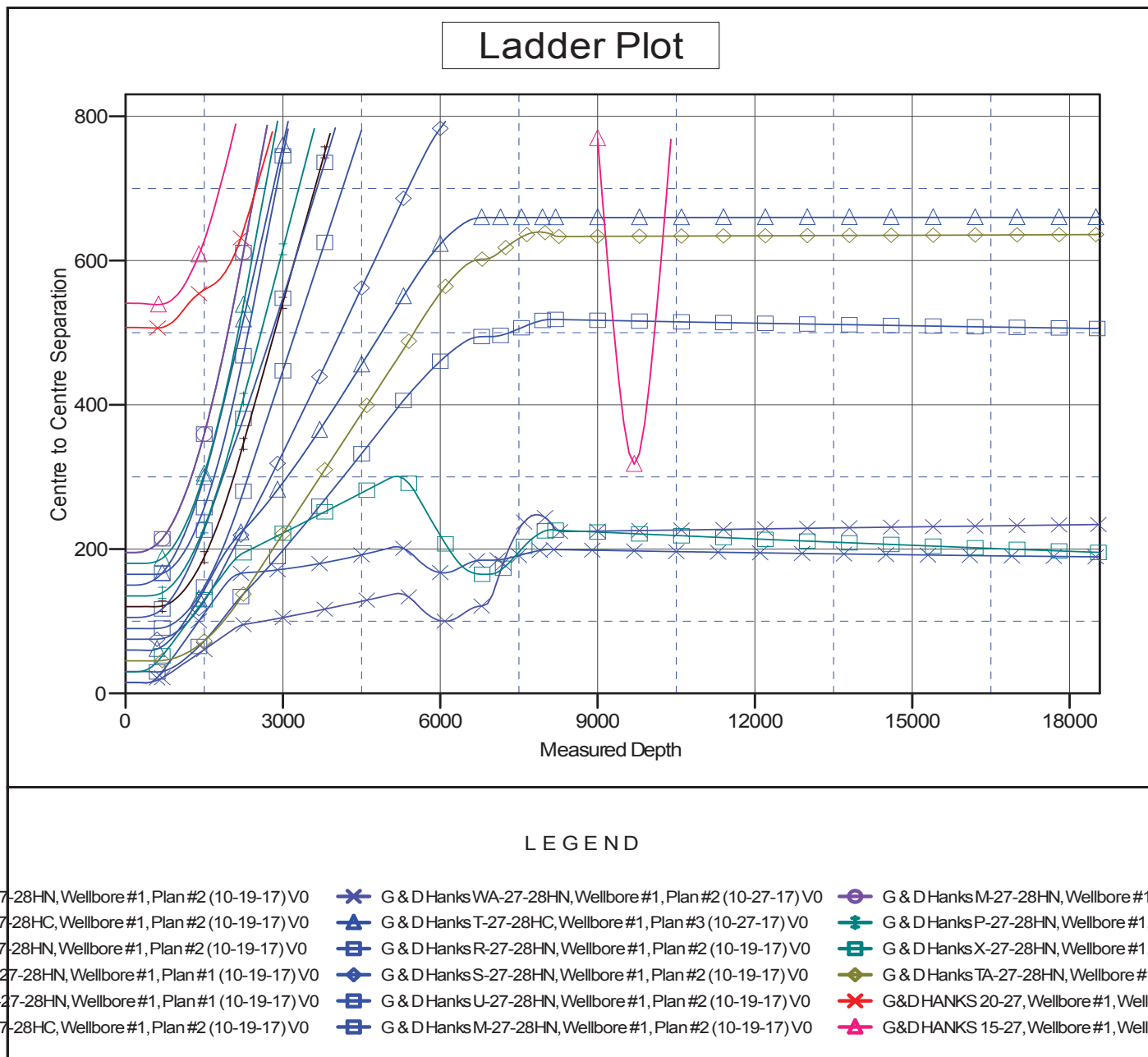
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

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

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 W-27-28HC
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.48°

