

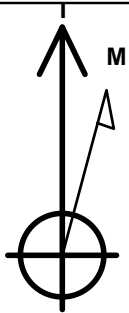
Bayswater Exploration & Production, LLC

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

Surface Location: G & D Hanks 27-N Pad Sec.27-T7N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4874.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1441092.32 3205704.36 40.541842 -104.759855
Original Well Elev WELL @ 4899.0ft (Original Well Elev)

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1138'FSL, 1575'FEL, SEC.27	1.0	0.0	0.0	Point
BHL 275'FSL, 5'FWL, SEC.28	7149.0	-978.7	-9275.1	Point
LPL 275'FSL, 573'FEL, SEC.27	7149.0	-864.6	1006.8	Point



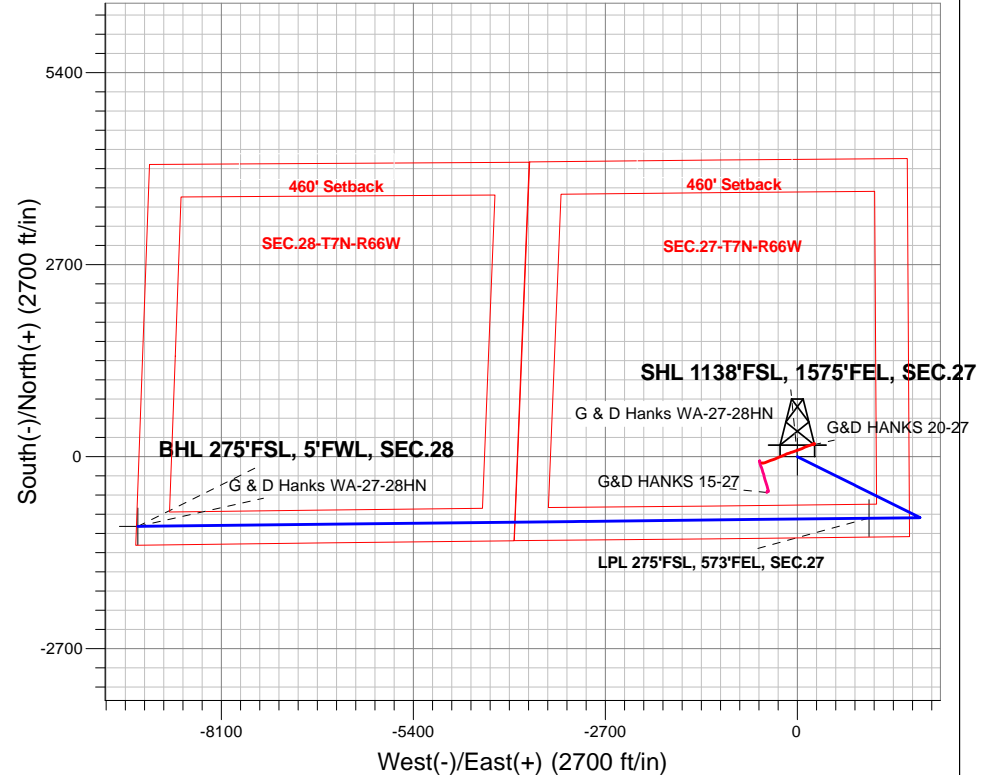
Azimuths to True North
Magnetic North: 8.01°

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 WA-27-28HN
Plan #2 (10-27-17)
8:16, October 30 2017

ANNOTATIONS

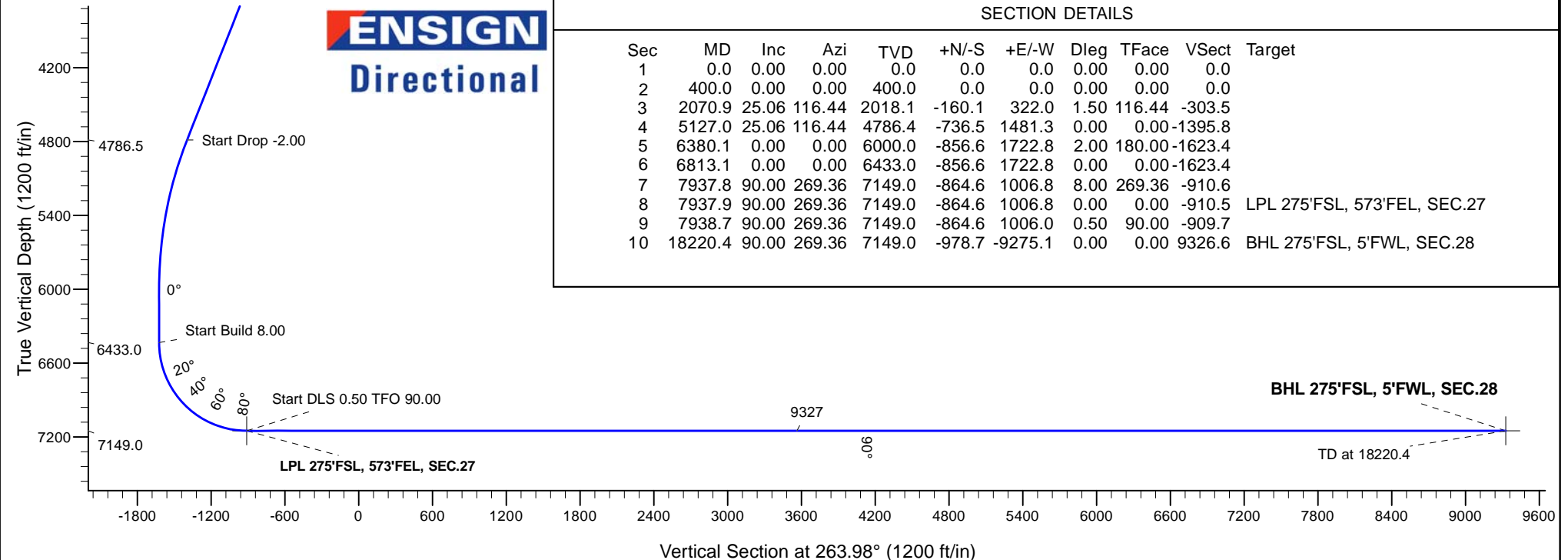
TVD	MD	Annotation
400.0	400.0	KOP - Start Build 1.50
4786.4	5127.0	Start Drop -2.00
6433.0	6813.1	Start Build 8.00
7149.0	7937.9	Start DLS 0.50 TFO 90.00
7149.0	7938.7	Start 10281.7 hold at 7938.7 MD
7149.0	18220.4	TD at 18220.4



ENSIGN
Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	2070.9	25.06	116.44	2018.1	-160.1	322.0	1.50	116.44	-303.5	
4	5127.0	25.06	116.44	4786.4	-736.5	1481.3	0.00	0.00	-1395.8	
5	6380.1	0.00	0.00	6000.0	-856.6	1722.8	2.00	180.00	-1623.4	
6	6813.1	0.00	0.00	6433.0	-856.6	1722.8	0.00	0.00	-1623.4	
7	7937.8	90.00	269.36	7149.0	-864.6	1006.8	8.00	269.36	-910.6	
8	7937.9	90.00	269.36	7149.0	-864.6	1006.8	0.00	0.00	-910.5	LPL 275'FSL, 573'FEL, SEC.27
9	7938.7	90.00	269.36	7149.0	-864.6	1006.0	0.50	90.00	-909.7	
10	18220.4	90.00	269.36	7149.0	-978.7	-9275.1	0.00	0.00	9326.6	BHL 275'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 WA-27-28HN

Wellbore #1

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

Standard Planning Report

30 October, 2017



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

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

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

Well	G & D Hanks WA-27-28HN					
Well Position	+N/-S	-150.1 ft	Northing:	1,441,092.32 usft	Latitude:	40.541842
	+E/-W	-0.6 ft	Easting:	3,205,704.36 usft	Longitude:	-104.759855
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 #2 (10-27-17)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	263.98

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,070.9	25.06	116.44	2,018.1	-160.1	322.0	1.50	1.50	0.00	116.44	
5,127.0	25.06	116.44	4,786.4	-736.5	1,481.3	0.00	0.00	0.00	0.00	
6,380.1	0.00	0.00	6,000.0	-856.6	1,722.8	2.00	-2.00	0.00	180.00	
6,813.1	0.00	0.00	6,433.0	-856.6	1,722.8	0.00	0.00	0.00	0.00	
7,937.8	90.00	269.36	7,149.0	-864.6	1,006.8	8.00	8.00	0.00	269.36	
7,937.9	90.00	269.36	7,149.0	-864.6	1,006.8	0.00	0.00	0.00	0.00	LPL 275'FSL, 573'FEI
7,938.7	90.00	269.36	7,149.0	-864.6	1,006.0	0.50	0.00	0.50	90.00	
18,220.4	90.00	269.36	7,149.0	-978.7	-9,275.1	0.00	0.00	0.00	0.00	BHL 275'FSL, 5'FWL,

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 1138'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
KOP - Start Build 1.50									
500.0	1.50	116.44	500.0	-0.6	1.2	-1.1	1.50	1.50	0.00
600.0	3.00	116.44	599.9	-2.3	4.7	-4.4	1.50	1.50	0.00
700.0	4.50	116.44	699.7	-5.2	10.5	-9.9	1.50	1.50	0.00
800.0	6.00	116.44	799.3	-9.3	18.7	-17.7	1.50	1.50	0.00
900.0	7.50	116.44	898.6	-14.5	29.3	-27.6	1.50	1.50	0.00
1,000.0	9.00	116.44	997.5	-20.9	42.1	-39.7	1.50	1.50	0.00
1,100.0	10.50	116.44	1,096.1	-28.5	57.3	-54.0	1.50	1.50	0.00
1,200.0	12.00	116.44	1,194.2	-37.2	74.7	-70.4	1.50	1.50	0.00
1,300.0	13.50	116.44	1,291.7	-47.0	94.5	-89.0	1.50	1.50	0.00
1,400.0	15.00	116.44	1,388.6	-57.9	116.5	-109.8	1.50	1.50	0.00
1,500.0	16.50	116.44	1,484.9	-70.0	140.8	-132.7	1.50	1.50	0.00
1,600.0	18.00	116.44	1,580.4	-83.2	167.4	-157.7	1.50	1.50	0.00
1,700.0	19.50	116.44	1,675.0	-97.5	196.2	-184.9	1.50	1.50	0.00
1,800.0	21.00	116.44	1,768.9	-113.0	227.2	-214.1	1.50	1.50	0.00
1,900.0	22.50	116.44	1,861.7	-129.5	260.4	-245.3	1.50	1.50	0.00
2,000.0	24.00	116.44	1,953.6	-147.0	295.7	-278.6	1.50	1.50	0.00
2,070.9	25.06	116.44	2,018.1	-160.1	322.0	-303.5	1.50	1.50	0.00
2,100.0	25.06	116.44	2,044.5	-165.6	333.1	-313.9	0.00	0.00	0.00
2,200.0	25.06	116.44	2,135.1	-184.5	371.0	-349.6	0.00	0.00	0.00
2,300.0	25.06	116.44	2,225.6	-203.3	409.0	-385.4	0.00	0.00	0.00
2,400.0	25.06	116.44	2,316.2	-222.2	446.9	-421.1	0.00	0.00	0.00
2,500.0	25.06	116.44	2,406.8	-241.1	484.8	-456.8	0.00	0.00	0.00
2,600.0	25.06	116.44	2,497.4	-259.9	522.8	-492.6	0.00	0.00	0.00
2,700.0	25.06	116.44	2,588.0	-278.8	560.7	-528.3	0.00	0.00	0.00
2,800.0	25.06	116.44	2,678.6	-297.6	598.6	-564.1	0.00	0.00	0.00
2,900.0	25.06	116.44	2,769.2	-316.5	636.5	-599.8	0.00	0.00	0.00
3,000.0	25.06	116.44	2,859.7	-335.4	674.5	-635.6	0.00	0.00	0.00
3,100.0	25.06	116.44	2,950.3	-354.2	712.4	-671.3	0.00	0.00	0.00
3,200.0	25.06	116.44	3,040.9	-373.1	750.3	-707.0	0.00	0.00	0.00
3,300.0	25.06	116.44	3,131.5	-391.9	788.3	-742.8	0.00	0.00	0.00
3,400.0	25.06	116.44	3,222.1	-410.8	826.2	-778.5	0.00	0.00	0.00
3,500.0	25.06	116.44	3,312.7	-429.7	864.1	-814.3	0.00	0.00	0.00
3,600.0	25.06	116.44	3,403.2	-448.5	902.1	-850.0	0.00	0.00	0.00
3,700.0	25.06	116.44	3,493.8	-467.4	940.0	-885.8	0.00	0.00	0.00
3,800.0	25.06	116.44	3,584.4	-486.2	977.9	-921.5	0.00	0.00	0.00
3,900.0	25.06	116.44	3,675.0	-505.1	1,015.9	-957.2	0.00	0.00	0.00
4,000.0	25.06	116.44	3,765.6	-524.0	1,053.8	-993.0	0.00	0.00	0.00
4,100.0	25.06	116.44	3,856.2	-542.8	1,091.7	-1,028.7	0.00	0.00	0.00
4,200.0	25.06	116.44	3,946.7	-561.7	1,129.7	-1,064.5	0.00	0.00	0.00
4,300.0	25.06	116.44	4,037.3	-580.5	1,167.6	-1,100.2	0.00	0.00	0.00
4,400.0	25.06	116.44	4,127.9	-599.4	1,205.5	-1,136.0	0.00	0.00	0.00
4,500.0	25.06	116.44	4,218.5	-618.3	1,243.4	-1,171.7	0.00	0.00	0.00
4,600.0	25.06	116.44	4,309.1	-637.1	1,281.4	-1,207.4	0.00	0.00	0.00
4,700.0	25.06	116.44	4,399.7	-656.0	1,319.3	-1,243.2	0.00	0.00	0.00
4,800.0	25.06	116.44	4,490.3	-674.8	1,357.2	-1,278.9	0.00	0.00	0.00
4,900.0	25.06	116.44	4,580.8	-693.7	1,395.2	-1,314.7	0.00	0.00	0.00

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Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,000.0	25.06	116.44	4,671.4	-712.6	1,433.1	-1,350.4	0.00	0.00	0.00
5,100.0	25.06	116.44	4,762.0	-731.4	1,471.0	-1,386.2	0.00	0.00	0.00
5,127.0	25.06	116.44	4,786.5	-736.5	1,481.3	-1,395.8	0.00	0.00	0.00
Start Drop -2.00									
5,200.0	23.60	116.44	4,853.0	-749.9	1,508.2	-1,421.2	2.00	-2.00	0.00
5,300.0	21.60	116.44	4,945.3	-767.0	1,542.6	-1,453.6	2.00	-2.00	0.00
5,400.0	19.60	116.44	5,038.9	-782.7	1,574.1	-1,483.3	2.00	-2.00	0.00
5,500.0	17.60	116.44	5,133.7	-796.9	1,602.7	-1,510.2	2.00	-2.00	0.00
5,600.0	15.60	116.44	5,229.5	-809.6	1,628.3	-1,534.3	2.00	-2.00	0.00
5,700.0	13.60	116.44	5,326.3	-820.8	1,650.8	-1,555.6	2.00	-2.00	0.00
5,800.0	11.60	116.44	5,423.8	-830.5	1,670.4	-1,574.0	2.00	-2.00	0.00
5,900.0	9.60	116.44	5,522.1	-838.7	1,686.9	-1,589.5	2.00	-2.00	0.00
6,000.0	7.60	116.44	5,621.0	-845.4	1,700.3	-1,602.2	2.00	-2.00	0.00
6,100.0	5.60	116.44	5,720.3	-850.5	1,710.5	-1,611.9	2.00	-2.00	0.00
6,200.0	3.60	116.44	5,820.0	-854.1	1,717.7	-1,618.6	2.00	-2.00	0.00
6,300.0	1.60	116.44	5,919.9	-856.1	1,721.8	-1,622.5	2.00	-2.00	0.00
6,380.1	0.00	0.00	6,000.0	-856.6	1,722.8	-1,623.4	2.00	-2.00	0.00
6,400.0	0.00	0.00	6,019.9	-856.6	1,722.8	-1,623.4	0.00	0.00	0.00
6,500.0	0.00	0.00	6,119.9	-856.6	1,722.8	-1,623.4	0.00	0.00	0.00
6,600.0	0.00	0.00	6,219.9	-856.6	1,722.8	-1,623.4	0.00	0.00	0.00
6,700.0	0.00	0.00	6,319.9	-856.6	1,722.8	-1,623.4	0.00	0.00	0.00
6,800.0	0.00	0.00	6,419.9	-856.6	1,722.8	-1,623.4	0.00	0.00	0.00
6,813.1	0.00	0.00	6,433.0	-856.6	1,722.8	-1,623.4	0.00	0.00	0.00
Start Build 8.00									
6,900.0	6.95	269.36	6,519.7	-856.7	1,717.5	-1,618.2	8.00	8.00	0.00
7,000.0	14.95	269.36	6,617.8	-856.9	1,698.6	-1,599.3	8.00	8.00	0.00
7,100.0	22.96	269.36	6,712.3	-857.2	1,666.1	-1,566.9	8.00	8.00	0.00
7,200.0	30.96	269.36	6,801.3	-857.7	1,620.8	-1,521.8	8.00	8.00	0.00
7,300.0	38.96	269.36	6,883.2	-858.4	1,563.6	-1,464.8	8.00	8.00	0.00
7,400.0	46.96	269.36	6,956.3	-859.1	1,495.5	-1,397.0	8.00	8.00	0.00
7,500.0	54.97	269.36	7,019.3	-860.0	1,417.9	-1,319.8	8.00	8.00	0.00
7,600.0	62.97	269.36	7,070.8	-861.0	1,332.2	-1,234.5	8.00	8.00	0.00
7,700.0	70.97	269.36	7,109.9	-862.0	1,240.3	-1,143.0	8.00	8.00	0.00
7,800.0	78.97	269.36	7,135.8	-863.1	1,143.8	-1,046.9	8.00	8.00	0.00
7,900.0	86.97	269.36	7,148.0	-864.2	1,044.6	-948.2	8.00	8.00	0.00
7,937.9	90.00	269.36	7,149.0	-864.6	1,006.8	-910.5	7.98	7.98	0.00
Start DLS 0.50 TFO 90.00 - LPL 275°FSL, 573°FEL, SEC.27									
7,938.7	90.00	269.36	7,149.0	-864.6	1,006.0	-909.7	0.65	0.45	0.48
Start 10281.7 hold at 7938.7 MD									
8,000.0	90.00	269.36	7,149.0	-865.3	944.7	-848.6	0.00	0.00	0.00
8,100.0	90.00	269.36	7,149.0	-866.4	844.7	-749.1	0.00	0.00	0.00
8,200.0	90.00	269.36	7,149.0	-867.5	744.7	-649.5	0.00	0.00	0.00
8,300.0	90.00	269.36	7,149.0	-868.6	644.7	-550.0	0.00	0.00	0.00
8,400.0	90.00	269.36	7,149.0	-869.7	544.7	-450.4	0.00	0.00	0.00
8,500.0	90.00	269.36	7,149.0	-870.8	444.7	-350.9	0.00	0.00	0.00
8,600.0	90.00	269.36	7,149.0	-871.9	344.7	-251.3	0.00	0.00	0.00
8,700.0	90.00	269.36	7,149.0	-873.1	244.7	-151.7	0.00	0.00	0.00
8,800.0	90.00	269.36	7,149.0	-874.2	144.7	-52.2	0.00	0.00	0.00
8,900.0	90.00	269.36	7,149.0	-875.3	44.7	47.4	0.00	0.00	0.00
9,000.0	90.00	269.36	7,149.0	-876.4	-55.3	146.9	0.00	0.00	0.00
9,100.0	90.00	269.36	7,149.0	-877.5	-155.3	246.5	0.00	0.00	0.00
9,200.0	90.00	269.36	7,149.0	-878.6	-255.3	346.1	0.00	0.00	0.00
9,300.0	90.00	269.36	7,149.0	-879.7	-355.3	445.6	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,400.0	90.00	269.36	7,149.0	-880.8	-455.3	545.2	0.00	0.00	0.00
9,500.0	90.00	269.36	7,149.0	-881.9	-555.3	644.7	0.00	0.00	0.00
9,600.0	90.00	269.36	7,149.0	-883.0	-655.2	744.3	0.00	0.00	0.00
9,700.0	90.00	269.36	7,149.0	-884.1	-755.2	843.8	0.00	0.00	0.00
9,800.0	90.00	269.36	7,149.0	-885.3	-855.2	943.4	0.00	0.00	0.00
9,900.0	90.00	269.36	7,149.0	-886.4	-955.2	1,043.0	0.00	0.00	0.00
10,000.0	90.00	269.36	7,149.0	-887.5	-1,055.2	1,142.5	0.00	0.00	0.00
10,100.0	90.00	269.36	7,149.0	-888.6	-1,155.2	1,242.1	0.00	0.00	0.00
10,200.0	90.00	269.36	7,149.0	-889.7	-1,255.2	1,341.6	0.00	0.00	0.00
10,300.0	90.00	269.36	7,149.0	-890.8	-1,355.2	1,441.2	0.00	0.00	0.00
10,400.0	90.00	269.36	7,149.0	-891.9	-1,455.2	1,540.8	0.00	0.00	0.00
10,500.0	90.00	269.36	7,149.0	-893.0	-1,555.2	1,640.3	0.00	0.00	0.00
10,600.0	90.00	269.36	7,149.0	-894.1	-1,655.2	1,739.9	0.00	0.00	0.00
10,700.0	90.00	269.36	7,149.0	-895.2	-1,755.2	1,839.4	0.00	0.00	0.00
10,800.0	90.00	269.36	7,149.0	-896.4	-1,855.2	1,939.0	0.00	0.00	0.00
10,900.0	90.00	269.36	7,149.0	-897.5	-1,955.2	2,038.5	0.00	0.00	0.00
11,000.0	90.00	269.36	7,149.0	-898.6	-2,055.2	2,138.1	0.00	0.00	0.00
11,100.0	90.00	269.36	7,149.0	-899.7	-2,155.2	2,237.7	0.00	0.00	0.00
11,200.0	90.00	269.36	7,149.0	-900.8	-2,255.1	2,337.2	0.00	0.00	0.00
11,300.0	90.00	269.36	7,149.0	-901.9	-2,355.1	2,436.8	0.00	0.00	0.00
11,400.0	90.00	269.36	7,149.0	-903.0	-2,455.1	2,536.3	0.00	0.00	0.00
11,500.0	90.00	269.36	7,149.0	-904.1	-2,555.1	2,635.9	0.00	0.00	0.00
11,600.0	90.00	269.36	7,149.0	-905.2	-2,655.1	2,735.5	0.00	0.00	0.00
11,700.0	90.00	269.36	7,149.0	-906.3	-2,755.1	2,835.0	0.00	0.00	0.00
11,800.0	90.00	269.36	7,149.0	-907.5	-2,855.1	2,934.6	0.00	0.00	0.00
11,900.0	90.00	269.36	7,149.0	-908.6	-2,955.1	3,034.1	0.00	0.00	0.00
12,000.0	90.00	269.36	7,149.0	-909.7	-3,055.1	3,133.7	0.00	0.00	0.00
12,100.0	90.00	269.36	7,149.0	-910.8	-3,155.1	3,233.2	0.00	0.00	0.00
12,200.0	90.00	269.36	7,149.0	-911.9	-3,255.1	3,332.8	0.00	0.00	0.00
12,300.0	90.00	269.36	7,149.0	-913.0	-3,355.1	3,432.4	0.00	0.00	0.00
12,400.0	90.00	269.36	7,149.0	-914.1	-3,455.1	3,531.9	0.00	0.00	0.00
12,500.0	90.00	269.36	7,149.0	-915.2	-3,555.1	3,631.5	0.00	0.00	0.00
12,600.0	90.00	269.36	7,149.0	-916.3	-3,655.1	3,731.0	0.00	0.00	0.00
12,700.0	90.00	269.36	7,149.0	-917.4	-3,755.1	3,830.6	0.00	0.00	0.00
12,800.0	90.00	269.36	7,149.0	-918.5	-3,855.0	3,930.2	0.00	0.00	0.00
12,900.0	90.00	269.36	7,149.0	-919.7	-3,955.0	4,029.7	0.00	0.00	0.00
13,000.0	90.00	269.36	7,149.0	-920.8	-4,055.0	4,129.3	0.00	0.00	0.00
13,100.0	90.00	269.36	7,149.0	-921.9	-4,155.0	4,228.8	0.00	0.00	0.00
13,200.0	90.00	269.36	7,149.0	-923.0	-4,255.0	4,328.4	0.00	0.00	0.00
13,300.0	90.00	269.36	7,149.0	-924.1	-4,355.0	4,427.9	0.00	0.00	0.00
13,400.0	90.00	269.36	7,149.0	-925.2	-4,455.0	4,527.5	0.00	0.00	0.00
13,500.0	90.00	269.36	7,149.0	-926.3	-4,555.0	4,627.1	0.00	0.00	0.00
13,600.0	90.00	269.36	7,149.0	-927.4	-4,655.0	4,726.6	0.00	0.00	0.00
13,700.0	90.00	269.36	7,149.0	-928.5	-4,755.0	4,826.2	0.00	0.00	0.00
13,800.0	90.00	269.36	7,149.0	-929.6	-4,855.0	4,925.7	0.00	0.00	0.00
13,900.0	90.00	269.36	7,149.0	-930.8	-4,955.0	5,025.3	0.00	0.00	0.00
14,000.0	90.00	269.36	7,149.0	-931.9	-5,055.0	5,124.9	0.00	0.00	0.00
14,100.0	90.00	269.36	7,149.0	-933.0	-5,155.0	5,224.4	0.00	0.00	0.00
14,200.0	90.00	269.36	7,149.0	-934.1	-5,255.0	5,324.0	0.00	0.00	0.00
14,300.0	90.00	269.36	7,149.0	-935.2	-5,355.0	5,423.5	0.00	0.00	0.00
14,400.0	90.00	269.36	7,149.0	-936.3	-5,454.9	5,523.1	0.00	0.00	0.00
14,500.0	90.00	269.36	7,149.0	-937.4	-5,554.9	5,622.6	0.00	0.00	0.00
14,600.0	90.00	269.36	7,149.0	-938.5	-5,654.9	5,722.2	0.00	0.00	0.00
14,700.0	90.00	269.36	7,149.0	-939.6	-5,754.9	5,821.8	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,800.0	90.00	269.36	7,149.0	-940.7	-5,854.9	5,921.3	0.00	0.00	0.00
14,900.0	90.00	269.36	7,149.0	-941.9	-5,954.9	6,020.9	0.00	0.00	0.00
15,000.0	90.00	269.36	7,149.0	-943.0	-6,054.9	6,120.4	0.00	0.00	0.00
15,100.0	90.00	269.36	7,149.0	-944.1	-6,154.9	6,220.0	0.00	0.00	0.00
15,200.0	90.00	269.36	7,149.0	-945.2	-6,254.9	6,319.6	0.00	0.00	0.00
15,300.0	90.00	269.36	7,149.0	-946.3	-6,354.9	6,419.1	0.00	0.00	0.00
15,400.0	90.00	269.36	7,149.0	-947.4	-6,454.9	6,518.7	0.00	0.00	0.00
15,500.0	90.00	269.36	7,149.0	-948.5	-6,554.9	6,618.2	0.00	0.00	0.00
15,600.0	90.00	269.36	7,149.0	-949.6	-6,654.9	6,717.8	0.00	0.00	0.00
15,700.0	90.00	269.36	7,149.0	-950.7	-6,754.9	6,817.3	0.00	0.00	0.00
15,800.0	90.00	269.36	7,149.0	-951.8	-6,854.9	6,916.9	0.00	0.00	0.00
15,900.0	90.00	269.36	7,149.0	-952.9	-6,954.9	7,016.5	0.00	0.00	0.00
16,000.0	90.00	269.36	7,149.0	-954.1	-7,054.9	7,116.0	0.00	0.00	0.00
16,100.0	90.00	269.36	7,149.0	-955.2	-7,154.8	7,215.6	0.00	0.00	0.00
16,200.0	90.00	269.36	7,149.0	-956.3	-7,254.8	7,315.1	0.00	0.00	0.00
16,300.0	90.00	269.36	7,149.0	-957.4	-7,354.8	7,414.7	0.00	0.00	0.00
16,400.0	90.00	269.36	7,149.0	-958.5	-7,454.8	7,514.2	0.00	0.00	0.00
16,500.0	90.00	269.36	7,149.0	-959.6	-7,554.8	7,613.8	0.00	0.00	0.00
16,600.0	90.00	269.36	7,149.0	-960.7	-7,654.8	7,713.4	0.00	0.00	0.00
16,700.0	90.00	269.36	7,149.0	-961.8	-7,754.8	7,812.9	0.00	0.00	0.00
16,800.0	90.00	269.36	7,149.0	-962.9	-7,854.8	7,912.5	0.00	0.00	0.00
16,900.0	90.00	269.36	7,149.0	-964.0	-7,954.8	8,012.0	0.00	0.00	0.00
17,000.0	90.00	269.36	7,149.0	-965.2	-8,054.8	8,111.6	0.00	0.00	0.00
17,100.0	90.00	269.36	7,149.0	-966.3	-8,154.8	8,211.2	0.00	0.00	0.00
17,200.0	90.00	269.36	7,149.0	-967.4	-8,254.8	8,310.7	0.00	0.00	0.00
17,300.0	90.00	269.36	7,149.0	-968.5	-8,354.8	8,410.3	0.00	0.00	0.00
17,400.0	90.00	269.36	7,149.0	-969.6	-8,454.8	8,509.8	0.00	0.00	0.00
17,500.0	90.00	269.36	7,149.0	-970.7	-8,554.8	8,609.4	0.00	0.00	0.00
17,600.0	90.00	269.36	7,149.0	-971.8	-8,654.8	8,708.9	0.00	0.00	0.00
17,700.0	90.00	269.36	7,149.0	-972.9	-8,754.7	8,808.5	0.00	0.00	0.00
17,800.0	90.00	269.36	7,149.0	-974.0	-8,854.7	8,908.1	0.00	0.00	0.00
17,900.0	90.00	269.36	7,149.0	-975.1	-8,954.7	9,007.6	0.00	0.00	0.00
18,000.0	90.00	269.36	7,149.0	-976.3	-9,054.7	9,107.2	0.00	0.00	0.00
18,100.0	90.00	269.36	7,149.0	-977.4	-9,154.7	9,206.7	0.00	0.00	0.00
18,200.0	90.00	269.36	7,149.0	-978.5	-9,254.7	9,306.3	0.00	0.00	0.00
18,220.4	90.00	269.36	7,149.0	-978.7	-9,275.1	9,326.6	0.00	0.00	0.00
TD at 18220.4 - BHL 275'FSL, 5'FWL, SEC.28									

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (10-27-17)		

Design Targets										
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)			
- Shape										
SHL 1138'FSL, 1575'FEI - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,092.33	3,205,704.36	40.541842	-104.759855	
LPL 275'FSL, 573'FEL, 5 - plan hits target center - Point	0.00	0.00	7,149.0	-864.6	1,006.8	1,440,236.19	3,206,718.31	40.539469	-104.756233	
BHL 275'FSL, 5'FWL, SI - plan hits target center - Point	0.00	0.00	7,149.0	-978.7	-9,275.1	1,440,036.28	3,196,438.05	40.539151	-104.793225	

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S	+E/-W	Comment	
(ft)	(ft)	(ft)	(ft)		
400.0	400.0	0.0	0.0	KOP - Start Build 1.50	
5,127.0	4,786.4	-160.1	322.0	Start Drop -2.00	
6,813.1	6,433.0	-736.5	1,481.3	Start Build 8.00	
7,937.9	7,149.0	-856.6	1,722.8	Start DLS 0.50 TFO 90.00	
7,938.7	7,149.0	-856.6	1,722.8	Start 10281.7 hold at 7938.7 MD	
18,220.4	7,149.0	-864.6	1,006.8	TD at 18220.4	



Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks WA-27-28HN

Wellbore #1

Plan #2 (10-27-17)

Anticollision Report

30 October, 2017



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Reference	Plan #2 (10-27-17)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 800.0 ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	10/30/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	18,220.4	Plan #2 (10-27-17) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
G & D Hanks 27-N Pad Sec.27-T7N-R66W						
G & D Hanks M-27-28HN - Wellbore #1 - Plan #2 (10-19	200.0	200.0	210.2	209.5	311.764	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Plan #2 (10-19	2,500.0	2,314.5	771.7	750.1	35.835	SF
G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot	200.0	200.0	210.2	209.5	311.764	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot	2,500.0	2,314.5	771.7	750.1	35.835	SF
G & D Hanks N-27-28HC - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	180.0	178.4	114.394	CC, ES
G & D Hanks N-27-28HC - Wellbore #1 - Plan #2 (10-19-	2,900.0	2,750.3	792.4	766.9	31.082	SF
G & D Hanks NA-27-28HN - Wellbore #1 - Plan #1 (10-1	400.0	400.0	195.3	193.7	124.120	CC, ES
G & D Hanks NA-27-28HN - Wellbore #1 - Plan #1 (10-1	2,700.0	2,524.5	788.6	765.1	33.466	SF
G & D Hanks O-27-28HN - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	165.0	164.4	244.768	CC, ES
G & D Hanks O-27-28HN - Wellbore #1 - Plan #2 (10-19-	2,900.0	2,746.7	798.0	769.7	28.154	SF
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	150.1	148.5	95.404	CC, ES
G & D Hanks P-27-28HN - Wellbore #1 - Plan #2 (10-19-	3,300.0	3,186.4	783.9	749.8	22.958	SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	200.0	200.0	120.2	119.6	178.306	CC
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	300.0	299.3	120.5	119.4	108.128	ES
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #2 (10-19-	3,600.0	3,492.4	775.3	735.3	19.366	SF
G & D Hanks QA-27-28HN - Wellbore #1 - Plan #1 (10-1	400.0	400.0	135.2	133.6	85.913	CC, ES
G & D Hanks QA-27-28HN - Wellbore #1 - Plan #1 (10-1	3,600.0	3,507.5	796.0	758.9	21.481	SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	104.9	103.4	66.693	CC, ES
G & D Hanks R-27-28HN - Wellbore #1 - Plan #2 (10-19-	4,100.0	4,024.9	796.6	750.1	17.132	SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	90.0	88.4	57.200	CC, ES
G & D Hanks S-27-28HN - Wellbore #1 - Plan #2 (10-19-	5,200.0	5,139.0	792.9	726.5	11.950	SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #3 (10-27-	416.5	416.8	74.6	73.0	45.885	CC, ES
G & D Hanks T-27-28HC - Wellbore #1 - Plan #3 (10-27-	18,220.4	18,456.8	759.5	182.5	1.316	Level 3, SF
G & D Hanks TA-27-28HN - Wellbore #1 - Plan #2 (10-27	400.0	400.0	60.1	58.5	38.207	CC, ES
G & D Hanks TA-27-28HN - Wellbore #1 - Plan #2 (10-27	18,200.0	18,152.4	659.9	60.6	1.101	Level 2, SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #2 (10-19-	400.0	400.0	45.2	43.6	28.719	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,220.4	18,328.4	573.0	-17.2	0.971	Level 1, ES, SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #2 (10-19-	463.7	464.0	28.7	26.9	15.707	CC
G & D Hanks V-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,220.4	18,445.8	311.1	-184.8	0.627	Level 1, ES, SF
G & D Hanks W-27-28HC - Wellbore #1 - Plan #3 (10-27	400.0	400.0	14.9	13.4	9.495	CC
G & D Hanks W-27-28HC - Wellbore #1 - Plan #3 (10-27	18,220.4	18,550.8	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	14.9	14.3	22.152	CC
G & D Hanks X-27-28HN - Wellbore #1 - Plan #2 (10-19-	18,220.4	18,424.8	156.2	-250.3	0.384	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
G & D HANKS PAD Sec.27-T7N-R66W						
G&D HANKS 15-27 - Wellbore #1 - Wellbore #1	9,368.1	7,179.6	384.7	308.9	5.073	CC, ES
G&D HANKS 15-27 - Wellbore #1 - Wellbore #1	9,400.0	7,179.7	386.0	309.5	5.043	SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	409.7	404.7	503.8	502.6	399.011	CC, ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	2,500.0	2,554.6	789.2	777.4	66.913	SF

Offset Design G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks M-27-28HN - Wellbore #1 - Plan #2 (10-19-1)													Offset Site Error: 0.0 ft
Survey Program: 0-MWD													Offset Well Error: 0.0 ft
Reference	Offset	Semi Major Axis			Distance								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	210.2	0.6	210.2				
100.0	100.0	100.0	100.0	0.1	0.1	0.15	210.2	0.6	210.2	210.0	0.22	935.293	
200.0	200.0	200.0	200.0	0.3	0.3	0.15	210.2	0.6	210.2	209.5	0.67	311.764	CC, ES
300.0	300.0	297.1	297.1	0.6	0.6	0.43	210.9	1.6	210.9	209.8	1.11	189.420	
400.0	400.0	394.1	394.0	0.8	0.8	1.27	212.9	4.7	213.0	211.4	1.56	136.850	
500.0	500.0	490.9	490.6	1.0	1.0	-114.06	216.1	9.9	217.1	215.1	1.99	108.852	
600.0	599.9	587.4	586.7	1.2	1.2	-113.05	220.7	17.1	223.8	221.3	2.44	91.668	
700.0	699.7	683.5	682.2	1.4	1.5	-112.15	226.5	26.4	233.0	230.1	2.92	79.774	
800.0	799.3	779.2	777.0	1.7	1.8	-111.37	233.6	37.6	244.7	241.3	3.44	71.179	
900.0	898.6	874.4	870.9	1.9	2.1	-110.72	241.9	50.8	258.9	254.9	4.00	64.732	
1,000.0	997.5	969.0	963.8	2.2	2.5	-110.19	251.4	65.8	275.5	270.8	4.61	59.743	
1,100.0	1,096.1	1,062.8	1,055.5	2.6	2.9	-109.76	262.0	82.6	294.4	289.1	5.28	55.779	
1,200.0	1,194.2	1,156.0	1,146.0	3.0	3.3	-109.41	273.8	101.2	315.7	309.7	6.01	52.563	
1,300.0	1,291.7	1,248.3	1,235.1	3.4	3.8	-109.13	286.5	121.4	339.4	332.6	6.80	49.911	
1,400.0	1,388.6	1,339.7	1,322.8	3.9	4.3	-108.91	300.3	143.2	365.3	357.6	7.66	47.679	
1,500.0	1,484.9	1,430.1	1,409.0	4.4	4.8	-108.72	315.1	166.6	393.4	384.8	8.59	45.803	
1,600.0	1,580.4	1,519.6	1,493.5	5.0	5.4	-108.56	330.7	191.4	423.7	414.1	9.59	44.198	
1,700.0	1,675.0	1,608.0	1,576.3	5.6	6.0	-108.41	347.2	217.5	456.1	445.4	10.65	42.815	
1,800.0	1,768.9	1,695.3	1,657.4	6.3	6.6	-108.27	364.5	244.9	490.6	478.8	11.79	41.610	
1,900.0	1,861.7	1,781.5	1,736.7	7.1	7.3	-108.12	382.6	273.4	527.2	514.2	13.00	40.549	
2,000.0	1,953.6	1,866.6	1,814.2	7.9	8.0	-107.96	401.3	303.1	565.8	551.5	14.28	39.618	
2,070.9	2,018.1	1,926.1	1,867.9	8.5	8.5	-107.84	415.0	324.7	594.4	579.1	15.23	39.034	
2,100.0	2,044.5	1,950.6	1,889.9	8.7	8.7	-107.97	420.7	333.8	606.4	590.7	15.63	38.783	
2,200.0	2,135.1	2,041.6	1,971.6	9.6	9.5	-108.39	442.2	367.8	647.6	630.6	17.09	37.891	
2,300.0	2,225.6	2,132.5	2,053.2	10.5	10.3	-108.76	463.6	401.8	689.0	670.4	18.56	37.116	
2,400.0	2,316.2	2,223.5	2,134.8	11.4	11.2	-109.08	485.1	435.8	730.3	710.3	20.04	36.436	
2,500.0	2,406.8	2,314.5	2,216.4	12.3	12.0	-109.37	506.6	469.8	771.7	750.1	21.53	35.835	SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks M-27-28HN - Wellbore #1 - Spider Plot														
Reference		Offset		Semi Major Axis			Distance							
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	0.15	210.2	0.6	210.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.15	210.2	0.6	210.2	210.0	0.22	935.293		
200.0	200.0	200.0	200.0	0.3	0.3	0.15	210.2	0.6	210.2	209.5	0.67	311.764	CC, ES	
300.0	300.0	297.1	297.1	0.6	0.6	0.43	210.9	1.6	210.9	209.8	1.11	189.420		
400.0	400.0	394.1	394.0	0.8	0.8	1.27	212.9	4.7	213.0	211.4	1.56	136.850		
500.0	500.0	490.9	490.6	1.0	1.0	-114.06	216.1	9.9	217.1	215.1	1.99	108.852		
600.0	599.9	587.4	586.7	1.2	1.2	-113.05	220.7	17.1	223.8	221.3	2.44	91.668		
700.0	699.7	683.5	682.2	1.4	1.5	-112.15	226.5	26.4	233.0	230.1	2.92	79.774		
800.0	799.3	779.2	777.0	1.7	1.8	-111.37	233.6	37.6	244.7	241.3	3.44	71.179		
900.0	898.6	874.4	870.9	1.9	2.1	-110.72	241.9	50.8	258.9	254.9	4.00	64.732		
1,000.0	997.5	969.0	963.8	2.2	2.5	-110.19	251.4	65.8	275.5	270.8	4.61	59.743		
1,100.0	1,096.1	1,062.8	1,055.5	2.6	2.9	-109.76	262.0	82.6	294.4	289.1	5.28	55.779		
1,200.0	1,194.2	1,156.0	1,146.0	3.0	3.3	-109.41	273.8	101.2	315.7	309.7	6.01	52.563		
1,300.0	1,291.7	1,248.3	1,235.1	3.4	3.8	-109.13	286.5	121.4	339.4	332.6	6.80	49.911		
1,400.0	1,388.6	1,339.7	1,322.8	3.9	4.3	-108.91	300.3	143.2	365.3	357.6	7.66	47.679		
1,500.0	1,484.9	1,430.1	1,409.0	4.4	4.8	-108.72	315.1	166.6	393.4	384.8	8.59	45.803		
1,600.0	1,580.4	1,519.6	1,493.5	5.0	5.4	-108.56	330.7	191.4	423.7	414.1	9.59	44.198		
1,700.0	1,675.0	1,608.0	1,576.3	5.6	6.0	-108.41	347.2	217.5	456.1	445.4	10.65	42.815		
1,800.0	1,768.9	1,695.3	1,657.4	6.3	6.6	-108.27	364.5	244.9	490.6	478.8	11.79	41.610		
1,900.0	1,861.7	1,781.5	1,736.7	7.1	7.3	-108.12	382.6	273.4	527.2	514.2	13.00	40.549		
2,000.0	1,953.6	1,866.6	1,814.2	7.9	8.0	-107.96	401.3	303.1	565.8	551.5	14.28	39.618		
2,070.9	2,018.1	1,926.1	1,867.9	8.5	8.5	-107.84	415.0	324.7	594.4	579.1	15.23	39.034		
2,100.0	2,044.5	1,950.6	1,889.9	8.7	8.7	-107.97	420.7	333.8	606.4	590.7	15.63	38.783		
2,200.0	2,135.1	2,041.6	1,971.6	9.6	9.5	-108.39	442.2	367.8	647.6	630.6	17.09	37.891		
2,300.0	2,225.6	2,132.5	2,053.2	10.5	10.3	-108.76	463.6	401.8	689.0	670.4	18.56	37.116		
2,400.0	2,316.2	2,223.5	2,134.8	11.4	11.2	-109.08	485.1	435.8	730.3	710.3	20.04	36.436		
2,500.0	2,406.8	2,314.5	2,216.4	12.3	12.0	-109.37	506.6	469.8	771.7	750.1	21.53	35.835	SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.18	180.0	0.6	180.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.18	180.0	0.6	180.0	179.8	0.22	800.760		
200.0	200.0	200.0	200.0	0.3	0.3	0.18	180.0	0.6	180.0	179.3	0.67	266.920		
300.0	300.0	300.0	300.0	0.6	0.6	0.18	180.0	0.6	180.0	178.9	1.12	160.152		
400.0	400.0	400.0	400.0	0.8	0.8	0.18	180.0	0.6	180.0	178.4	1.57	114.394 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-116.62	180.0	0.6	180.6	178.6	2.01	90.030		
600.0	599.9	599.9	599.9	1.2	1.2	-117.70	180.0	0.6	182.4	179.9	2.43	74.944		
700.0	699.7	697.6	697.6	1.4	1.4	-119.06	180.6	1.6	186.1	183.2	2.87	64.886		
800.0	799.3	795.2	795.1	1.7	1.7	-120.31	182.4	4.9	192.3	188.9	3.32	57.926		
900.0	898.6	892.7	892.4	1.9	1.9	-121.42	185.4	10.4	201.0	197.2	3.80	52.895		
1,000.0	997.5	989.9	989.2	2.2	2.1	-122.36	189.6	17.9	212.1	207.8	4.31	49.170		
1,100.0	1,096.1	1,086.8	1,085.5	2.6	2.4	-123.13	195.0	27.6	225.7	220.8	4.87	46.340		
1,200.0	1,194.2	1,183.3	1,181.1	3.0	2.6	-123.72	201.6	39.4	241.7	236.2	5.48	44.132		
1,300.0	1,291.7	1,279.4	1,275.8	3.4	2.9	-124.15	209.3	53.2	260.0	253.9	6.14	42.363		
1,400.0	1,388.6	1,374.9	1,369.6	3.9	3.3	-124.42	218.0	69.0	280.7	273.8	6.86	40.908		
1,500.0	1,484.9	1,469.8	1,462.3	4.4	3.6	-124.57	227.9	86.7	303.6	296.0	7.65	39.683		
1,600.0	1,580.4	1,564.0	1,553.8	5.0	4.1	-124.60	238.8	106.3	328.8	320.3	8.51	38.631		
1,700.0	1,675.0	1,657.4	1,644.0	5.6	4.5	-124.54	250.6	127.7	356.2	346.8	9.45	37.709		
1,800.0	1,768.9	1,750.1	1,732.8	6.3	5.0	-124.39	263.5	150.8	385.8	375.3	10.46	36.899		
1,900.0	1,861.7	1,841.9	1,820.1	7.1	5.5	-124.17	277.2	175.5	417.5	406.0	11.54	36.175		
2,000.0	1,953.6	1,932.8	1,905.9	7.9	6.1	-123.90	291.8	201.7	451.3	438.6	12.70	35.526		
2,070.9	2,018.1	1,996.7	1,965.7	8.5	6.5	-123.68	302.7	221.3	476.5	463.0	13.57	35.113		
2,100.0	2,044.5	2,022.8	1,990.1	8.7	6.7	-123.71	307.2	229.5	487.1	473.2	13.95	34.930		
2,200.0	2,135.1	2,112.1	2,072.9	9.6	7.3	-123.66	323.5	258.8	523.9	508.7	15.25	34.349		
2,300.0	2,225.6	2,200.0	2,153.6	10.5	8.0	-123.40	340.4	289.2	561.4	544.8	16.61	33.806		
2,400.0	2,316.2	2,289.4	2,234.9	11.4	8.7	-122.97	358.6	321.8	599.6	581.6	18.03	33.256		
2,500.0	2,406.8	2,381.6	2,318.3	12.3	9.4	-122.50	377.6	356.1	638.1	618.6	19.50	32.717		
2,600.0	2,497.4	2,473.8	2,401.7	13.2	10.2	-122.08	396.7	390.4	676.6	655.6	20.99	32.239		
2,700.0	2,588.0	2,565.9	2,485.1	14.1	11.0	-121.70	415.8	424.7	715.2	692.7	22.48	31.811		
2,800.0	2,678.6	2,658.1	2,568.5	15.0	11.8	-121.37	434.9	459.1	753.8	729.8	23.98	31.428		
2,900.0	2,769.2	2,750.3	2,651.8	15.9	12.6	-121.06	453.9	493.4	792.4	766.9	25.49	31.082 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.16	195.3	0.6	195.3					
100.0	100.0	100.0	100.0	0.1	0.1	0.16	195.3	0.6	195.3	195.1	0.22	868.837		
200.0	200.0	200.0	200.0	0.3	0.3	0.16	195.3	0.6	195.3	194.6	0.67	289.612		
300.0	300.0	300.0	300.0	0.6	0.6	0.16	195.3	0.6	195.3	194.2	1.12	173.767		
400.0	400.0	400.0	400.0	0.8	0.8	0.16	195.3	0.6	195.3	193.7	1.57	124.120 CC, ES		
500.0	500.0	497.4	497.4	1.0	1.0	-116.28	195.9	1.6	196.5	194.5	1.99	98.519		
600.0	599.9	594.6	594.6	1.2	1.2	-116.31	197.9	4.8	200.3	197.9	2.41	82.978		
700.0	699.7	691.7	691.4	1.4	1.4	-116.35	201.1	10.0	206.5	203.7	2.86	72.238		
800.0	799.3	788.6	787.9	1.7	1.7	-116.39	205.6	17.4	215.3	211.9	3.34	64.533		
900.0	898.6	885.0	883.7	1.9	1.9	-116.44	211.4	26.7	226.5	222.6	3.85	58.811		
1,000.0	997.5	981.1	978.8	2.2	2.2	-116.47	218.4	38.1	240.1	235.7	4.41	54.430		
1,100.0	1,096.1	1,076.6	1,073.0	2.6	2.5	-116.50	226.6	51.4	256.2	251.2	5.02	50.986		
1,200.0	1,194.2	1,171.5	1,166.2	3.0	2.9	-116.51	236.0	66.7	274.7	269.0	5.70	48.217		
1,300.0	1,291.7	1,265.7	1,258.3	3.4	3.3	-116.50	246.5	83.7	295.6	289.1	6.43	45.951		
1,400.0	1,388.6	1,359.2	1,349.2	3.9	3.7	-116.46	258.1	102.6	318.8	311.6	7.23	44.067		
1,500.0	1,484.9	1,451.9	1,438.6	4.4	4.1	-116.40	270.7	123.1	344.3	336.2	8.11	42.476		
1,600.0	1,580.4	1,543.7	1,526.7	5.0	4.6	-116.31	284.4	145.3	372.2	363.1	9.05	41.127		
1,700.0	1,675.0	1,634.6	1,613.2	5.6	5.1	-116.20	299.0	169.0	402.2	392.2	10.06	39.969		
1,800.0	1,768.9	1,724.4	1,698.1	6.3	5.7	-116.05	314.5	194.1	434.5	423.3	11.15	38.966		
1,900.0	1,861.7	1,813.3	1,781.3	7.1	6.3	-115.88	330.8	220.7	468.9	456.6	12.31	38.094		
2,000.0	1,953.6	1,900.0	1,861.7	7.9	6.9	-115.67	347.7	248.2	505.4	491.9	13.53	37.348		
2,070.9	2,018.1	1,962.6	1,919.4	8.5	7.4	-115.51	360.5	268.9	532.6	518.1	14.46	36.826		
2,100.0	2,044.5	1,987.7	1,942.4	8.7	7.6	-115.60	365.8	277.5	544.0	529.1	14.85	36.631		
2,200.0	2,135.1	2,073.6	2,020.5	9.6	8.3	-115.76	384.4	307.8	583.8	567.5	16.22	35.989		
2,300.0	2,225.6	2,159.8	2,098.2	10.5	9.0	-115.72	404.1	339.7	624.5	606.9	17.63	35.422		
2,400.0	2,316.2	2,251.0	2,180.0	11.4	9.8	-115.64	425.1	373.9	665.5	646.4	19.10	34.845		
2,500.0	2,406.8	2,342.2	2,261.9	12.3	10.6	-115.56	446.2	408.1	706.6	686.0	20.58	34.333		
2,600.0	2,497.4	2,433.3	2,343.7	13.2	11.4	-115.49	467.3	442.4	747.6	725.5	22.07	33.876		
2,700.0	2,588.0	2,524.5	2,425.6	14.1	12.3	-115.43	488.4	476.6	788.6	765.1	23.57	33.466 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.19	165.0	0.6	165.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.19	165.0	0.6	165.0	164.8	0.22	734.303		
200.0	200.0	200.0	200.0	0.3	0.3	0.19	165.0	0.6	165.0	164.4	0.67	244.768 CC, ES		
300.0	300.0	298.1	298.1	0.6	0.6	0.59	165.6	1.7	165.6	164.5	1.11	148.578		
400.0	400.0	396.2	396.1	0.8	0.8	1.75	167.2	5.1	167.3	165.8	1.56	107.344		
500.0	500.0	494.0	493.7	1.0	1.0	-113.15	169.9	10.8	170.9	168.9	2.00	85.472		
600.0	599.9	591.5	590.9	1.2	1.3	-111.72	173.6	18.7	176.7	174.3	2.45	72.133		
700.0	699.7	688.8	687.5	1.4	1.5	-110.43	178.4	28.8	185.0	182.0	2.94	62.980		
800.0	799.3	785.6	783.4	1.7	1.8	-109.30	184.2	41.1	195.5	192.0	3.46	56.423		
900.0	898.6	882.0	878.4	1.9	2.2	-108.34	191.0	55.4	208.2	204.2	4.04	51.546		
1,000.0	997.5	977.9	972.5	2.2	2.5	-107.54	198.8	71.9	223.2	218.5	4.67	47.797		
1,100.0	1,096.1	1,073.2	1,065.6	2.6	2.9	-106.89	207.6	90.4	240.3	234.9	5.36	44.835		
1,200.0	1,194.2	1,167.9	1,157.5	3.0	3.4	-106.37	217.3	110.8	259.6	253.4	6.12	42.439		
1,300.0	1,291.7	1,261.8	1,248.2	3.4	3.9	-105.95	227.8	133.1	280.9	273.9	6.94	40.466		
1,400.0	1,388.6	1,355.0	1,337.5	3.9	4.4	-105.61	239.2	157.2	304.3	296.4	7.84	38.807		
1,500.0	1,484.9	1,447.4	1,425.3	4.4	5.0	-105.34	251.5	183.0	329.7	320.8	8.81	37.406		
1,600.0	1,580.4	1,539.0	1,511.7	5.0	5.6	-105.12	264.5	210.5	357.0	347.2	9.86	36.204		
1,700.0	1,675.0	1,629.6	1,596.5	5.6	6.2	-104.93	278.2	239.5	386.3	375.4	10.99	35.164		
1,800.0	1,768.9	1,719.4	1,679.6	6.3	6.9	-104.76	292.7	270.1	417.6	405.4	12.19	34.262		
1,900.0	1,861.7	1,810.9	1,763.7	7.1	7.6	-104.65	308.2	302.8	450.5	437.0	13.48	33.417		
2,000.0	1,953.6	1,904.9	1,849.9	7.9	8.3	-104.76	324.2	336.7	484.3	469.4	14.85	32.600		
2,070.9	2,018.1	1,971.3	1,910.8	8.5	8.9	-104.96	335.6	360.6	508.6	492.8	15.87	32.059		
2,100.0	2,044.5	1,998.5	1,935.8	8.7	9.1	-105.22	340.2	370.4	518.7	502.4	16.29	31.834		
2,200.0	2,135.1	2,092.1	2,021.6	9.6	9.8	-106.01	356.2	404.1	553.4	535.6	17.78	31.129		
2,300.0	2,225.6	2,185.6	2,107.3	10.5	10.6	-106.72	372.1	437.7	588.2	568.9	19.27	30.522		
2,400.0	2,316.2	2,279.1	2,193.1	11.4	11.4	-107.34	388.1	471.4	623.0	602.3	20.77	29.994		
2,500.0	2,406.8	2,372.6	2,278.9	12.3	12.2	-107.90	404.0	505.1	657.9	635.7	22.28	29.532		
2,600.0	2,497.4	2,466.2	2,364.7	13.2	12.9	-108.41	420.0	538.8	692.9	669.1	23.79	29.125		
2,700.0	2,588.0	2,559.7	2,450.5	14.1	13.7	-108.86	435.9	572.5	727.9	702.6	25.31	28.764		
2,800.0	2,678.6	2,653.2	2,536.2	15.0	14.5	-109.28	451.9	606.1	762.9	736.1	26.82	28.442		
2,900.0	2,769.2	2,746.7	2,622.0	15.9	15.2	-109.65	467.8	639.8	798.0	769.7	28.34	28.154 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.21	150.1	0.6	150.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.21	150.1	0.6	150.1	149.9	0.22	667.829		
200.0	200.0	200.0	200.0	0.3	0.3	0.21	150.1	0.6	150.1	149.4	0.67	222.610		
300.0	300.0	300.0	300.0	0.6	0.6	0.21	150.1	0.6	150.1	149.0	1.12	133.566		
400.0	400.0	400.0	400.0	0.8	0.8	0.21	150.1	0.6	150.1	148.5	1.57	95.404 CC, ES		
500.0	500.0	498.8	498.8	1.0	1.0	-116.19	150.5	1.8	151.1	149.1	2.00	75.727		
600.0	599.9	597.6	597.5	1.2	1.2	-116.09	151.6	5.4	154.0	151.6	2.41	63.832		
700.0	699.7	696.2	695.9	1.4	1.4	-115.93	153.6	11.5	158.9	156.0	2.86	55.553		
800.0	799.3	794.7	794.0	1.7	1.7	-115.71	156.2	20.0	165.6	162.3	3.34	49.564		
900.0	898.6	892.9	891.6	1.9	1.9	-115.45	159.7	30.8	174.4	170.5	3.87	45.072		
1,000.0	997.5	990.9	988.6	2.2	2.2	-115.16	163.8	44.1	185.0	180.6	4.45	41.592		
1,100.0	1,096.1	1,088.6	1,084.9	2.6	2.6	-114.85	168.7	59.6	197.6	192.5	5.09	38.822		
1,200.0	1,194.2	1,185.9	1,180.3	3.0	2.9	-114.52	174.4	77.4	212.0	206.2	5.80	36.566		
1,300.0	1,291.7	1,282.7	1,274.9	3.4	3.3	-114.18	180.7	97.4	228.3	221.7	6.58	34.696		
1,400.0	1,388.6	1,379.2	1,368.5	3.9	3.8	-113.84	187.7	119.6	246.5	239.0	7.44	33.124		
1,500.0	1,484.9	1,475.1	1,460.9	4.4	4.3	-113.50	195.4	143.9	266.5	258.1	8.39	31.783		
1,600.0	1,580.4	1,570.4	1,552.2	5.0	4.8	-113.15	203.7	170.2	288.3	278.9	9.41	30.633		
1,700.0	1,675.0	1,665.2	1,642.2	5.6	5.4	-112.80	212.6	198.5	311.9	301.4	10.53	29.637		
1,800.0	1,768.9	1,759.3	1,730.8	6.3	6.0	-112.46	222.2	228.8	337.3	325.6	11.73	28.767		
1,900.0	1,861.7	1,852.8	1,818.0	7.1	6.6	-112.11	232.3	260.8	364.4	351.4	13.01	28.002		
2,000.0	1,953.6	1,946.8	1,905.0	7.9	7.3	-111.78	243.1	295.0	393.2	378.8	14.39	27.325		
2,070.9	2,018.1	2,014.5	1,967.4	8.5	7.9	-111.71	250.9	319.8	414.2	398.8	15.41	26.877		
2,100.0	2,044.5	2,042.2	1,993.1	8.7	8.1	-111.84	254.2	330.0	422.9	407.1	15.84	26.699		
2,200.0	2,135.1	2,137.6	2,081.1	9.6	8.8	-112.23	265.2	364.9	453.0	435.6	17.33	26.142		
2,300.0	2,225.6	2,232.9	2,169.1	10.5	9.6	-112.57	276.2	399.9	483.0	464.2	18.83	25.655		
2,400.0	2,316.2	2,328.3	2,257.1	11.4	10.3	-112.87	287.3	434.8	513.1	492.7	20.34	25.229		
2,500.0	2,406.8	2,423.6	2,345.1	12.3	11.1	-113.14	298.3	469.8	543.1	521.3	21.85	24.853		
2,600.0	2,497.4	2,519.0	2,433.1	13.2	11.8	-113.38	309.4	504.8	573.2	549.8	23.38	24.520		
2,700.0	2,588.0	2,614.3	2,521.1	14.1	12.6	-113.60	320.4	539.7	603.3	578.4	24.91	24.222		
2,800.0	2,678.6	2,709.6	2,609.1	15.0	13.3	-113.80	331.5	574.7	633.4	606.9	26.44	23.956		
2,900.0	2,769.2	2,805.0	2,697.1	15.9	14.1	-113.97	342.5	609.6	663.5	635.5	27.98	23.716		
3,000.0	2,859.7	2,900.3	2,785.2	16.8	14.9	-114.14	353.5	644.6	693.6	664.1	29.51	23.499		
3,100.0	2,950.3	2,995.7	2,873.2	17.7	15.6	-114.29	364.6	679.6	723.7	692.6	31.06	23.302		
3,200.0	3,040.9	3,091.0	2,961.2	18.7	16.4	-114.42	375.6	714.5	753.8	721.2	32.60	23.122		
3,300.0	3,131.5	3,186.4	3,049.2	19.6	17.2	-114.55	386.7	749.5	783.9	749.8	34.15	22.958 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.26	120.2	0.6	120.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.26	120.2	0.6	120.2	120.0	0.22	534.917		
200.0	200.0	200.0	200.0	0.3	0.3	0.26	120.2	0.6	120.2	119.6	0.67	178.306 CC		
300.0	299.3	299.3	299.3	0.6	0.6	0.86	120.5	1.8	120.5	119.4	1.11	108.128 ES		
400.0	400.0	398.4	398.3	0.8	0.8	2.63	121.4	5.6	121.5	119.9	1.56	77.933		
500.0	500.0	497.4	497.1	1.0	1.0	-111.45	122.8	11.8	123.8	121.8	2.00	61.891		
600.0	599.9	596.1	595.4	1.2	1.3	-109.18	124.7	20.6	128.1	125.7	2.46	52.126		
700.0	699.7	694.6	693.2	1.4	1.5	-107.08	127.2	31.8	134.3	131.4	2.95	45.460		
800.0	799.3	792.8	790.4	1.7	1.9	-105.20	130.3	45.3	142.4	138.9	3.50	40.713		
900.0	898.6	890.7	886.9	1.9	2.2	-103.57	133.9	61.3	152.3	148.2	4.09	37.202		
1,000.0	997.5	988.2	982.6	2.2	2.6	-102.20	138.0	79.6	164.0	159.2	4.75	34.514		
1,100.0	1,096.1	1,085.3	1,077.4	2.6	3.0	-101.06	142.6	100.2	177.4	171.9	5.47	32.396		
1,200.0	1,194.2	1,181.9	1,171.1	3.0	3.5	-100.13	147.7	123.0	192.5	186.2	6.27	30.683		
1,300.0	1,291.7	1,278.1	1,263.8	3.4	4.0	-99.39	153.3	148.0	209.2	202.0	7.15	29.267		
1,400.0	1,388.6	1,373.8	1,355.4	3.9	4.5	-98.80	159.4	175.1	227.5	219.4	8.10	28.077		
1,500.0	1,484.9	1,468.9	1,445.7	4.4	5.1	-98.34	165.9	204.3	247.5	238.3	9.15	27.061		
1,600.0	1,580.4	1,563.4	1,534.7	5.0	5.8	-97.97	172.9	235.5	269.0	258.7	10.27	26.185		
1,700.0	1,675.0	1,659.7	1,624.6	5.6	6.4	-97.78	180.4	268.9	291.7	280.2	11.49	25.385		
1,800.0	1,768.9	1,756.9	1,715.4	6.3	7.1	-98.02	188.0	302.8	314.9	302.1	12.79	24.620		
1,900.0	1,861.7	1,853.9	1,806.0	7.1	7.9	-98.62	195.6	336.7	338.5	324.4	14.16	23.909		
2,000.0	1,953.6	1,950.7	1,896.4	7.9	8.6	-99.50	203.2	370.4	362.7	347.1	15.59	23.258		
2,070.9	2,018.1	2,019.1	1,960.2	8.5	9.1	-100.26	208.6	394.3	380.1	363.5	16.65	22.836		
2,100.0	2,044.5	2,047.1	1,986.4	8.7	9.3	-100.70	210.8	404.1	387.4	370.3	17.09	22.667		
2,200.0	2,135.1	2,143.5	2,076.4	9.6	10.0	-102.08	218.3	437.7	412.4	393.8	18.62	22.153		
2,300.0	2,225.6	2,239.8	2,166.4	10.5	10.7	-103.31	225.8	471.3	437.7	417.6	20.15	21.723		
2,400.0	2,316.2	2,336.2	2,256.4	11.4	11.4	-104.40	233.4	504.9	463.1	441.5	21.68	21.360		
2,500.0	2,406.8	2,432.5	2,346.4	12.3	12.2	-105.38	240.9	538.5	488.7	465.5	23.22	21.050		
2,600.0	2,497.4	2,528.9	2,436.4	13.2	12.9	-106.26	248.5	572.1	514.4	489.7	24.75	20.784		
2,700.0	2,588.0	2,625.2	2,526.4	14.1	13.6	-107.06	256.0	605.7	540.2	513.9	26.28	20.553		
2,800.0	2,678.6	2,721.6	2,616.4	15.0	14.3	-107.78	263.5	639.3	566.1	538.3	27.82	20.351		
2,900.0	2,769.2	2,817.9	2,706.3	15.9	15.1	-108.44	271.1	672.9	592.0	562.7	29.35	20.174		
3,000.0	2,859.7	2,914.3	2,796.3	16.8	15.8	-109.05	278.6	706.5	618.1	587.2	30.88	20.018		
3,100.0	2,950.3	3,010.7	2,886.3	17.7	16.5	-109.61	286.2	740.1	644.2	611.8	32.41	19.878		
3,200.0	3,040.9	3,107.0	2,976.3	18.7	17.2	-110.12	293.7	773.7	670.3	636.4	33.93	19.754		
3,300.0	3,131.5	3,203.4	3,066.3	19.6	18.0	-110.60	301.2	807.3	696.5	661.0	35.46	19.642		
3,400.0	3,222.1	3,299.7	3,156.3	20.5	18.7	-111.04	308.8	840.9	722.7	685.7	36.99	19.541		
3,500.0	3,312.7	3,396.1	3,246.3	21.4	19.4	-111.45	316.3	874.6	749.0	710.5	38.51	19.449		
3,600.0	3,403.2	3,492.4	3,336.2	22.3	20.1	-111.83	323.9	908.2	775.3	735.3	40.03	19.366 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.24	135.2	0.6	135.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.24	135.2	0.6	135.2	134.9	0.22	601.391		
200.0	200.0	200.0	200.0	0.3	0.3	0.24	135.2	0.6	135.2	134.5	0.67	200.464		
300.0	300.0	300.0	300.0	0.6	0.6	0.24	135.2	0.6	135.2	134.0	1.12	120.278		
400.0	400.0	400.0	400.0	0.8	0.8	0.24	135.2	0.6	135.2	133.6	1.57	85.913 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-116.69	135.2	0.6	135.8	133.7	2.01	67.687		
600.0	599.9	599.9	599.9	1.2	1.2	-118.13	135.2	0.6	137.6	135.1	2.43	56.533		
700.0	699.7	699.0	699.0	1.4	1.4	-119.90	135.5	1.8	141.0	138.1	2.87	49.182		
800.0	799.3	798.1	798.0	1.7	1.7	-121.43	136.5	5.5	146.4	143.1	3.32	44.144		
900.0	898.6	897.2	896.9	1.9	1.9	-122.69	138.1	11.7	153.6	149.8	3.79	40.479		
1,000.0	997.5	996.2	995.5	2.2	2.1	-123.67	140.3	20.4	162.7	158.4	4.31	37.734		
1,100.0	1,096.1	1,095.1	1,093.7	2.6	2.4	-124.38	143.2	31.6	173.6	168.7	4.87	35.611		
1,200.0	1,194.2	1,193.9	1,191.5	3.0	2.7	-124.84	146.7	45.2	186.2	180.7	5.49	33.913		
1,300.0	1,291.7	1,292.4	1,288.6	3.4	3.0	-125.08	150.8	61.2	200.6	194.4	6.17	32.507		
1,400.0	1,388.6	1,390.6	1,385.0	3.9	3.3	-125.13	155.5	79.5	216.7	209.8	6.92	31.309		
1,500.0	1,484.9	1,488.5	1,480.5	4.4	3.7	-125.03	160.8	100.2	234.5	226.7	7.75	30.262		
1,600.0	1,580.4	1,586.1	1,575.2	5.0	4.2	-124.81	166.8	123.1	253.9	245.3	8.66	29.328		
1,700.0	1,675.0	1,683.3	1,668.9	5.6	4.6	-124.49	173.2	148.3	275.1	265.4	9.65	28.490		
1,800.0	1,768.9	1,780.1	1,761.4	6.3	5.2	-124.10	180.3	175.7	297.8	287.1	10.74	27.726		
1,900.0	1,861.7	1,876.4	1,852.8	7.1	5.7	-123.65	187.9	205.2	322.2	310.3	11.92	27.029		
2,000.0	1,953.6	1,972.3	1,942.9	7.9	6.4	-123.15	196.0	236.7	348.2	335.1	13.20	26.390		
2,070.9	2,018.1	2,039.9	2,006.0	8.5	6.8	-122.77	202.1	260.3	367.6	353.5	14.15	25.975		
2,100.0	2,044.5	2,067.6	2,031.8	8.7	7.0	-122.71	204.7	270.2	375.8	361.2	14.56	25.806		
2,200.0	2,135.1	2,163.6	2,120.8	9.6	7.7	-122.47	213.6	305.0	403.8	387.8	16.00	25.241		
2,300.0	2,225.6	2,259.6	2,209.9	10.5	8.4	-122.27	222.6	339.7	431.8	414.3	17.45	24.744		
2,400.0	2,316.2	2,355.6	2,298.9	11.4	9.1	-122.09	231.5	374.4	459.8	440.9	18.92	24.304		
2,500.0	2,406.8	2,451.6	2,388.0	12.3	9.9	-121.93	240.4	409.1	487.8	467.4	20.40	23.914		
2,600.0	2,497.4	2,547.6	2,477.0	13.2	10.6	-121.78	249.4	443.8	515.8	493.9	21.89	23.566		
2,700.0	2,588.0	2,643.6	2,566.1	14.1	11.3	-121.66	258.3	478.5	543.8	520.4	23.38	23.255		
2,800.0	2,678.6	2,739.6	2,655.1	15.0	12.1	-121.54	267.3	513.2	571.8	546.9	24.89	22.975		
2,900.0	2,769.2	2,835.6	2,744.2	15.9	12.8	-121.44	276.2	547.9	599.8	573.4	26.40	22.723		
3,000.0	2,859.7	2,931.5	2,833.2	16.8	13.6	-121.34	285.2	582.7	627.8	599.9	27.91	22.495		
3,100.0	2,950.3	3,027.5	2,922.2	17.7	14.3	-121.26	294.1	617.4	655.9	626.4	29.43	22.287		
3,200.0	3,040.9	3,123.5	3,011.3	18.7	15.0	-121.18	303.1	652.1	683.9	652.9	30.95	22.098		
3,300.0	3,131.5	3,219.5	3,100.3	19.6	15.8	-121.10	312.0	686.8	711.9	679.4	32.47	21.924		
3,400.0	3,222.1	3,315.5	3,189.4	20.5	16.5	-121.03	320.9	721.5	739.9	705.9	34.00	21.765		
3,500.0	3,312.7	3,411.5	3,278.4	21.4	17.3	-120.97	329.9	756.2	767.9	732.4	35.52	21.617		
3,600.0	3,403.2	3,507.5	3,367.5	22.3	18.0	-120.91	338.8	790.9	796.0	758.9	37.05	21.481 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.15	104.9	0.3	104.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.15	104.9	0.3	104.9	104.7	0.22	466.854		
200.0	200.0	200.0	200.0	0.3	0.3	0.15	104.9	0.3	104.9	104.3	0.67	155.618		
300.0	300.0	300.0	300.0	0.6	0.6	0.15	104.9	0.3	104.9	103.8	1.12	93.371		
400.0	400.0	400.0	400.0	0.8	0.8	0.15	104.9	0.3	104.9	103.4	1.57	66.693 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-116.91	104.9	0.3	105.5	103.5	2.01	52.611		
600.0	599.9	599.9	599.9	1.2	1.2	-118.76	104.9	0.3	107.4	104.9	2.43	44.116		
700.0	699.7	699.5	699.5	1.4	1.4	-121.01	105.1	1.6	110.7	107.9	2.87	38.625		
800.0	799.3	799.2	799.1	1.7	1.7	-122.89	105.7	5.4	115.7	112.4	3.31	34.936		
900.0	898.6	898.9	898.6	1.9	1.9	-124.39	106.6	11.8	122.4	118.6	3.79	32.287		
1,000.0	997.5	998.6	997.8	2.2	2.1	-125.49	107.9	20.8	130.5	126.2	4.30	30.327		
1,100.0	1,096.1	1,098.2	1,096.8	2.6	2.4	-126.24	109.5	32.4	140.2	135.3	4.86	28.821		
1,200.0	1,194.2	1,197.7	1,195.3	3.0	2.7	-126.66	111.5	46.5	151.3	145.8	5.48	27.616		
1,300.0	1,291.7	1,297.1	1,293.3	3.4	3.0	-126.82	113.9	63.1	163.9	157.7	6.16	26.611		
1,400.0	1,388.6	1,396.4	1,390.6	3.9	3.3	-126.76	116.6	82.2	177.9	171.0	6.91	25.739		
1,500.0	1,484.9	1,495.4	1,487.3	4.4	3.7	-126.52	119.6	103.7	193.3	185.5	7.74	24.960		
1,600.0	1,580.4	1,594.3	1,583.1	5.0	4.2	-126.15	123.0	127.7	210.1	201.4	8.66	24.251		
1,700.0	1,675.0	1,692.9	1,678.0	5.6	4.7	-125.68	126.8	154.0	228.3	218.6	9.67	23.596		
1,800.0	1,768.9	1,791.2	1,772.0	6.3	5.2	-125.13	130.8	182.7	247.8	237.1	10.78	22.988		
1,900.0	1,861.7	1,889.2	1,864.9	7.1	5.8	-124.52	135.2	213.7	268.8	256.8	11.99	22.421		
2,000.0	1,953.6	1,986.9	1,956.7	7.9	6.5	-123.88	140.0	246.8	291.1	277.8	13.30	21.892		
2,070.9	2,018.1	2,056.0	2,021.0	8.5	6.9	-123.40	143.5	271.7	307.8	293.5	14.29	21.534		
2,100.0	2,044.5	2,084.3	2,047.2	8.7	7.2	-123.28	145.0	282.2	314.8	300.0	14.71	21.393		
2,200.0	2,135.1	2,181.4	2,136.8	9.6	7.9	-122.69	150.3	319.4	338.7	322.5	16.21	20.894		
2,300.0	2,225.6	2,278.4	2,226.2	10.5	8.6	-122.15	155.6	356.7	362.7	345.0	17.74	20.445		
2,400.0	2,316.2	2,375.4	2,315.6	11.4	9.4	-121.68	160.9	394.0	386.7	367.4	19.29	20.051		
2,500.0	2,406.8	2,472.5	2,405.0	12.3	10.2	-121.26	166.2	431.3	410.7	389.9	20.85	19.704		
2,600.0	2,497.4	2,569.5	2,494.4	13.2	10.9	-120.89	171.5	468.6	434.8	412.4	22.42	19.397		
2,700.0	2,588.0	2,666.5	2,583.8	14.1	11.7	-120.56	176.8	505.9	458.8	434.9	23.99	19.124		
2,800.0	2,678.6	2,763.6	2,673.3	15.0	12.5	-120.25	182.1	543.2	482.9	457.3	25.58	18.880		
2,900.0	2,769.2	2,860.6	2,762.7	15.9	13.3	-119.98	187.4	580.5	507.0	479.8	27.17	18.661		
3,000.0	2,859.7	2,957.6	2,852.1	16.8	14.1	-119.74	192.7	617.8	531.1	502.4	28.77	18.463		
3,100.0	2,950.3	3,054.6	2,941.5	17.7	14.9	-119.51	198.0	655.1	555.2	524.9	30.37	18.284		
3,200.0	3,040.9	3,151.7	3,030.9	18.7	15.7	-119.30	203.3	692.4	579.3	547.4	31.97	18.121		
3,300.0	3,131.5	3,248.7	3,120.3	19.6	16.5	-119.11	208.6	729.7	603.5	569.9	33.58	17.973		
3,400.0	3,222.1	3,345.7	3,209.7	20.5	17.3	-118.94	213.9	767.0	627.6	592.4	35.19	17.837		
3,500.0	3,312.7	3,442.8	3,299.1	21.4	18.1	-118.78	219.2	804.3	651.7	614.9	36.80	17.712		
3,600.0	3,403.2	3,539.8	3,388.6	22.3	18.9	-118.62	224.5	841.6	675.9	637.4	38.41	17.596		
3,700.0	3,493.8	3,636.8	3,478.0	23.2	19.7	-118.48	229.8	878.9	700.0	660.0	40.02	17.489		
3,800.0	3,584.4	3,733.8	3,567.4	24.2	20.5	-118.35	235.1	916.2	724.1	682.5	41.64	17.390		
3,900.0	3,675.0	3,830.9	3,656.8	25.1	21.3	-118.23	240.4	953.6	748.3	705.0	43.26	17.298		
4,000.0	3,765.6	3,927.9	3,746.2	26.0	22.1	-118.12	245.7	990.9	772.4	727.6	44.88	17.212		
4,100.0	3,856.2	4,024.9	3,835.6	26.9	22.9	-118.01	251.0	1,028.2	796.6	750.1	46.50	17.132 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.18	90.0	0.3	90.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.18	90.0	0.3	90.0	89.8	0.22	400.398		
200.0	200.0	200.0	200.0	0.3	0.3	0.18	90.0	0.3	90.0	89.3	0.67	133.466		
300.0	300.0	300.0	300.0	0.6	0.6	0.18	90.0	0.3	90.0	88.9	1.12	80.080		
400.0	400.0	400.0	400.0	0.8	0.8	0.18	90.0	0.3	90.0	88.4	1.57	57.200 CC, ES		
500.0	500.0	500.1	500.1	1.0	1.0	-116.17	90.0	1.6	90.5	88.5	1.99	45.425		
600.0	599.9	600.1	600.0	1.2	1.2	-115.89	89.8	5.5	92.2	89.8	2.41	38.305		
700.0	699.7	700.1	699.8	1.4	1.4	-115.46	89.6	12.1	94.9	92.0	2.85	33.269		
800.0	799.3	800.1	799.3	1.7	1.7	-114.89	89.3	21.2	98.7	95.3	3.34	29.570		
900.0	898.6	899.9	898.5	1.9	2.0	-114.22	89.0	32.9	103.6	99.7	3.87	26.751		
1,000.0	997.5	999.7	997.3	2.2	2.3	-113.47	88.5	47.2	109.6	105.1	4.47	24.530		
1,100.0	1,096.1	1,099.4	1,095.5	2.6	2.6	-112.69	88.0	64.1	116.7	111.5	5.13	22.734		
1,200.0	1,194.2	1,198.9	1,193.1	3.0	3.0	-111.89	87.4	83.5	124.9	119.0	5.88	21.251		
1,300.0	1,291.7	1,298.4	1,290.1	3.4	3.4	-111.09	86.7	105.4	134.1	127.4	6.70	20.006		
1,400.0	1,388.6	1,397.6	1,386.3	3.9	3.9	-110.31	85.9	129.7	144.5	136.9	7.63	18.949		
1,500.0	1,484.9	1,496.7	1,481.7	4.4	4.4	-109.56	85.1	156.6	156.0	147.3	8.64	18.044		
1,600.0	1,580.4	1,595.5	1,576.1	5.0	5.0	-108.84	84.2	185.8	168.5	158.7	9.76	17.261		
1,700.0	1,675.0	1,694.2	1,669.6	5.6	5.6	-108.16	83.2	217.3	182.0	171.1	10.98	16.582		
1,800.0	1,768.9	1,792.7	1,762.0	6.3	6.2	-107.52	82.1	251.2	196.7	184.4	12.30	15.987		
1,900.0	1,861.7	1,891.0	1,853.5	7.1	7.0	-106.93	81.0	287.4	212.3	198.6	13.73	15.467		
2,000.0	1,953.6	1,989.7	1,944.9	7.9	7.7	-106.83	79.8	324.3	228.8	213.6	15.23	15.028		
2,070.9	2,018.1	2,059.5	2,009.6	8.5	8.2	-107.11	79.0	350.5	241.0	224.7	16.32	14.768		
2,100.0	2,044.5	2,088.1	2,036.2	8.7	8.5	-107.35	78.7	361.2	246.0	229.3	16.77	14.671		
2,200.0	2,135.1	2,186.5	2,127.5	9.6	9.2	-108.08	77.5	398.0	263.5	245.2	18.34	14.369		
2,300.0	2,225.6	2,284.9	2,218.7	10.5	10.0	-108.73	76.4	434.9	281.0	261.1	19.91	14.110		
2,400.0	2,316.2	2,383.4	2,310.0	11.4	10.8	-109.30	75.2	471.7	298.5	277.0	21.50	13.886		
2,500.0	2,406.8	2,481.8	2,401.2	12.3	11.5	-109.81	74.1	508.6	316.1	293.0	23.09	13.691		
2,600.0	2,497.4	2,580.2	2,492.5	13.2	12.3	-110.26	72.9	545.4	333.6	308.9	24.68	13.519		
2,700.0	2,588.0	2,678.6	2,583.7	14.1	13.1	-110.67	71.7	582.3	351.2	324.9	26.27	13.368		
2,800.0	2,678.6	2,777.0	2,674.9	15.0	13.9	-111.04	70.6	619.1	368.8	340.9	27.87	13.233		
2,900.0	2,769.2	2,875.4	2,766.2	15.9	14.7	-111.37	69.4	656.0	386.4	357.0	29.47	13.113		
3,000.0	2,859.7	2,973.8	2,857.4	16.8	15.4	-111.68	68.3	692.8	404.1	373.0	31.07	13.005		
3,100.0	2,950.3	3,072.2	2,948.7	17.7	16.2	-111.96	67.1	729.7	421.7	389.0	32.67	12.907		
3,200.0	3,040.9	3,170.7	3,039.9	18.7	17.0	-112.22	66.0	766.5	439.3	405.1	34.27	12.819		
3,300.0	3,131.5	3,269.1	3,131.2	19.6	17.8	-112.46	64.8	803.4	457.0	421.1	35.88	12.738		
3,400.0	3,222.1	3,367.5	3,222.4	20.5	18.6	-112.68	63.7	840.2	474.7	437.2	37.48	12.664		
3,500.0	3,312.7	3,465.9	3,313.7	21.4	19.4	-112.88	62.5	877.1	492.3	453.2	39.09	12.596		
3,600.0	3,403.2	3,564.3	3,404.9	22.3	20.2	-113.07	61.3	913.9	510.0	469.3	40.69	12.533		
3,700.0	3,493.8	3,662.7	3,496.2	23.2	21.0	-113.25	60.2	950.8	527.7	485.4	42.30	12.476		
3,800.0	3,584.4	3,761.1	3,587.4	24.2	21.7	-113.42	59.0	987.6	545.4	501.5	43.90	12.422		
3,900.0	3,675.0	3,859.5	3,678.7	25.1	22.5	-113.57	57.9	1,024.5	563.1	517.5	45.51	12.372		
4,000.0	3,765.6	3,958.0	3,769.9	26.0	23.3	-113.72	56.7	1,061.3	580.7	533.6	47.12	12.326		
4,100.0	3,856.2	4,056.4	3,861.1	26.9	24.1	-113.86	55.6	1,098.2	598.4	549.7	48.72	12.283		
4,200.0	3,946.7	4,154.8	3,952.4	27.8	24.9	-113.99	54.4	1,135.0	616.1	565.8	50.33	12.242		
4,300.0	4,037.3	4,253.2	4,043.6	28.8	25.7	-114.11	53.3	1,171.9	633.8	581.9	51.94	12.204		
4,400.0	4,127.9	4,351.6	4,134.9	29.7	26.5	-114.22	52.1	1,208.7	651.5	598.0	53.54	12.169		
4,500.0	4,218.5	4,450.0	4,226.1	30.6	27.3	-114.33	50.9	1,245.5	669.2	614.1	55.15	12.135		
4,600.0	4,309.1	4,548.4	4,317.4	31.5	28.1	-114.44	49.8	1,282.4	687.0	630.2	56.76	12.103		
4,700.0	4,399.7	4,646.8	4,408.6	32.4	28.9	-114.54	48.6	1,319.2	704.7	646.3	58.37	12.073		
4,800.0	4,490.3	4,745.3	4,499.9	33.4	29.7	-114.63	47.5	1,356.1	722.4	662.4	59.97	12.045		
4,900.0	4,580.8	4,843.7	4,591.1	34.3	30.5	-114.72	46.3	1,392.9	740.1	678.5	61.58	12.018		
5,000.0	4,671.4	4,942.1	4,682.4	35.2	31.2	-114.81	45.2	1,429.8	757.8	694.6	63.19	11.993		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks 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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
5,100.0	4,762.0	5,040.5	4,773.6	36.1	32.0	-114.89	44.0	1,466.6	775.5	710.7	64.80	11.969	
5,127.0	4,786.4	5,067.0	4,798.2	36.4	32.3	-114.91	43.7	1,476.6	780.3	715.1	65.23	11.963	
5,200.0	4,853.0	5,139.0	4,864.9	37.0	32.8	-115.13	42.9	1,503.5	792.9	726.5	66.35	11.950 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.21	75.0	0.3	75.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.21	75.0	0.3	75.0	74.8	0.22	333.888		
200.0	200.0	200.0	200.0	0.3	0.3	0.21	75.0	0.3	75.0	74.4	0.67	111.296		
300.0	300.0	300.2	300.2	0.6	0.6	1.21	74.9	1.6	74.9	73.8	1.11	67.338		
400.0	400.0	400.2	400.2	0.8	0.8	4.22	74.5	5.5	74.7	73.1	1.55	48.026		
416.5	416.5	416.8	416.6	0.8	0.8	-111.55	74.4	6.4	74.6	73.0	1.63	45.885 CC, ES		
500.0	500.0	500.1	499.8	1.0	1.0	-108.15	73.7	12.0	75.1	73.1	2.00	37.604		
600.0	599.9	599.8	599.1	1.2	1.3	-104.08	72.7	21.1	76.8	74.3	2.46	31.241		
700.0	699.7	699.4	697.9	1.4	1.5	-100.20	71.4	32.7	79.8	76.8	2.96	26.908		
800.0	799.3	798.7	796.3	1.7	1.9	-96.64	69.8	46.8	84.0	80.4	3.52	23.839		
900.0	898.6	897.9	894.0	1.9	2.2	-93.49	67.9	63.4	89.3	85.2	4.14	21.584		
1,000.0	997.5	996.9	991.1	2.2	2.6	-90.78	65.7	82.6	95.8	91.0	4.82	19.874		
1,100.0	1,096.1	1,095.6	1,087.4	2.6	3.1	-88.51	63.2	104.1	103.4	97.8	5.58	18.538		
1,200.0	1,194.2	1,194.2	1,183.0	3.0	3.5	-86.64	60.5	128.1	111.9	105.5	6.41	17.463		
1,300.0	1,291.7	1,292.5	1,277.7	3.4	4.1	-85.13	57.5	154.5	121.3	114.0	7.32	16.578		
1,400.0	1,388.6	1,390.6	1,371.4	3.9	4.6	-83.94	54.2	183.1	131.6	123.3	8.31	15.831		
1,500.0	1,484.9	1,488.4	1,464.1	4.4	5.3	-83.01	50.7	214.1	142.8	133.4	9.40	15.189		
1,600.0	1,580.4	1,586.0	1,555.8	5.0	6.0	-82.29	46.9	247.4	154.8	144.2	10.58	14.627		
1,700.0	1,675.0	1,683.4	1,646.4	5.6	6.7	-81.76	42.9	282.9	167.5	155.7	11.85	14.133		
1,800.0	1,768.9	1,782.5	1,738.1	6.3	7.5	-81.75	38.7	320.1	180.5	167.2	13.24	13.631		
1,900.0	1,861.7	1,881.7	1,829.9	7.1	8.2	-82.49	34.4	357.4	193.1	178.4	14.73	13.112		
2,000.0	1,953.6	1,980.7	1,921.7	7.9	9.0	-83.86	30.2	394.6	205.5	189.1	16.31	12.596		
2,070.9	2,018.1	2,050.9	1,986.6	8.5	9.6	-85.14	27.2	420.9	214.2	196.7	17.49	12.243		
2,100.0	2,044.5	2,079.7	2,013.3	8.7	9.8	-85.76	26.0	431.8	217.8	199.8	17.99	12.105		
2,200.0	2,135.1	2,178.6	2,104.9	9.6	10.6	-87.73	21.7	468.9	230.3	210.6	19.70	11.689		
2,300.0	2,225.6	2,277.5	2,196.4	10.5	11.4	-89.50	17.5	506.1	243.0	221.6	21.41	11.350		
2,400.0	2,316.2	2,376.4	2,288.0	11.4	12.2	-91.10	13.3	543.2	256.0	232.9	23.13	11.070		
2,500.0	2,406.8	2,475.4	2,379.6	12.3	13.0	-92.54	9.1	580.4	269.2	244.3	24.84	10.837		
2,600.0	2,497.4	2,574.3	2,471.1	13.2	13.8	-93.84	4.8	617.6	282.4	255.9	26.55	10.640		
2,700.0	2,588.0	2,673.2	2,562.7	14.1	14.6	-95.03	0.6	654.7	295.9	267.6	28.25	10.474		
2,800.0	2,678.6	2,772.1	2,654.3	15.0	15.4	-96.11	-3.6	691.9	309.4	279.5	29.95	10.332		
2,900.0	2,769.2	2,871.0	2,745.9	15.9	16.2	-97.11	-7.8	729.0	323.1	291.4	31.64	10.209		
3,000.0	2,859.7	2,969.9	2,837.4	16.8	17.0	-98.02	-12.1	766.2	336.8	303.5	33.33	10.103		
3,100.0	2,950.3	3,068.9	2,929.0	17.7	17.8	-98.86	-16.3	803.4	350.6	315.6	35.02	10.011		
3,200.0	3,040.9	3,167.8	3,020.6	18.7	18.6	-99.64	-20.5	840.5	364.5	327.8	36.70	9.930		
3,300.0	3,131.5	3,266.7	3,112.2	19.6	19.4	-100.36	-24.7	877.7	378.4	340.0	38.38	9.859		
3,400.0	3,222.1	3,365.6	3,203.7	20.5	20.2	-101.03	-29.0	914.8	392.4	352.4	40.06	9.796		
3,500.0	3,312.7	3,464.5	3,295.3	21.4	21.0	-101.65	-33.2	952.0	406.5	364.7	41.73	9.740		
3,600.0	3,403.2	3,563.4	3,386.9	22.3	21.8	-102.23	-37.4	989.1	420.5	377.1	43.40	9.690		
3,700.0	3,493.8	3,662.4	3,478.5	23.2	22.6	-102.78	-41.6	1,026.3	434.7	389.6	45.07	9.645		
3,800.0	3,584.4	3,761.3	3,570.0	24.2	23.4	-103.29	-45.9	1,063.5	448.8	402.1	46.73	9.604		
3,900.0	3,675.0	3,860.2	3,661.6	25.1	24.2	-103.77	-50.1	1,100.6	463.0	414.6	48.39	9.568		
4,000.0	3,765.6	3,959.1	3,753.2	26.0	25.0	-104.22	-54.3	1,137.8	477.3	427.2	50.05	9.535		
4,100.0	3,856.2	4,058.0	3,844.7	26.9	25.8	-104.64	-58.5	1,174.9	491.5	439.8	51.71	9.505		
4,200.0	3,946.7	4,156.9	3,936.3	27.8	26.6	-105.04	-62.8	1,212.1	505.8	452.4	53.36	9.478		
4,300.0	4,037.3	4,255.8	4,027.9	28.8	27.5	-105.42	-67.0	1,249.3	520.1	465.1	55.02	9.453		
4,400.0	4,127.9	4,354.8	4,119.5	29.7	28.3	-105.78	-71.2	1,286.4	534.4	477.7	56.67	9.430		
4,500.0	4,218.5	4,453.7	4,211.0	30.6	29.1	-106.12	-75.5	1,323.6	548.7	490.4	58.32	9.410		
4,600.0	4,309.1	4,552.6	4,302.6	31.5	29.9	-106.44	-79.7	1,360.7	563.1	503.1	59.97	9.390		
4,700.0	4,399.7	4,651.5	4,394.2	32.4	30.7	-106.75	-83.9	1,397.9	577.5	515.9	61.61	9.373		
4,800.0	4,490.3	4,750.4	4,485.8	33.4	31.5	-107.04	-88.1	1,435.1	591.9	528.6	63.26	9.357		
4,900.0	4,580.8	4,849.3	4,577.3	34.3	32.3	-107.31	-92.4	1,472.2	606.3	541.4	64.90	9.342		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,671.4	4,948.3	4,668.9	35.2	33.1	-107.58	-96.6	1,509.4	620.7	554.1	66.54	9.328		
5,100.0	4,762.0	5,047.2	4,760.5	36.1	33.9	-107.83	-100.8	1,546.5	635.1	566.9	68.18	9.315		
5,127.0	4,786.4	5,073.8	4,785.2	36.4	34.1	-107.90	-101.9	1,556.5	639.0	570.4	68.63	9.311		
5,200.0	4,853.0	5,146.1	4,852.1	37.0	34.7	-108.19	-105.0	1,583.7	649.3	579.5	69.77	9.306		
5,300.0	4,945.3	5,245.3	4,944.0	37.6	35.5	-108.33	-109.3	1,620.8	662.4	591.2	71.21	9.303		
5,400.0	5,038.9	5,344.7	5,037.0	38.3	36.1	-108.39	-113.2	1,655.6	674.4	601.9	72.47	9.306		
5,500.0	5,133.7	5,444.3	5,131.4	38.8	36.7	-108.45	-116.8	1,687.3	685.3	611.7	73.57	9.315		
5,600.0	5,229.5	5,544.1	5,227.0	39.3	37.2	-108.50	-120.0	1,715.7	695.1	620.5	74.56	9.322		
5,700.0	5,326.3	5,644.1	5,323.7	39.7	37.6	-108.55	-122.9	1,740.8	703.7	628.3	75.44	9.328		
5,800.0	5,423.8	5,744.2	5,421.4	40.1	38.0	-108.59	-125.4	1,762.6	711.2	635.0	76.21	9.332		
5,900.0	5,522.1	5,844.5	5,519.9	40.4	38.3	-108.62	-127.5	1,781.0	717.5	640.6	76.86	9.334		
6,000.0	5,621.0	5,944.8	5,619.1	40.7	38.6	-108.65	-129.2	1,796.0	722.6	645.2	77.41	9.335		
6,100.0	5,720.3	6,045.2	5,718.8	40.9	38.8	-108.67	-130.5	1,807.5	726.5	648.7	77.85	9.332		
6,200.0	5,820.0	6,145.7	5,819.0	41.1	39.0	-108.69	-131.4	1,815.6	729.3	651.1	78.19	9.327		
6,300.0	5,919.9	6,246.3	5,919.4	41.2	39.1	-108.70	-131.9	1,820.2	730.8	652.4	78.42	9.319		
6,380.1	6,000.0	6,326.9	6,000.0	41.3	39.2	7.74	-132.1	1,821.3	731.2	692.1	39.08	18.710		
6,400.0	6,019.9	6,346.7	6,019.9	41.3	39.2	7.74	-132.1	1,821.3	731.2	692.1	39.13	18.685		
6,500.0	6,119.9	6,446.7	6,119.9	41.3	39.2	7.74	-132.1	1,821.3	731.2	691.8	39.39	18.565		
6,600.0	6,219.9	6,546.7	6,219.9	41.4	39.3	7.74	-132.1	1,821.3	731.2	691.6	39.64	18.445		
6,700.0	6,319.9	6,646.7	6,319.9	41.5	39.4	7.74	-132.1	1,821.3	731.2	691.3	39.90	18.326		
6,800.0	6,419.9	6,746.7	6,419.9	41.5	39.5	7.74	-132.1	1,821.3	731.2	691.0	40.16	18.206		
6,813.1	6,433.0	6,759.9	6,433.0	41.5	39.5	7.74	-132.1	1,821.3	731.2	691.0	40.20	18.190		
6,850.0	6,469.9	6,796.7	6,469.9	41.6	39.5	98.44	-132.1	1,821.3	731.3	652.1	79.23	9.231		
6,900.0	6,519.7	6,846.5	6,519.7	41.5	39.5	98.72	-132.1	1,821.3	732.0	652.7	79.29	9.232		
6,950.0	6,569.0	6,895.9	6,569.0	41.5	39.6	99.22	-132.1	1,821.3	733.2	653.9	79.32	9.243		
7,000.0	6,617.8	6,944.6	6,617.8	41.4	39.6	99.91	-132.1	1,821.3	735.1	655.8	79.33	9.267		
7,050.0	6,665.6	6,996.9	6,670.0	41.3	39.6	100.85	-132.1	1,820.9	737.8	658.5	79.30	9.304		
7,100.0	6,712.3	7,057.7	6,730.6	41.2	39.6	101.95	-132.1	1,816.5	740.8	661.6	79.17	9.357		
7,150.0	6,757.6	7,120.3	6,792.5	41.1	39.6	103.00	-132.2	1,806.6	743.9	665.0	78.89	9.429		
7,200.0	6,801.3	7,184.9	6,855.0	40.9	39.5	103.99	-132.4	1,790.7	746.9	668.4	78.50	9.515		
7,250.0	6,843.3	7,251.3	6,917.6	40.8	39.3	104.91	-132.6	1,768.6	749.9	671.9	77.99	9.615		
7,300.0	6,883.2	7,319.5	6,979.5	40.7	39.1	105.75	-132.9	1,740.0	752.8	675.4	77.40	9.726		
7,350.0	6,921.0	7,389.4	7,039.8	40.5	38.9	106.49	-133.3	1,704.7	755.4	678.6	76.75	9.842		
7,400.0	6,956.3	7,460.9	7,097.6	40.4	38.7	107.12	-133.8	1,662.6	757.6	681.6	76.07	9.959		
7,450.0	6,989.2	7,533.7	7,151.8	40.3	38.5	107.63	-134.3	1,614.1	759.5	684.1	75.41	10.072		
7,500.0	7,019.3	7,607.6	7,201.6	40.3	38.3	108.01	-134.9	1,559.5	761.0	686.2	74.81	10.172		
7,550.0	7,046.5	7,682.3	7,245.8	40.2	38.2	108.25	-135.6	1,499.4	761.9	687.6	74.30	10.255		
7,600.0	7,070.8	7,757.4	7,283.8	40.2	38.2	108.35	-136.3	1,434.7	762.3	688.3	73.92	10.313		
7,650.0	7,091.9	7,832.6	7,314.8	40.2	38.3	108.30	-137.0	1,366.2	762.1	688.4	73.70	10.341		
7,700.0	7,109.9	7,907.4	7,338.4	40.2	38.5	108.11	-137.8	1,295.2	761.4	687.7	73.66	10.337		
7,750.0	7,124.5	7,981.6	7,354.3	40.3	38.7	107.77	-138.6	1,222.8	760.1	686.3	73.81	10.299		
7,800.0	7,135.8	8,054.9	7,362.6	40.4	39.0	107.30	-139.4	1,150.0	758.4	684.3	74.14	10.230		
7,850.0	7,143.6	8,118.2	7,364.0	40.5	39.4	106.82	-140.1	1,086.7	756.4	681.8	74.56	10.144		
7,900.0	7,148.0	8,168.0	7,364.1	40.7	39.7	106.61	-140.6	1,036.9	755.2	680.2	74.94	10.077		
7,936.7	7,149.0	8,204.7	7,364.1	40.8	39.9	106.56	-141.0	1,000.2	754.9	679.7	75.22	10.036		
7,937.8	7,149.0	8,205.8	7,364.1	40.8	40.0	106.56	-141.0	999.1	754.9	679.7	75.23	10.034		
7,937.9	7,149.0	8,205.9	7,364.1	40.8	40.0	106.56	-141.0	999.1	754.9	679.7	75.23	10.034		
7,938.7	7,149.0	8,206.7	7,364.1	40.8	40.0	106.56	-141.1	998.3	754.9	679.6	75.24	10.033		
8,000.0	7,149.0	8,268.0	7,364.2	41.1	40.5	106.56	-141.7	936.9	754.9	678.7	76.21	9.906		
8,100.0	7,149.0	8,368.0	7,364.3	41.7	41.4	106.57	-142.8	836.9	755.0	676.9	78.03	9.675		
8,200.0	7,149.0	8,468.0	7,364.4	42.4	42.5	106.57	-143.9	736.9	755.0	674.8	80.17	9.417		
8,300.0	7,149.0	8,568.0	7,364.5	43.4	43.8	106.58	-145.0	636.9	755.0	672.4	82.61	9.140		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	7,149.0	8,668.0	7,364.5	44.4	45.2	106.59	-146.1	536.9	755.1	669.7	85.32	8.850		
8,500.0	7,149.0	8,768.0	7,364.6	45.7	46.8	106.59	-147.2	436.9	755.1	666.8	88.28	8.554		
8,600.0	7,149.0	8,868.0	7,364.7	47.1	48.4	106.60	-148.3	337.0	755.1	663.7	91.46	8.257		
8,700.0	7,149.0	8,968.0	7,364.8	48.6	50.2	106.61	-149.4	237.0	755.2	660.3	94.84	7.963		
8,800.0	7,149.0	9,068.0	7,364.9	50.3	52.0	106.61	-150.5	137.0	755.2	656.8	98.40	7.675		
8,900.0	7,149.0	9,168.0	7,365.0	52.1	54.0	106.62	-151.6	37.0	755.3	653.1	102.13	7.395		
9,000.0	7,149.0	9,268.0	7,365.1	54.0	56.0	106.63	-152.7	-63.0	755.3	649.3	105.99	7.126		
9,100.0	7,149.0	9,368.0	7,365.2	56.0	58.1	106.63	-153.8	-163.0	755.3	645.3	109.99	6.867		
9,200.0	7,149.0	9,468.0	7,365.3	58.0	60.2	106.64	-154.9	-263.0	755.4	641.3	114.10	6.620		
9,300.0	7,149.0	9,568.0	7,365.4	60.1	62.4	106.65	-156.0	-363.0	755.4	637.1	118.31	6.385		
9,400.0	7,149.0	9,668.0	7,365.5	62.3	64.6	106.65	-157.1	-463.0	755.4	632.8	122.62	6.161		
9,500.0	7,149.0	9,768.0	7,365.6	64.6	66.9	106.66	-158.2	-563.0	755.5	628.5	127.01	5.948		
9,600.0	7,149.0	9,868.0	7,365.7	66.9	69.2	106.67	-159.3	-663.0	755.5	624.1	131.47	5.747		
9,700.0	7,149.0	9,968.0	7,365.8	69.2	71.6	106.68	-160.4	-763.0	755.6	619.6	136.00	5.556		
9,800.0	7,149.0	10,068.0	7,365.9	71.6	74.0	106.68	-161.5	-863.0	755.6	615.0	140.59	5.374		
9,900.0	7,149.0	10,168.0	7,366.0	74.0	76.4	106.69	-162.6	-963.0	755.6	610.4	145.24	5.203		
10,000.0	7,149.0	10,268.0	7,366.1	76.4	78.9	106.70	-163.7	-1,063.0	755.7	605.7	149.94	5.040		
10,100.0	7,149.0	10,368.0	7,366.2	78.8	81.3	106.70	-164.8	-1,163.0	755.7	601.0	154.68	4.886		
10,200.0	7,149.0	10,468.0	7,366.3	81.3	83.8	106.71	-165.9	-1,262.9	755.8	596.3	159.46	4.739		
10,300.0	7,149.0	10,568.0	7,366.4	83.8	86.3	106.72	-167.0	-1,362.9	755.8	591.5	164.28	4.601		
10,400.0	7,149.0	10,668.0	7,366.5	86.4	88.9	106.72	-168.1	-1,462.9	755.8	586.7	169.13	4.469		
10,500.0	7,149.0	10,768.0	7,366.6	88.9	91.4	106.73	-169.2	-1,562.9	755.9	581.9	174.02	4.344		
10,600.0	7,149.0	10,868.0	7,366.7	91.5	94.0	106.74	-170.3	-1,662.9	755.9	577.0	178.93	4.225		
10,700.0	7,149.0	10,968.0	7,366.8	94.0	96.5	106.74	-171.4	-1,762.9	755.9	572.1	183.87	4.111		
10,800.0	7,149.0	11,068.0	7,366.9	96.6	99.1	106.75	-172.5	-1,862.9	756.0	567.2	188.84	4.003		
10,900.0	7,149.0	11,168.0	7,367.0	99.2	101.7	106.76	-173.6	-1,962.9	756.0	562.2	193.82	3.901		
11,000.0	7,149.0	11,268.0	7,367.1	101.8	104.3	106.76	-174.7	-2,062.9	756.1	557.2	198.83	3.803		
11,100.0	7,149.0	11,368.0	7,367.2	104.5	106.9	106.77	-175.8	-2,162.9	756.1	552.2	203.86	3.709		
11,200.0	7,149.0	11,468.0	7,367.3	107.1	109.6	106.78	-176.9	-2,262.9	756.1	547.2	208.90	3.620		
11,300.0	7,149.0	11,568.0	7,367.3	109.7	112.2	106.78	-178.0	-2,362.9	756.2	542.2	213.96	3.534		
11,400.0	7,149.0	11,668.0	7,367.4	112.4	114.9	106.79	-179.1	-2,462.9	756.2	537.2	219.04	3.452		
11,500.0	7,149.0	11,768.0	7,367.5	115.0	117.5	106.80	-180.2	-2,562.9	756.3	532.1	224.13	3.374		
11,600.0	7,149.0	11,868.0	7,367.6	117.7	120.2	106.80	-181.3	-2,662.9	756.3	527.1	229.23	3.299		
11,700.0	7,149.0	11,968.0	7,367.7	120.4	122.8	106.81	-182.4	-2,762.9	756.3	522.0	234.35	3.227		
11,800.0	7,149.0	12,068.0	7,367.8	123.1	125.5	106.82	-183.5	-2,862.9	756.4	516.9	239.48	3.158		
11,900.0	7,149.0	12,168.0	7,367.9	125.7	128.2	106.82	-184.6	-2,962.8	756.4	511.8	244.62	3.092		
12,000.0	7,149.0	12,268.0	7,368.0	128.4	130.9	106.83	-185.7	-3,062.8	756.5	506.7	249.76	3.029		
12,100.0	7,149.0	12,368.0	7,368.1	131.1	133.6	106.84	-186.8	-3,162.8	756.5	501.6	254.92	2.968		
12,200.0	7,149.0	12,468.0	7,368.2	133.8	136.3	106.84	-187.9	-3,262.8	756.5	496.4	260.09	2.909		
12,300.0	7,149.0	12,568.0	7,368.3	136.5	139.0	106.85	-189.0	-3,362.8	756.6	491.3	265.26	2.852		
12,400.0	7,149.0	12,668.0	7,368.4	139.2	141.7	106.86	-190.1	-3,462.8	756.6	486.2	270.45	2.798		
12,500.0	7,149.0	12,768.0	7,368.5	142.0	144.4	106.86	-191.2	-3,562.8	756.6	481.0	275.64	2.745		
12,600.0	7,149.0	12,868.0	7,368.6	144.7	147.1	106.87	-192.3	-3,662.8	756.7	475.9	280.83	2.694		
12,700.0	7,149.0	12,968.0	7,368.7	147.4	149.8	106.88	-193.4	-3,762.8	756.7	470.7	286.04	2.646		
12,800.0	7,149.0	13,068.0	7,368.8	150.1	152.5	106.88	-194.5	-3,862.8	756.8	465.5	291.25	2.598		
12,900.0	7,149.0	13,168.0	7,368.9	152.8	155.2	106.89	-195.6	-3,962.8	756.8	460.3	296.46	2.553		
13,000.0	7,149.0	13,268.0	7,369.0	155.6	158.0	106.90	-196.6	-4,062.8	756.8	455.2	301.68	2.509		
13,100.0	7,149.0	13,368.0	7,369.1	158.3	160.7	106.90	-197.7	-4,162.8	756.9	450.0	306.91	2.466		
13,200.0	7,149.0	13,468.0	7,369.2	161.0	163.4	106.91	-198.8	-4,262.8	756.9	444.8	312.14	2.425		
13,300.0	7,149.0	13,568.0	7,369.3	163.8	166.2	106.92	-199.9	-4,362.8	757.0	439.6	317.38	2.385		
13,400.0	7,149.0	13,668.0	7,369.4	166.5	168.9	106.93	-201.0	-4,462.8	757.0	434.4	322.62	2.346		
13,500.0	7,149.0	13,768.0	7,369.5	169.3	171.6	106.93	-202.1	-4,562.7	757.0	429.2	327.86	2.309		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.0	7,149.0	13,868.0	7,369.6	172.0	174.4	106.94	-203.2	-4,662.7	757.1	424.0	333.11	2.273		
13,700.0	7,149.0	13,968.0	7,369.7	174.7	177.1	106.95	-204.3	-4,762.7	757.1	418.7	338.36	2.238		
13,800.0	7,149.0	14,068.0	7,369.8	177.5	179.9	106.95	-205.4	-4,862.7	757.1	413.5	343.62	2.203		
13,900.0	7,149.0	14,168.0	7,369.9	180.2	182.6	106.96	-206.5	-4,962.7	757.2	408.3	348.88	2.170		
14,000.0	7,149.0	14,268.0	7,370.0	183.0	185.4	106.97	-207.6	-5,062.7	757.2	403.1	354.14	2.138		
14,100.0	7,149.0	14,368.0	7,370.1	185.7	188.1	106.97	-208.7	-5,162.7	757.3	397.9	359.40	2.107		
14,200.0	7,149.0	14,468.0	7,370.1	188.5	190.9	106.98	-209.8	-5,262.7	757.3	392.6	364.67	2.077		
14,300.0	7,149.0	14,568.0	7,370.2	191.3	193.6	106.99	-210.9	-5,362.7	757.3	387.4	369.94	2.047		
14,400.0	7,149.0	14,668.0	7,370.3	194.0	196.4	106.99	-212.0	-5,462.7	757.4	382.2	375.22	2.019		
14,500.0	7,149.0	14,768.0	7,370.4	196.8	199.1	107.00	-213.1	-5,562.7	757.4	376.9	380.49	1.991		
14,600.0	7,149.0	14,868.0	7,370.5	199.5	201.9	107.01	-214.2	-5,662.7	757.5	371.7	385.77	1.963		
14,700.0	7,149.0	14,968.0	7,370.6	202.3	204.6	107.01	-215.3	-5,762.7	757.5	366.4	391.05	1.937		
14,800.0	7,149.0	15,068.0	7,370.7	205.1	207.4	107.02	-216.4	-5,862.7	757.5	361.2	396.34	1.911		
14,900.0	7,149.0	15,168.0	7,370.8	207.8	210.2	107.03	-217.5	-5,962.7	757.6	356.0	401.62	1.886		
15,000.0	7,149.0	15,268.0	7,370.9	210.6	212.9	107.03	-218.6	-6,062.7	757.6	350.7	406.91	1.862		
15,100.0	7,149.0	15,368.0	7,371.0	213.4	215.7	107.04	-219.7	-6,162.6	757.7	345.5	412.20	1.838		
15,200.0	7,149.0	15,468.0	7,371.1	216.1	218.5	107.05	-220.8	-6,262.6	757.7	340.2	417.49	1.815		
15,300.0	7,149.0	15,568.0	7,371.2	218.9	221.2	107.05	-221.9	-6,362.6	757.7	335.0	422.78	1.792		
15,400.0	7,149.0	15,668.0	7,371.3	221.7	224.0	107.06	-223.0	-6,462.6	757.8	329.7	428.08	1.770		
15,500.0	7,149.0	15,768.0	7,371.4	224.4	226.8	107.07	-224.1	-6,562.6	757.8	324.4	433.37	1.749		
15,600.0	7,149.0	15,868.0	7,371.5	227.2	229.5	107.07	-225.2	-6,662.6	757.9	319.2	438.67	1.728		
15,700.0	7,149.0	15,968.0	7,371.6	230.0	232.3	107.08	-226.3	-6,762.6	757.9	313.9	443.97	1.707		
15,800.0	7,149.0	16,068.0	7,371.7	232.8	235.1	107.09	-227.4	-6,862.6	757.9	308.7	449.27	1.687		
15,900.0	7,149.0	16,168.0	7,371.8	235.5	237.9	107.09	-228.5	-6,962.6	758.0	303.4	454.57	1.667		
16,000.0	7,149.0	16,268.0	7,371.9	238.3	240.6	107.10	-229.6	-7,062.6	758.0	298.1	459.87	1.648		
16,100.0	7,149.0	16,368.0	7,372.0	241.1	243.4	107.11	-230.7	-7,162.6	758.0	292.9	465.18	1.630		
16,200.0	7,149.0	16,468.0	7,372.1	243.9	246.2	107.11	-231.8	-7,262.6	758.1	287.6	470.48	1.611		
16,300.0	7,149.0	16,568.0	7,372.2	246.7	249.0	107.12	-232.9	-7,362.6	758.1	282.3	475.79	1.593		
16,400.0	7,149.0	16,668.0	7,372.3	249.4	251.7	107.13	-234.0	-7,462.6	758.2	277.1	481.10	1.576		
16,500.0	7,149.0	16,768.0	7,372.4	252.2	254.5	107.13	-235.1	-7,562.6	758.2	271.8	486.40	1.559		
16,600.0	7,149.0	16,868.0	7,372.5	255.0	257.3	107.14	-236.2	-7,662.6	758.2	266.5	491.71	1.542		
16,700.0	7,149.0	16,968.0	7,372.6	257.8	260.1	107.15	-237.3	-7,762.6	758.3	261.3	497.02	1.526		
16,800.0	7,149.0	17,068.0	7,372.7	260.6	262.9	107.15	-238.4	-7,862.5	758.3	256.0	502.33	1.510		
16,900.0	7,149.0	17,168.0	7,372.8	263.3	265.6	107.16	-239.5	-7,962.5	758.4	250.7	507.65	1.494 Level 3		
17,000.0	7,149.0	17,268.0	7,372.9	266.1	268.4	107.17	-240.6	-8,062.5	758.4	245.4	512.96	1.478 Level 3		
17,100.0	7,149.0	17,368.0	7,372.9	268.9	271.2	107.17	-241.7	-8,162.5	758.4	240.2	518.27	1.463 Level 3		
17,200.0	7,149.0	17,468.0	7,373.0	271.7	274.0	107.18	-242.8	-8,262.5	758.5	234.9	523.59	1.449 Level 3		
17,300.0	7,149.0	17,568.0	7,373.1	274.5	276.8	107.19	-243.9	-8,362.5	758.5	229.6	528.90	1.434 Level 3		
17,400.0	7,149.0	17,668.0	7,373.2	277.3	279.5	107.19	-245.0	-8,462.5	758.6	224.3	534.22	1.420 Level 3		
17,500.0	7,149.0	17,768.0	7,373.3	280.0	282.3	107.20	-246.1	-8,562.5	758.6	219.1	539.53	1.406 Level 3		
17,600.0	7,149.0	17,868.0	7,373.4	282.8	285.1	107.21	-247.2	-8,662.5	758.6	213.8	544.85	1.392 Level 3		
17,700.0	7,149.0	17,968.0	7,373.5	285.6	287.9	107.21	-248.3	-8,762.5	758.7	208.5	550.17	1.379 Level 3		
17,800.0	7,149.0	18,068.0	7,373.6	288.4	290.7	107.22	-249.4	-8,862.5	758.7	203.2	555.48	1.366 Level 3		
17,900.0	7,149.0	18,168.0	7,373.7	291.2	293.5	107.23	-250.5	-8,962.5	758.8	197.9	560.80	1.353 Level 3		
18,000.0	7,149.0	18,268.0	7,373.8	294.0	296.3	107.23	-251.6	-9,062.5	758.8	192.7	566.12	1.340 Level 3		
18,100.0	7,149.0	18,368.0	7,373.9	296.8	299.0	107.24	-252.7	-9,162.5	758.8	187.4	571.44	1.328 Level 3		
18,155.2	7,149.0	18,423.3	7,374.0	298.3	300.6	107.24	-253.3	-9,217.7	758.9	184.5	574.38	1.321 Level 3		
18,200.0	7,149.0	18,456.8	7,374.0	299.5	301.5	107.25	-253.6	-9,251.2	759.0	182.5	576.46	1.317 Level 3		
18,220.4	7,149.0	18,456.8	7,374.0	300.1	301.5	107.25	-253.6	-9,251.2	759.5	182.5	577.01	1.316 Level 3, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.26	60.1	0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.26	60.1	0.3	60.1	59.9	0.22	267.450		
200.0	200.0	200.0	200.0	0.3	0.3	0.26	60.1	0.3	60.1	59.4	0.67	89.150		
300.0	300.0	300.0	300.0	0.6	0.6	0.26	60.1	0.3	60.1	59.0	1.12	53.490		
400.0	400.0	400.0	400.0	0.8	0.8	0.26	60.1	0.3	60.1	58.5	1.57	38.207 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-117.27	60.1	0.3	60.7	58.7	2.01	30.265		
600.0	599.9	599.9	599.9	1.2	1.2	-120.44	60.1	0.3	62.6	60.2	2.43	25.722		
700.0	699.7	700.2	700.2	1.4	1.4	-124.22	59.9	1.6	65.8	62.9	2.86	22.969		
800.0	799.3	800.6	800.5	1.7	1.7	-127.29	59.3	5.5	69.9	66.6	3.30	21.178		
900.0	898.6	901.1	900.8	1.9	1.9	-129.67	58.4	12.0	75.0	71.2	3.77	19.890		
1,000.0	997.5	1,001.7	1,000.9	2.2	2.1	-131.42	57.0	21.1	80.8	76.5	4.27	18.926		
1,100.0	1,096.1	1,102.3	1,100.9	2.6	2.4	-132.60	55.3	32.9	87.4	82.5	4.81	18.166		
1,200.0	1,194.2	1,203.1	1,200.6	3.0	2.7	-133.32	53.1	47.3	94.6	89.2	5.40	17.531		
1,300.0	1,291.7	1,303.9	1,299.9	3.4	3.0	-133.64	50.6	64.3	102.5	96.5	6.04	16.969		
1,400.0	1,388.6	1,404.8	1,398.9	3.9	3.4	-133.66	47.7	83.8	111.1	104.3	6.75	16.447		
1,500.0	1,484.9	1,505.7	1,497.2	4.4	3.8	-133.42	44.4	106.0	120.3	112.7	7.54	15.947		
1,600.0	1,580.4	1,606.7	1,595.1	5.0	4.2	-132.98	40.8	130.7	130.1	121.7	8.42	15.458		
1,700.0	1,675.0	1,707.6	1,692.2	5.6	4.8	-132.40	36.7	158.0	140.6	131.2	9.39	14.979		
1,800.0	1,768.9	1,808.6	1,788.6	6.3	5.3	-131.71	32.3	187.9	151.8	141.3	10.46	14.509		
1,900.0	1,861.7	1,909.7	1,884.1	7.1	6.0	-130.93	27.5	220.2	163.5	151.9	11.64	14.050		
2,000.0	1,953.6	2,010.7	1,978.8	7.9	6.6	-130.09	22.3	255.0	176.0	163.0	12.93	13.606		
2,070.9	2,018.1	2,082.2	2,045.3	8.5	7.2	-129.47	18.4	281.2	185.2	171.3	13.92	13.301		
2,100.0	2,044.5	2,111.7	2,072.5	8.7	7.4	-129.22	16.8	292.3	189.0	174.7	14.35	13.172		
2,200.0	2,135.1	2,212.0	2,164.7	9.6	8.2	-128.07	11.0	331.6	201.6	185.7	15.90	12.680		
2,300.0	2,225.6	2,311.2	2,255.5	10.5	9.0	-126.92	5.1	370.9	214.0	196.5	17.49	12.236		
2,400.0	2,316.2	2,410.3	2,346.3	11.4	9.8	-125.90	-0.7	410.3	226.5	207.4	19.11	11.854		
2,500.0	2,406.8	2,509.4	2,437.1	12.3	10.6	-124.99	-6.5	449.6	239.1	218.3	20.75	11.524		
2,600.0	2,497.4	2,608.6	2,528.0	13.2	11.5	-124.17	-12.4	488.9	251.7	229.3	22.40	11.236		
2,700.0	2,588.0	2,707.7	2,618.8	14.1	12.3	-123.43	-18.2	528.2	264.4	240.3	24.07	10.985		
2,800.0	2,678.6	2,806.8	2,709.6	15.0	13.1	-122.76	-24.0	567.5	277.1	251.4	25.75	10.763		
2,900.0	2,769.2	2,906.0	2,800.4	15.9	14.0	-122.14	-29.9	606.8	289.9	262.4	27.43	10.566		
3,000.0	2,859.7	3,005.1	2,891.2	16.8	14.8	-121.58	-35.7	646.1	302.7	273.5	29.13	10.391		
3,100.0	2,950.3	3,104.3	2,982.1	17.7	15.7	-121.07	-41.5	685.4	315.5	284.6	30.83	10.234		
3,200.0	3,040.9	3,203.4	3,072.9	18.7	16.5	-120.59	-47.3	724.7	328.3	295.8	32.53	10.093		
3,300.0	3,131.5	3,302.5	3,163.7	19.6	17.4	-120.15	-53.2	764.1	341.2	306.9	34.24	9.965		
3,400.0	3,222.1	3,401.7	3,254.5	20.5	18.2	-119.74	-59.0	803.4	354.0	318.1	35.95	9.849		
3,500.0	3,312.7	3,500.8	3,345.4	21.4	19.1	-119.36	-64.8	842.7	366.9	329.3	37.66	9.743		
3,600.0	3,403.2	3,599.9	3,436.2	22.3	19.9	-119.01	-70.7	882.0	379.8	340.4	39.38	9.646		
3,700.0	3,493.8	3,699.1	3,527.0	23.2	20.8	-118.67	-76.5	921.3	392.7	351.6	41.09	9.557		
3,800.0	3,584.4	3,798.2	3,617.8	24.2	21.6	-118.36	-82.3	960.6	405.7	362.8	42.81	9.475		
3,900.0	3,675.0	3,897.4	3,708.7	25.1	22.5	-118.07	-88.2	999.9	418.6	374.1	44.54	9.399		
4,000.0	3,765.6	3,996.5	3,799.5	26.0	23.4	-117.80	-94.0	1,039.2	431.5	385.3	46.26	9.329		
4,100.0	3,856.2	4,095.6	3,890.3	26.9	24.2	-117.54	-99.8	1,078.5	444.5	396.5	47.98	9.264		
4,200.0	3,946.7	4,194.8	3,981.1	27.8	25.1	-117.30	-105.7	1,117.9	457.5	407.8	49.71	9.203		
4,300.0	4,037.3	4,293.9	4,072.0	28.8	25.9	-117.07	-111.5	1,157.2	470.4	419.0	51.44	9.146		
4,400.0	4,127.9	4,393.0	4,162.8	29.7	26.8	-116.85	-117.3	1,196.5	483.4	430.3	53.16	9.093		
4,500.0	4,218.5	4,492.2	4,253.6	30.6	27.7	-116.65	-123.1	1,235.8	496.4	441.5	54.89	9.044		
4,600.0	4,309.1	4,591.3	4,344.4	31.5	28.5	-116.45	-129.0	1,275.1	509.4	452.8	56.62	8.997		
4,700.0	4,399.7	4,690.5	4,435.2	32.4	29.4	-116.27	-134.8	1,314.4	522.4	464.1	58.35	8.953		
4,800.0	4,490.3	4,789.6	4,526.1	33.4	30.2	-116.09	-140.6	1,353.7	535.4	475.3	60.08	8.912		
4,900.0	4,580.8	4,888.7	4,616.9	34.3	31.1	-115.92	-146.5	1,393.0	548.4	486.6	61.81	8.873		
5,000.0	4,671.4	4,987.9	4,707.7	35.2	32.0	-115.76	-152.3	1,432.3	561.4	497.9	63.54	8.836		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,762.0	5,087.0	4,798.5	36.1	32.8	-115.61	-158.1	1,471.7	574.5	509.2	65.27	8.801		
5,127.0	4,786.4	5,113.7	4,823.0	36.4	33.1	-115.57	-159.7	1,482.3	578.0	512.2	65.74	8.792		
5,200.0	4,853.0	5,184.9	4,888.3	37.0	33.6	-115.58	-163.9	1,510.2	587.1	520.2	66.90	8.777		
5,300.0	4,945.3	5,281.1	4,977.6	37.6	34.3	-115.57	-169.1	1,545.7	598.8	530.6	68.20	8.780		
5,400.0	5,038.9	5,377.5	5,068.2	38.3	34.8	-115.57	-173.9	1,578.2	609.5	540.1	69.39	8.783		
5,500.0	5,133.7	5,474.0	5,160.0	38.8	35.3	-115.58	-178.3	1,607.7	619.1	548.7	70.46	8.787		
5,600.0	5,229.5	5,570.6	5,252.8	39.3	35.8	-115.58	-182.2	1,634.2	627.8	556.4	71.42	8.790		
5,700.0	5,326.3	5,667.3	5,346.5	39.7	36.2	-115.59	-185.7	1,657.6	635.5	563.2	72.28	8.793		
5,800.0	5,423.8	5,764.0	5,441.1	40.1	36.6	-115.59	-188.7	1,677.8	642.1	569.1	73.02	8.794		
5,900.0	5,522.1	5,860.9	5,536.4	40.4	36.9	-115.60	-191.2	1,694.9	647.7	574.0	73.65	8.794		
6,000.0	5,621.0	5,957.8	5,632.3	40.7	37.1	-115.60	-193.3	1,708.8	652.2	578.1	74.17	8.793		
6,100.0	5,720.3	6,054.8	5,728.6	40.9	37.4	-115.61	-194.9	1,719.5	655.7	581.1	74.60	8.790		
6,200.0	5,820.0	6,151.8	5,825.3	41.1	37.5	-115.61	-196.0	1,727.0	658.2	583.2	74.92	8.785		
6,300.0	5,919.9	6,248.8	5,922.3	41.2	37.6	-115.61	-196.6	1,731.2	659.5	584.4	75.14	8.777		
6,380.1	6,000.0	6,326.5	6,000.0	41.3	37.7	0.82	-196.8	1,732.3	659.9	618.2	41.64	15.846		
6,386.7	6,006.6	6,333.2	6,006.6	41.3	37.7	0.82	-196.8	1,732.3	659.9	618.2	41.66	15.840		
6,400.0	6,019.9	6,346.4	6,019.9	41.3	37.7	0.82	-196.8	1,732.3	659.9	618.2	41.69	15.828		
6,500.0	6,119.9	6,446.4	6,119.9	41.3	37.8	0.82	-196.8	1,732.3	659.9	617.9	41.93	15.737		
6,600.0	6,219.9	6,546.4	6,219.9	41.4	37.9	0.82	-196.8	1,732.3	659.9	617.7	42.18	15.645		
6,700.0	6,319.9	6,646.4	6,319.9	41.5	37.9	0.82	-196.8	1,732.3	659.9	617.5	42.43	15.553		
6,800.0	6,419.9	6,746.4	6,419.9	41.5	38.0	0.82	-196.8	1,732.3	659.9	617.2	42.68	15.461		
6,813.1	6,433.0	6,759.5	6,433.0	41.5	38.0	0.82	-196.8	1,732.3	659.9	617.2	42.71	15.449		
6,850.0	6,469.9	6,797.3	6,470.8	41.6	38.0	91.46	-196.8	1,731.3	659.9	583.9	75.94	8.689		
6,900.0	6,519.7	6,848.5	6,521.7	41.5	38.0	91.45	-196.8	1,726.8	659.9	584.0	75.91	8.693		
6,950.0	6,569.0	6,899.7	6,572.3	41.5	38.0	91.44	-196.9	1,718.6	659.9	584.1	75.79	8.706		
7,000.0	6,617.8	6,950.9	6,622.1	41.4	37.9	91.41	-197.1	1,706.9	659.9	584.3	75.61	8.727		
7,050.0	6,665.6	7,002.0	6,670.9	41.3	37.8	91.38	-197.2	1,691.6	659.9	584.5	75.38	8.754		
7,100.0	6,712.3	7,053.1	6,718.4	41.2	37.7	91.34	-197.5	1,672.9	659.8	584.7	75.10	8.786		
7,150.0	6,757.6	7,104.2	6,764.5	41.1	37.5	91.30	-197.7	1,650.9	659.8	585.0	74.80	8.822		
7,200.0	6,801.3	7,155.3	6,808.9	40.9	37.4	91.25	-198.0	1,625.7	659.8	585.3	74.48	8.859		
7,250.0	6,843.3	7,206.3	6,851.3	40.8	37.2	91.19	-198.3	1,597.4	659.8	585.7	74.16	8.898		
7,300.0	6,883.2	7,257.2	6,891.6	40.7	37.1	91.13	-198.6	1,566.2	659.8	585.9	73.85	8.935		
7,350.0	6,921.0	7,308.1	6,929.4	40.5	37.0	91.06	-199.0	1,532.2	659.8	586.2	73.56	8.969		
7,400.0	6,956.3	7,358.9	6,964.8	40.4	36.9	90.99	-199.4	1,495.7	659.8	586.4	73.32	8.998		
7,450.0	6,989.2	7,409.7	6,997.4	40.3	36.8	90.91	-199.9	1,456.8	659.7	586.6	73.13	9.021		
7,500.0	7,019.3	7,460.4	7,027.2	40.3	36.7	90.83	-200.3	1,415.8	659.7	586.7	73.01	9.036		
7,550.0	7,046.5	7,511.0	7,053.9	40.2	36.7	90.74	-200.8	1,372.8	659.7	586.8	72.96	9.042		
7,600.0	7,070.8	7,561.6	7,077.5	40.2	36.8	90.65	-201.3	1,328.1	659.7	586.7	73.00	9.038		
7,650.0	7,091.9	7,612.1	7,097.9	40.2	36.8	90.56	-201.8	1,282.0	659.7	586.6	73.12	9.022		
7,700.0	7,109.9	7,662.5	7,114.9	40.2	37.0	90.46	-202.3	1,234.5	659.7	586.3	73.34	8.994		
7,750.0	7,124.5	7,712.8	7,128.6	40.3	37.1	90.36	-202.9	1,186.1	659.7	586.0	73.66	8.956		
7,800.0	7,135.8	7,763.0	7,138.8	40.4	37.3	90.26	-203.4	1,136.9	659.7	585.6	74.07	8.906		
7,850.0	7,143.6	7,813.2	7,145.5	40.5	37.6	90.16	-204.0	1,087.2	659.7	585.1	74.57	8.846		
7,900.0	7,148.0	7,863.3	7,148.7	40.7	37.9	90.06	-204.6	1,037.3	659.7	584.5	75.15	8.778		
7,916.2	7,148.7	7,879.5	7,149.0	40.7	38.0	90.03	-204.7	1,021.1	659.7	584.3	75.36	8.754		
7,937.8	7,149.0	7,901.0	7,149.0	40.8	38.1	90.00	-205.0	999.5	659.7	584.0	75.64	8.721		
7,937.9	7,149.0	7,901.1	7,149.0	40.8	38.1	90.00	-205.0	999.5	659.7	584.0	75.64	8.721		
7,938.7	7,149.0	7,901.9	7,149.0	40.8	38.1	90.00	-205.0	998.7	659.7	584.0	75.65	8.719		
8,000.0	7,149.0	7,963.2	7,149.0	41.1	38.6	90.00	-205.7	937.3	659.7	583.1	76.59	8.613		
8,100.0	7,149.0	8,063.2	7,149.0	41.7	39.5	90.00	-206.8	837.4	659.7	581.3	78.38	8.417		
8,200.0	7,149.0	8,163.2	7,149.0	42.4	40.5	90.00	-207.9	737.4	659.7	579.2	80.52	8.193		
8,300.0	7,149.0	8,263.2	7,149.0	43.4	41.7	90.00	-209.0	637.4	659.7	576.7	82.98	7.950		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,400.0	7,149.0	8,363.2	7,149.0	44.4	43.1	90.00	-210.1	537.4	659.7	573.9	85.74	7.694		
8,500.0	7,149.0	8,463.2	7,149.0	45.7	44.6	90.00	-211.2	437.4	659.7	570.9	88.78	7.431		
8,600.0	7,149.0	8,563.2	7,149.0	47.1	46.2	90.00	-212.3	337.4	659.7	567.6	92.05	7.166		
8,700.0	7,149.0	8,663.2	7,149.0	48.6	48.0	90.00	-213.4	237.4	659.7	564.1	95.55	6.904		
8,800.0	7,149.0	8,763.2	7,149.0	50.3	49.8	90.00	-214.5	137.4	659.7	560.4	99.24	6.648		
8,900.0	7,149.0	8,863.2	7,149.0	52.1	51.7	90.00	-215.6	37.4	659.7	556.6	103.10	6.398		
9,000.0	7,149.0	8,963.2	7,149.0	54.0	53.7	90.00	-216.7	-62.6	659.7	552.6	107.12	6.158		
9,100.0	7,149.0	9,063.2	7,149.0	56.0	55.8	90.00	-217.9	-162.6	659.7	548.4	111.28	5.928		
9,200.0	7,149.0	9,163.2	7,149.0	58.0	58.0	90.00	-219.0	-262.6	659.7	544.1	115.56	5.708		
9,300.0	7,149.0	9,263.2	7,149.0	60.1	60.2	90.00	-220.1	-362.6	659.7	539.7	119.96	5.499		
9,400.0	7,149.0	9,363.2	7,149.0	62.3	62.4	90.00	-221.2	-462.6	659.7	535.2	124.45	5.301		
9,500.0	7,149.0	9,463.2	7,149.0	64.6	64.7	90.00	-222.3	-562.6	659.7	530.7	129.03	5.113		
9,600.0	7,149.0	9,563.2	7,149.0	66.9	67.0	90.00	-223.4	-662.6	659.7	526.0	133.69	4.935		
9,700.0	7,149.0	9,663.2	7,149.0	69.2	69.4	90.00	-224.5	-762.6	659.7	521.3	138.42	4.766		
9,800.0	7,149.0	9,763.2	7,149.0	71.6	71.8	90.00	-225.6	-862.5	659.7	516.5	143.21	4.606		
9,900.0	7,149.0	9,863.2	7,149.0	74.0	74.2	90.00	-226.7	-962.5	659.7	511.6	148.07	4.455		
10,000.0	7,149.0	9,963.2	7,149.0	76.4	76.7	90.00	-227.8	-1,062.5	659.7	506.7	152.97	4.312		
10,100.0	7,149.0	10,063.2	7,149.0	78.8	79.1	90.00	-228.9	-1,162.5	659.7	501.8	157.93	4.177		
10,200.0	7,149.0	10,163.2	7,149.0	81.3	81.6	90.00	-230.0	-1,262.5	659.7	496.8	162.92	4.049		
10,300.0	7,149.0	10,263.2	7,149.0	83.8	84.2	90.00	-231.2	-1,362.5	659.7	491.7	167.96	3.928		
10,400.0	7,149.0	10,363.2	7,149.0	86.4	86.7	90.00	-232.3	-1,462.5	659.7	486.7	173.03	3.813		
10,500.0	7,149.0	10,463.2	7,149.0	88.9	89.3	90.00	-233.4	-1,562.5	659.7	481.6	178.14	3.703		
10,600.0	7,149.0	10,563.2	7,149.0	91.5	91.8	90.00	-234.5	-1,662.5	659.7	476.4	183.27	3.600		
10,700.0	7,149.0	10,663.2	7,149.0	94.0	94.4	90.00	-235.6	-1,762.5	659.7	471.3	188.43	3.501		
10,800.0	7,149.0	10,763.2	7,149.0	96.6	97.0	90.00	-236.7	-1,862.5	659.7	466.1	193.62	3.407		
10,900.0	7,149.0	10,863.2	7,149.0	99.2	99.6	90.00	-237.8	-1,962.5	659.7	460.9	198.83	3.318		
11,000.0	7,149.0	10,963.2	7,149.0	101.8	102.2	90.00	-238.9	-2,062.5	659.7	455.6	204.07	3.233		
11,100.0	7,149.0	11,063.2	7,149.0	104.5	104.9	90.00	-240.0	-2,162.5	659.7	450.4	209.32	3.152		
11,200.0	7,149.0	11,163.2	7,149.0	107.1	107.5	90.00	-241.1	-2,262.5	659.7	445.1	214.59	3.074		
11,300.0	7,149.0	11,263.2	7,149.0	109.7	110.1	90.00	-242.2	-2,362.5	659.7	439.8	219.88	3.000		
11,400.0	7,149.0	11,363.2	7,149.0	112.4	112.8	90.00	-243.3	-2,462.4	659.7	434.5	225.19	2.930		
11,500.0	7,149.0	11,463.2	7,149.0	115.0	115.5	90.00	-244.5	-2,562.4	659.7	429.2	230.51	2.862		
11,600.0	7,149.0	11,563.2	7,149.0	117.7	118.1	90.00	-245.6	-2,662.4	659.7	423.9	235.84	2.797		
11,700.0	7,149.0	11,663.2	7,149.0	120.4	120.8	90.00	-246.7	-2,762.4	659.7	418.5	241.19	2.735		
11,800.0	7,149.0	11,763.2	7,149.0	123.1	123.5	90.00	-247.8	-2,862.4	659.7	413.2	246.55	2.676		
11,900.0	7,149.0	11,863.2	7,149.0	125.7	126.2	90.00	-248.9	-2,962.4	659.7	407.8	251.92	2.619		
12,000.0	7,149.0	11,963.2	7,149.0	128.4	128.9	90.00	-250.0	-3,062.4	659.7	402.4	257.30	2.564		
12,100.0	7,149.0	12,063.2	7,149.0	131.1	131.6	90.00	-251.1	-3,162.4	659.7	397.0	262.69	2.511		
12,200.0	7,149.0	12,163.2	7,149.0	133.8	134.3	90.00	-252.2	-3,262.4	659.7	391.6	268.09	2.461		
12,300.0	7,149.0	12,263.2	7,149.0	136.5	137.0	90.00	-253.3	-3,362.4	659.7	386.2	273.50	2.412		
12,400.0	7,149.0	12,363.2	7,149.0	139.2	139.7	90.00	-254.4	-3,462.4	659.7	380.8	278.92	2.365		
12,500.0	7,149.0	12,463.2	7,149.0	142.0	142.4	90.00	-255.5	-3,562.4	659.7	375.4	284.34	2.320		
12,600.0	7,149.0	12,563.2	7,149.0	144.7	145.1	90.00	-256.6	-3,662.4	659.7	370.0	289.78	2.277		
12,700.0	7,149.0	12,663.2	7,149.0	147.4	147.8	90.00	-257.8	-3,762.4	659.7	364.5	295.22	2.235		
12,800.0	7,149.0	12,763.2	7,149.0	150.1	150.5	90.00	-258.9	-3,862.4	659.7	359.1	300.66	2.194		
12,900.0	7,149.0	12,863.2	7,149.0	152.8	153.3	90.00	-260.0	-3,962.4	659.7	353.6	306.12	2.155		
13,000.0	7,149.0	12,963.2	7,149.0	155.6	156.0	90.00	-261.1	-4,062.3	659.7	348.2	311.57	2.117		
13,100.0	7,149.0	13,063.2	7,149.0	158.3	158.7	90.00	-262.2	-4,162.3	659.7	342.7	317.04	2.081		
13,200.0	7,149.0	13,163.2	7,149.0	161.0	161.5	90.00	-263.3	-4,262.3	659.7	337.2	322.51	2.046		
13,300.0	7,149.0	13,263.2	7,149.0	163.8	164.2	90.00	-264.4	-4,362.3	659.7	331.8	327.98	2.011		
13,400.0	7,149.0	13,363.2	7,149.0	166.5	167.0	90.00	-265.5	-4,462.3	659.7	326.3	333.46	1.978		
13,500.0	7,149.0	13,463.2	7,149.0	169.3	169.7	90.00	-266.6	-4,562.3	659.7	320.8	338.95	1.946		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
13,600.0	7,149.0	13,563.2	7,149.0	172.0	172.4	90.00	-267.7	-4,662.3	659.7	315.3	344.44	1.915		
13,700.0	7,149.0	13,663.2	7,149.0	174.7	175.2	90.00	-268.8	-4,762.3	659.7	309.8	349.93	1.885		
13,800.0	7,149.0	13,763.2	7,149.0	177.5	177.9	90.00	-269.9	-4,862.3	659.7	304.3	355.43	1.856		
13,900.0	7,149.0	13,863.2	7,149.0	180.2	180.7	90.00	-271.1	-4,962.3	659.7	298.8	360.93	1.828		
14,000.0	7,149.0	13,963.2	7,149.0	183.0	183.4	90.00	-272.2	-5,062.3	659.7	293.3	366.43	1.800		
14,100.0	7,149.0	14,063.2	7,149.0	185.7	186.2	90.00	-273.3	-5,162.3	659.7	287.8	371.94	1.774		
14,200.0	7,149.0	14,163.2	7,149.0	188.5	188.9	90.00	-274.4	-5,262.3	659.7	282.3	377.45	1.748		
14,300.0	7,149.0	14,263.2	7,149.0	191.3	191.7	90.00	-275.5	-5,362.3	659.8	276.8	382.96	1.723		
14,400.0	7,149.0	14,363.2	7,149.0	194.0	194.5	90.00	-276.6	-5,462.3	659.8	271.3	388.48	1.698		
14,500.0	7,149.0	14,463.2	7,149.0	196.8	197.2	90.00	-277.7	-5,562.3	659.8	265.8	394.00	1.675		
14,600.0	7,149.0	14,563.2	7,149.0	199.5	200.0	90.00	-278.8	-5,662.2	659.8	260.2	399.52	1.651		
14,700.0	7,149.0	14,663.2	7,149.0	202.3	202.8	90.00	-279.9	-5,762.2	659.8	254.7	405.05	1.629		
14,800.0	7,149.0	14,763.2	7,149.0	205.1	205.5	90.00	-281.0	-5,862.2	659.8	249.2	410.58	1.607		
14,900.0	7,149.0	14,863.2	7,149.0	207.8	208.3	90.00	-282.1	-5,962.2	659.8	243.7	416.11	1.586		
15,000.0	7,149.0	14,963.2	7,149.0	210.6	211.0	90.00	-283.2	-6,062.2	659.8	238.1	421.64	1.565		
15,100.0	7,149.0	15,063.2	7,149.0	213.4	213.8	90.00	-284.3	-6,162.2	659.8	232.6	427.17	1.544		
15,200.0	7,149.0	15,163.2	7,149.0	216.1	216.6	90.00	-285.5	-6,262.2	659.8	227.1	432.71	1.525		
15,300.0	7,149.0	15,263.2	7,149.0	218.9	219.4	90.00	-286.6	-6,362.2	659.8	221.5	438.25	1.505		
15,400.0	7,149.0	15,363.2	7,149.0	221.7	222.1	90.00	-287.7	-6,462.2	659.8	216.0	443.79	1.487 Level 3		
15,500.0	7,149.0	15,463.2	7,149.0	224.4	224.9	90.00	-288.8	-6,562.2	659.8	210.4	449.34	1.468 Level 3		
15,600.0	7,149.0	15,563.2	7,149.0	227.2	227.7	90.00	-289.9	-6,662.2	659.8	204.9	454.88	1.450 Level 3		
15,700.0	7,149.0	15,663.2	7,149.0	230.0	230.4	90.00	-291.0	-6,762.2	659.8	199.3	460.43	1.433 Level 3		
15,800.0	7,149.0	15,763.2	7,149.0	232.8	233.2	90.00	-292.1	-6,862.2	659.8	193.8	465.98	1.416 Level 3		
15,900.0	7,149.0	15,863.2	7,149.0	235.5	236.0	90.00	-293.2	-6,962.2	659.8	188.2	471.53	1.399 Level 3		
16,000.0	7,149.0	15,963.2	7,149.0	238.3	238.8	90.00	-294.3	-7,062.2	659.8	182.7	477.08	1.383 Level 3		
16,100.0	7,149.0	16,063.2	7,149.0	241.1	241.5	90.00	-295.4	-7,162.2	659.8	177.1	482.63	1.367 Level 3		
16,200.0	7,149.0	16,163.2	7,149.0	243.9	244.3	90.00	-296.5	-7,262.2	659.8	171.6	488.19	1.351 Level 3		
16,300.0	7,149.0	16,263.2	7,149.0	246.7	247.1	90.00	-297.6	-7,362.1	659.8	166.0	493.75	1.336 Level 3		
16,400.0	7,149.0	16,363.2	7,149.0	249.4	249.9	90.00	-298.8	-7,462.1	659.8	160.5	499.30	1.321 Level 3		
16,500.0	7,149.0	16,463.2	7,149.0	252.2	252.7	90.00	-299.9	-7,562.1	659.8	154.9	504.86	1.307 Level 3		
16,600.0	7,149.0	16,563.2	7,149.0	255.0	255.4	90.00	-301.0	-7,662.1	659.8	149.4	510.42	1.293 Level 3		
16,700.0	7,149.0	16,663.2	7,149.0	257.8	258.2	90.00	-302.1	-7,762.1	659.8	143.8	515.99	1.279 Level 3		
16,800.0	7,149.0	16,763.2	7,149.0	260.6	261.0	90.00	-303.2	-7,862.1	659.8	138.2	521.55	1.265 Level 3		
16,900.0	7,149.0	16,863.2	7,149.0	263.3	263.8	90.00	-304.3	-7,962.1	659.8	132.7	527.11	1.252 Level 3		
17,000.0	7,149.0	16,963.2	7,149.0	266.1	266.6	90.00	-305.4	-8,062.1	659.8	127.1	532.68	1.239 Level 2		
17,100.0	7,149.0	17,063.2	7,149.0	268.9	269.4	90.00	-306.5	-8,162.1	659.8	121.5	538.25	1.226 Level 2		
17,200.0	7,149.0	17,163.2	7,149.0	271.7	272.1	90.00	-307.6	-8,262.1	659.8	116.0	543.81	1.213 Level 2		
17,300.0	7,149.0	17,263.2	7,149.0	274.5	274.9	90.00	-308.7	-8,362.1	659.8	110.4	549.38	1.201 Level 2		
17,400.0	7,149.0	17,363.2	7,149.0	277.3	277.7	90.00	-309.8	-8,462.1	659.8	104.8	554.95	1.189 Level 2		
17,500.0	7,149.0	17,463.2	7,149.0	280.0	280.5	90.00	-310.9	-8,562.1	659.8	99.3	560.52	1.177 Level 2		
17,600.0	7,149.0	17,563.2	7,149.0	282.8	283.3	90.00	-312.1	-8,662.1	659.8	93.7	566.09	1.166 Level 2		
17,700.0	7,149.0	17,663.2	7,149.0	285.6	286.1	90.00	-313.2	-8,762.1	659.8	88.1	571.67	1.154 Level 2		
17,800.0	7,149.0	17,763.2	7,149.0	288.4	288.9	90.00	-314.3	-8,862.1	659.8	82.6	577.24	1.143 Level 2		
17,900.0	7,149.0	17,863.2	7,149.0	291.2	291.6	90.00	-315.4	-8,962.0	659.8	77.0	582.82	1.132 Level 2		
18,000.0	7,149.0	17,963.2	7,149.0	294.0	294.4	90.00	-316.5	-9,062.0	659.8	71.4	588.39	1.121 Level 2		
18,100.0	7,149.0	18,063.2	7,149.0	296.8	297.2	90.00	-317.6	-9,162.0	659.8	65.8	593.97	1.111 Level 2		
18,157.0	7,149.0	18,120.2	7,149.0	298.4	298.8	90.00	-318.2	-9,219.1	659.8	62.7	597.15	1.105 Level 2		
18,200.0	7,149.0	18,152.4	7,149.0	299.5	299.7	90.00	-318.6	-9,251.2	659.9	60.6	599.24	1.101 Level 2, SF		
18,220.4	7,149.0	18,152.4	7,149.0	300.1	299.7	90.00	-318.6	-9,251.2	660.5	60.7	599.81	1.101 Level 2		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.35	45.2	0.3	45.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.35	45.2	0.3	45.2	45.0	0.22	201.030		
200.0	200.0	200.0	200.0	0.3	0.3	0.35	45.2	0.3	45.2	44.5	0.67	67.010		
300.0	300.0	300.0	300.0	0.6	0.6	0.35	45.2	0.3	45.2	44.1	1.12	40.206		
400.0	400.0	400.0	400.0	0.8	0.8	0.35	45.2	0.3	45.2	43.6	1.57	28.719 CC		
500.0	500.0	500.2	500.2	1.0	1.0	-115.94	44.9	1.6	45.5	43.5	1.99	22.862		
600.0	599.9	600.4	600.3	1.2	1.2	-115.50	44.2	5.4	46.6	44.1	2.40	19.387		
700.0	699.7	700.6	700.3	1.4	1.4	-114.81	43.0	11.9	48.3	45.4	2.84	16.965		
800.0	799.3	800.8	800.0	1.7	1.7	-113.93	41.3	20.9	50.7	47.3	3.33	15.219		
900.0	898.6	900.9	899.5	1.9	1.9	-112.91	39.1	32.5	53.8	49.9	3.86	13.914		
1,000.0	997.5	1,001.0	998.5	2.2	2.3	-111.81	36.5	46.6	57.6	53.1	4.46	12.904		
1,100.0	1,096.1	1,101.0	1,097.1	2.6	2.6	-110.69	33.3	63.3	62.1	57.0	5.13	12.098		
1,200.0	1,194.2	1,201.0	1,195.2	3.0	3.0	-109.57	29.7	82.5	67.3	61.4	5.89	11.439		
1,300.0	1,291.7	1,301.0	1,292.6	3.4	3.4	-108.49	25.6	104.2	73.3	66.5	6.73	10.889		
1,400.0	1,388.6	1,400.8	1,389.4	3.9	3.9	-107.47	21.1	128.4	79.9	72.2	7.67	10.423		
1,500.0	1,484.9	1,500.6	1,485.4	4.4	4.4	-106.52	16.1	155.0	87.3	78.5	8.71	10.023		
1,600.0	1,580.4	1,600.3	1,580.7	5.0	5.0	-105.64	10.6	184.1	95.3	85.4	9.85	9.676		
1,700.0	1,675.0	1,699.9	1,675.0	5.6	5.6	-104.83	4.7	215.6	104.0	92.9	11.10	9.374		
1,800.0	1,768.9	1,799.5	1,768.4	6.3	6.3	-104.08	-1.7	249.4	113.4	101.0	12.46	9.107		
1,900.0	1,861.7	1,898.9	1,860.7	7.1	7.0	-103.39	-8.5	285.6	123.5	109.6	13.93	8.871		
2,000.0	1,953.6	1,998.2	1,952.0	7.9	7.8	-102.77	-15.8	324.1	134.3	118.8	15.51	8.660		
2,070.9	2,018.1	2,068.7	2,016.4	8.5	8.4	-102.69	-21.0	352.1	142.3	125.6	16.68	8.533		
2,100.0	2,044.5	2,097.6	2,042.9	8.7	8.7	-102.80	-23.2	363.6	145.7	128.5	17.16	8.487		
2,200.0	2,135.1	2,196.9	2,133.8	9.6	9.5	-103.17	-30.6	403.0	157.2	138.3	18.84	8.341		
2,300.0	2,225.6	2,296.3	2,224.6	10.5	10.3	-103.48	-38.0	442.4	168.7	148.1	20.53	8.214		
2,400.0	2,316.2	2,395.6	2,315.5	11.4	11.2	-103.76	-45.5	481.9	180.2	157.9	22.24	8.103		
2,500.0	2,406.8	2,494.9	2,406.3	12.3	12.0	-104.00	-52.9	521.3	191.7	167.7	23.95	8.005		
2,600.0	2,497.4	2,594.3	2,497.2	13.2	12.9	-104.22	-60.3	560.8	203.2	177.5	25.66	7.919		
2,700.0	2,588.0	2,693.6	2,588.1	14.1	13.7	-104.41	-67.7	600.2	214.7	187.3	27.38	7.842		
2,800.0	2,678.6	2,792.9	2,678.9	15.0	14.6	-104.58	-75.2	639.7	226.2	197.1	29.11	7.773		
2,900.0	2,769.2	2,892.2	2,769.8	15.9	15.5	-104.74	-82.6	679.1	237.8	206.9	30.84	7.711		
3,000.0	2,859.7	2,991.6	2,860.6	16.8	16.3	-104.88	-90.0	718.6	249.3	216.7	32.57	7.655		
3,100.0	2,950.3	3,090.9	2,951.5	17.7	17.2	-105.01	-97.4	758.0	260.8	226.5	34.30	7.604		
3,200.0	3,040.9	3,190.2	3,042.4	18.7	18.1	-105.12	-104.9	797.5	272.3	236.3	36.04	7.557		
3,300.0	3,131.5	3,289.6	3,133.2	19.6	18.9	-105.23	-112.3	836.9	283.9	246.1	37.77	7.515		
3,400.0	3,222.1	3,388.9	3,224.1	20.5	19.8	-105.33	-119.7	876.3	295.4	255.9	39.51	7.476		
3,500.0	3,312.7	3,488.2	3,315.0	21.4	20.7	-105.42	-127.1	915.8	306.9	265.7	41.25	7.440		
3,600.0	3,403.2	3,587.6	3,405.8	22.3	21.5	-105.51	-134.5	955.2	318.5	275.5	42.99	7.407		
3,700.0	3,493.8	3,686.9	3,496.7	23.2	22.4	-105.59	-142.0	994.7	330.0	285.2	44.74	7.376		
3,800.0	3,584.4	3,786.2	3,587.5	24.2	23.3	-105.66	-149.4	1,034.1	341.5	295.0	46.48	7.347		
3,900.0	3,675.0	3,885.6	3,678.4	25.1	24.1	-105.73	-156.8	1,073.6	353.0	304.8	48.22	7.321		
4,000.0	3,765.6	3,984.9	3,769.3	26.0	25.0	-105.80	-164.2	1,113.0	364.6	314.6	49.97	7.296		
4,100.0	3,856.2	4,084.2	3,860.1	26.9	25.9	-105.86	-171.7	1,152.5	376.1	324.4	51.71	7.273		
4,200.0	3,946.7	4,183.6	3,951.0	27.8	26.7	-105.92	-179.1	1,191.9	387.6	334.2	53.46	7.251		
4,300.0	4,037.3	4,282.9	4,041.8	28.8	27.6	-105.97	-186.5	1,231.4	399.2	344.0	55.21	7.230		
4,400.0	4,127.9	4,382.2	4,132.7	29.7	28.5	-106.02	-193.9	1,270.8	410.7	353.8	56.95	7.211		
4,500.0	4,218.5	4,481.6	4,223.6	30.6	29.4	-106.07	-201.4	1,310.2	422.2	363.5	58.70	7.193		
4,600.0	4,309.1	4,580.9	4,314.4	31.5	30.2	-106.12	-208.8	1,349.7	433.8	373.3	60.45	7.176		
4,700.0	4,399.7	4,680.2	4,405.3	32.4	31.1	-106.16	-216.2	1,389.1	445.3	383.1	62.20	7.160		
4,800.0	4,490.3	4,779.6	4,496.2	33.4	32.0	-106.20	-223.6	1,428.6	456.8	392.9	63.95	7.144		
4,900.0	4,580.8	4,878.9	4,587.0	34.3	32.8	-106.24	-231.1	1,468.0	468.4	402.7	65.69	7.130		
5,000.0	4,671.4	4,978.2	4,677.9	35.2	33.7	-106.28	-238.5	1,507.5	479.9	412.5	67.44	7.116		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,762.0	5,077.6	4,768.7	36.1	34.6	-106.31	-245.9	1,546.9	491.4	422.3	69.19	7.103		
5,127.0	4,786.4	5,104.3	4,793.2	36.4	34.8	-106.32	-247.9	1,557.6	494.6	424.9	69.66	7.099		
5,200.0	4,853.0	5,176.8	4,859.5	37.0	35.4	-106.41	-253.3	1,586.3	502.7	431.9	70.86	7.094		
5,300.0	4,945.3	5,275.7	4,950.9	37.6	36.1	-106.45	-260.3	1,623.4	513.1	440.9	72.21	7.106		
5,400.0	5,038.9	5,374.7	5,043.7	38.3	36.7	-106.48	-266.7	1,657.5	522.7	449.2	73.43	7.118		
5,500.0	5,133.7	5,473.9	5,137.7	38.8	37.3	-106.52	-272.5	1,688.4	531.3	456.8	74.53	7.129		
5,600.0	5,229.5	5,573.1	5,232.8	39.3	37.8	-106.55	-277.8	1,716.2	539.1	463.5	75.52	7.138		
5,700.0	5,326.3	5,672.4	5,329.0	39.7	38.2	-106.58	-282.4	1,740.7	545.9	469.5	76.39	7.146		
5,800.0	5,423.8	5,771.9	5,426.0	40.1	38.6	-106.61	-286.4	1,761.9	551.8	474.7	77.15	7.152		
5,900.0	5,522.1	5,871.4	5,523.8	40.4	38.9	-106.63	-289.7	1,779.8	556.8	479.0	77.80	7.157		
6,000.0	5,621.0	5,970.9	5,622.3	40.7	39.2	-106.65	-292.5	1,794.4	560.9	482.5	78.34	7.159		
6,100.0	5,720.3	6,070.6	5,721.2	40.9	39.4	-106.67	-294.6	1,805.6	564.0	485.2	78.78	7.159		
6,200.0	5,820.0	6,170.2	5,820.6	41.1	39.5	-106.68	-296.1	1,813.5	566.2	487.0	79.11	7.156		
6,300.0	5,919.9	6,269.9	5,920.1	41.2	39.7	-106.68	-296.9	1,817.9	567.4	488.0	79.35	7.151		
6,380.1	6,000.0	6,349.8	6,000.0	41.3	39.7	9.75	-297.1	1,819.0	567.7	529.3	38.35	14.805		
6,400.0	6,019.9	6,369.6	6,019.9	41.3	39.7	9.75	-297.1	1,819.0	567.7	529.3	38.40	14.785		
6,500.0	6,119.9	6,469.6	6,119.9	41.3	39.8	9.75	-297.1	1,819.0	567.7	529.0	38.65	14.687		
6,600.0	6,219.9	6,569.6	6,219.9	41.4	39.9	9.75	-297.1	1,819.0	567.7	528.8	38.91	14.589		
6,700.0	6,319.9	6,669.6	6,319.9	41.5	40.0	9.75	-297.1	1,819.0	567.7	528.5	39.18	14.491		
6,800.0	6,419.9	6,769.6	6,419.9	41.5	40.0	9.75	-297.1	1,819.0	567.7	528.2	39.44	14.393		
6,813.1	6,433.0	6,782.8	6,433.0	41.5	40.0	9.75	-297.1	1,819.0	567.7	528.2	39.48	14.380		
6,850.0	6,469.9	6,819.6	6,469.9	41.6	40.1	100.47	-297.1	1,819.0	567.9	487.7	80.15	7.085		
6,900.0	6,519.7	6,874.1	6,524.4	41.5	40.1	100.83	-297.1	1,818.3	568.6	488.4	80.20	7.089		
6,950.0	6,569.0	6,932.9	6,582.9	41.5	40.1	101.19	-297.2	1,813.3	569.2	489.1	80.14	7.103		
7,000.0	6,617.8	6,992.1	6,641.3	41.4	40.0	101.48	-297.3	1,803.5	569.8	489.8	79.97	7.125		
7,050.0	6,665.6	7,051.6	6,698.9	41.3	39.9	101.72	-297.4	1,788.7	570.3	490.6	79.70	7.155		
7,100.0	6,712.3	7,111.3	6,755.3	41.2	39.8	101.88	-297.7	1,769.2	570.6	491.3	79.34	7.192		
7,150.0	6,757.6	7,171.1	6,810.0	41.1	39.6	101.98	-297.9	1,745.0	570.8	491.9	78.92	7.233		
7,200.0	6,801.3	7,231.0	6,862.5	40.9	39.4	102.00	-298.2	1,716.3	570.9	492.4	78.45	7.277		
7,250.0	6,843.3	7,290.9	6,912.5	40.8	39.3	101.95	-298.6	1,683.2	570.8	492.8	77.96	7.322		
7,300.0	6,883.2	7,350.8	6,959.4	40.7	39.1	101.84	-299.0	1,646.2	570.6	493.1	77.46	7.366		
7,350.0	6,921.0	7,410.4	7,003.0	40.5	39.0	101.65	-299.4	1,605.5	570.2	493.2	76.98	7.407		
7,400.0	6,956.3	7,469.8	7,042.9	40.4	38.8	101.40	-299.9	1,561.5	569.7	493.2	76.55	7.443		
7,450.0	6,989.2	7,528.9	7,078.8	40.3	38.8	101.09	-300.4	1,514.7	569.1	492.9	76.17	7.472		
7,500.0	7,019.3	7,587.6	7,110.6	40.3	38.7	100.71	-301.0	1,465.3	568.4	492.5	75.87	7.492		
7,550.0	7,046.5	7,645.8	7,138.0	40.2	38.8	100.27	-301.5	1,413.9	567.6	492.0	75.66	7.502		
7,600.0	7,070.8	7,703.6	7,160.9	40.2	38.8	99.77	-302.1	1,360.9	566.8	491.2	75.56	7.501		
7,650.0	7,091.9	7,760.8	7,179.4	40.2	39.0	99.22	-302.7	1,306.8	565.9	490.3	75.58	7.488		
7,700.0	7,109.9	7,817.4	7,193.4	40.2	39.1	98.63	-303.3	1,251.9	565.0	489.3	75.71	7.463		
7,750.0	7,124.5	7,873.5	7,202.9	40.3	39.4	97.99	-303.9	1,196.7	564.1	488.1	75.96	7.426		
7,800.0	7,135.8	7,928.9	7,208.0	40.4	39.6	97.31	-304.5	1,141.6	563.2	486.9	76.32	7.380		
7,850.0	7,143.6	7,981.8	7,209.1	40.5	39.9	96.64	-305.1	1,088.7	562.4	485.6	76.77	7.326		
7,900.0	7,148.0	8,031.6	7,209.4	40.7	40.3	96.27	-305.6	1,038.9	561.9	484.6	77.30	7.269		
7,932.4	7,149.0	8,064.0	7,209.6	40.8	40.5	96.19	-306.0	1,006.5	561.8	484.2	77.67	7.233		
7,937.8	7,149.0	8,069.4	7,209.6	40.8	40.5	96.19	-306.1	1,001.1	561.8	484.1	77.74	7.227		
7,937.9	7,149.0	8,069.5	7,209.6	40.8	40.5	96.19	-306.1	1,001.0	561.8	484.1	77.74	7.227		
7,938.7	7,149.0	8,070.3	7,209.6	40.8	40.5	96.19	-306.1	1,000.2	561.8	484.1	77.75	7.226		
8,000.0	7,149.0	8,131.6	7,210.0	41.1	41.0	96.23	-306.7	938.9	561.9	483.2	78.73	7.137		
8,100.0	7,149.0	8,231.6	7,210.6	41.7	42.0	96.29	-307.8	838.9	562.0	481.4	80.60	6.972		
8,200.0	7,149.0	8,331.6	7,211.1	42.4	43.1	96.35	-308.9	738.9	562.0	479.2	82.81	6.787		
8,300.0	7,149.0	8,431.6	7,211.7	43.4	44.4	96.41	-310.0	638.9	562.1	476.8	85.33	6.588		
8,400.0	7,149.0	8,531.6	7,212.3	44.4	45.8	96.46	-311.1	538.9	562.2	474.1	88.13	6.379		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.0	7,149.0	8,631.6	7,212.9	45.7	47.3	96.52	-312.2	438.9	562.3	471.1	91.18	6.166		
8,600.0	7,149.0	8,731.6	7,213.4	47.1	49.0	96.58	-313.3	338.9	562.3	467.9	94.47	5.953		
8,700.0	7,149.0	8,831.6	7,214.0	48.6	50.7	96.64	-314.4	238.9	562.4	464.5	97.96	5.741		
8,800.0	7,149.0	8,931.6	7,214.6	50.3	52.6	96.70	-315.5	139.0	562.5	460.9	101.64	5.534		
8,900.0	7,149.0	9,031.6	7,215.2	52.1	54.5	96.76	-316.6	39.0	562.6	457.1	105.49	5.333		
9,000.0	7,149.0	9,131.6	7,215.8	54.0	56.5	96.81	-317.7	-61.0	562.7	453.2	109.48	5.139		
9,100.0	7,149.0	9,231.6	7,216.3	56.0	58.6	96.87	-318.8	-161.0	562.7	449.1	113.61	4.953		
9,200.0	7,149.0	9,331.6	7,216.9	58.0	60.7	96.93	-319.9	-261.0	562.8	445.0	117.85	4.776		
9,300.0	7,149.0	9,431.6	7,217.5	60.1	62.9	96.99	-321.0	-361.0	562.9	440.7	122.20	4.606		
9,400.0	7,149.0	9,531.6	7,218.1	62.3	65.1	97.05	-322.1	-461.0	563.0	436.3	126.65	4.445		
9,500.0	7,149.0	9,631.6	7,218.7	64.6	67.4	97.11	-323.2	-561.0	563.1	431.9	131.18	4.293		
9,600.0	7,149.0	9,731.6	7,219.2	66.9	69.8	97.16	-324.3	-661.0	563.2	427.4	135.78	4.148		
9,700.0	7,149.0	9,831.6	7,219.8	69.2	72.1	97.22	-325.4	-761.0	563.2	422.8	140.45	4.010		
9,800.0	7,149.0	9,931.6	7,220.4	71.6	74.5	97.28	-326.5	-861.0	563.3	418.1	145.19	3.880		
9,900.0	7,149.0	10,031.6	7,221.0	74.0	76.9	97.34	-327.6	-960.9	563.4	413.4	149.98	3.757		
10,000.0	7,149.0	10,131.6	7,221.6	76.4	79.4	97.40	-328.7	-1,060.9	563.5	408.7	154.82	3.640		
10,100.0	7,149.0	10,231.6	7,222.1	78.8	81.8	97.46	-329.8	-1,160.9	563.6	403.9	159.71	3.529		
10,200.0	7,149.0	10,331.6	7,222.7	81.3	84.3	97.51	-330.9	-1,260.9	563.7	399.0	164.64	3.424		
10,300.0	7,149.0	10,431.6	7,223.3	83.8	86.8	97.57	-332.0	-1,360.9	563.8	394.2	169.61	3.324		
10,400.0	7,149.0	10,531.6	7,223.9	86.4	89.4	97.63	-333.1	-1,460.9	563.8	389.2	174.61	3.229		
10,500.0	7,149.0	10,631.6	7,224.4	88.9	91.9	97.69	-334.2	-1,560.9	563.9	384.3	179.64	3.139		
10,600.0	7,149.0	10,731.6	7,225.0	91.5	94.5	97.75	-335.3	-1,660.9	564.0	379.3	184.70	3.054		
10,700.0	7,149.0	10,831.6	7,225.6	94.0	97.0	97.80	-336.4	-1,760.9	564.1	374.3	189.78	2.972		
10,800.0	7,149.0	10,931.6	7,226.2	96.6	99.6	97.86	-337.5	-1,860.9	564.2	369.3	194.89	2.895		
10,900.0	7,149.0	11,031.6	7,226.8	99.2	102.2	97.92	-338.6	-1,960.9	564.3	364.3	200.02	2.821		
11,000.0	7,149.0	11,131.6	7,227.3	101.8	104.8	97.98	-339.7	-2,060.8	564.4	359.2	205.18	2.751		
11,100.0	7,149.0	11,231.6	7,227.9	104.5	107.5	98.04	-340.8	-2,160.8	564.5	354.1	210.35	2.684		
11,200.0	7,149.0	11,331.6	7,228.5	107.1	110.1	98.09	-341.9	-2,260.8	564.6	349.0	215.53	2.619		
11,300.0	7,149.0	11,431.6	7,229.1	109.7	112.7	98.15	-343.0	-2,360.8	564.7	343.9	220.74	2.558		
11,400.0	7,149.0	11,531.5	7,229.7	112.4	115.4	98.21	-344.1	-2,460.8	564.8	338.8	225.95	2.499		
11,500.0	7,149.0	11,631.5	7,230.2	115.0	118.0	98.27	-345.2	-2,560.8	564.9	333.7	231.18	2.443		
11,600.0	7,149.0	11,731.5	7,230.8	117.7	120.7	98.33	-346.3	-2,660.8	565.0	328.5	236.43	2.390		
11,700.0	7,149.0	11,831.5	7,231.4	120.4	123.3	98.38	-347.4	-2,760.8	565.1	323.4	241.68	2.338		
11,800.0	7,149.0	11,931.5	7,232.0	123.1	126.0	98.44	-348.5	-2,860.8	565.1	318.2	246.95	2.289		
11,900.0	7,149.0	12,031.5	7,232.5	125.7	128.7	98.50	-349.6	-2,960.8	565.2	313.0	252.22	2.241		
12,000.0	7,149.0	12,131.5	7,233.1	128.4	131.4	98.56	-350.7	-3,060.7	565.3	307.8	257.50	2.195		
12,100.0	7,149.0	12,231.5	7,233.7	131.1	134.1	98.62	-351.8	-3,160.7	565.4	302.6	262.80	2.152		
12,200.0	7,149.0	12,331.5	7,234.3	133.8	136.8	98.67	-352.8	-3,260.7	565.5	297.4	268.10	2.109		
12,300.0	7,149.0	12,431.5	7,234.9	136.5	139.5	98.73	-353.9	-3,360.7	565.6	292.2	273.40	2.069		
12,400.0	7,149.0	12,531.5	7,235.4	139.2	142.2	98.79	-355.0	-3,460.7	565.7	287.0	278.72	2.030		
12,500.0	7,149.0	12,631.5	7,236.0	142.0	144.9	98.85	-356.1	-3,560.7	565.8	281.8	284.04	1.992		
12,600.0	7,149.0	12,731.5	7,236.6	144.7	147.6	98.90	-357.2	-3,660.7	565.9	276.6	289.36	1.956		
12,700.0	7,149.0	12,831.5	7,237.2	147.4	150.3	98.96	-358.3	-3,760.7	566.0	271.4	294.69	1.921		
12,800.0	7,149.0	12,931.5	7,237.8	150.1	153.0	99.02	-359.4	-3,860.7	566.1	266.1	300.03	1.887		
12,900.0	7,149.0	13,031.5	7,238.3	152.8	155.7	99.08	-360.5	-3,960.7	566.2	260.9	305.37	1.854		
13,000.0	7,149.0	13,131.5	7,238.9	155.6	158.5	99.14	-361.6	-4,060.7	566.3	255.6	310.71	1.823		
13,100.0	7,149.0	13,231.5	7,239.5	158.3	161.2	99.19	-362.7	-4,160.6	566.5	250.4	316.06	1.792		
13,200.0	7,149.0	13,331.5	7,240.1	161.0	163.9	99.25	-363.8	-4,260.6	566.6	245.2	321.41	1.763		
13,300.0	7,149.0	13,431.5	7,240.7	163.8	166.7	99.31	-364.9	-4,360.6	566.7	239.9	326.76	1.734		
13,400.0	7,149.0	13,531.5	7,241.2	166.5	169.4	99.37	-366.0	-4,460.6	566.8	234.7	332.12	1.707		
13,500.0	7,149.0	13,631.5	7,241.8	169.3	172.1	99.42	-367.1	-4,560.6	566.9	229.4	337.48	1.680		
13,600.0	7,149.0	13,731.5	7,242.4	172.0	174.9	99.48	-368.2	-4,660.6	567.0	224.1	342.84	1.654		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.0	7,149.0	13,831.5	7,243.0	174.7	177.6	99.54	-369.3	-4,760.6	567.1	218.9	348.20	1.629		
13,800.0	7,149.0	13,931.5	7,243.5	177.5	180.4	99.60	-370.4	-4,860.6	567.2	213.6	353.57	1.604		
13,900.0	7,149.0	14,031.5	7,244.1	180.2	183.1	99.65	-371.5	-4,960.6	567.3	208.4	358.94	1.581		
14,000.0	7,149.0	14,131.5	7,244.7	183.0	185.9	99.71	-372.6	-5,060.6	567.4	203.1	364.31	1.558		
14,100.0	7,149.0	14,231.5	7,245.3	185.7	188.6	99.77	-373.7	-5,160.6	567.5	197.8	369.68	1.535		
14,200.0	7,149.0	14,331.5	7,245.9	188.5	191.4	99.83	-374.8	-5,260.5	567.6	192.6	375.05	1.513		
14,300.0	7,149.0	14,431.5	7,246.4	191.3	194.1	99.88	-375.9	-5,360.5	567.7	187.3	380.43	1.492 Level 3		
14,400.0	7,149.0	14,531.5	7,247.0	194.0	196.9	99.94	-377.0	-5,460.5	567.9	182.1	385.80	1.472 Level 3		
14,500.0	7,149.0	14,631.5	7,247.6	196.8	199.6	100.00	-378.1	-5,560.5	568.0	176.8	391.18	1.452 Level 3		
14,600.0	7,149.0	14,731.5	7,248.2	199.5	202.4	100.05	-379.2	-5,660.5	568.1	171.5	396.55	1.433 Level 3		
14,700.0	7,149.0	14,831.5	7,248.8	202.3	205.1	100.11	-380.3	-5,760.5	568.2	166.3	401.93	1.414 Level 3		
14,800.0	7,149.0	14,931.5	7,249.3	205.1	207.9	100.17	-381.4	-5,860.5	568.3	161.0	407.31	1.395 Level 3		
14,900.0	7,149.0	15,031.5	7,249.9	207.8	210.7	100.23	-382.5	-5,960.5	568.4	155.7	412.68	1.377 Level 3		
15,000.0	7,149.0	15,131.5	7,250.5	210.6	213.4	100.28	-383.6	-6,060.5	568.5	150.5	418.06	1.360 Level 3		
15,100.0	7,149.0	15,231.5	7,251.1	213.4	216.2	100.34	-384.7	-6,160.5	568.7	145.2	423.44	1.343 Level 3		
15,200.0	7,149.0	15,331.5	7,251.7	216.1	219.0	100.40	-385.8	-6,260.4	568.8	140.0	428.82	1.326 Level 3		
15,300.0	7,149.0	15,431.5	7,252.2	218.9	221.7	100.45	-386.9	-6,360.4	568.9	134.7	434.20	1.310 Level 3		
15,400.0	7,149.0	15,531.5	7,252.8	221.7	224.5	100.51	-388.0	-6,460.4	569.0	129.4	439.57	1.294 Level 3		
15,500.0	7,149.0	15,631.5	7,253.4	224.4	227.3	100.57	-389.1	-6,560.4	569.1	124.2	444.95	1.279 Level 3		
15,600.0	7,149.0	15,731.5	7,254.0	227.2	230.0	100.63	-390.2	-6,660.4	569.2	118.9	450.33	1.264 Level 3		
15,700.0	7,149.0	15,831.5	7,254.5	230.0	232.8	100.68	-391.3	-6,760.4	569.4	113.7	455.70	1.249 Level 2		
15,800.0	7,149.0	15,931.5	7,255.1	232.8	235.6	100.74	-392.4	-6,860.4	569.5	108.4	461.08	1.235 Level 2		
15,900.0	7,149.0	16,031.5	7,255.7	235.5	238.4	100.80	-393.5	-6,960.4	569.6	103.1	466.46	1.221 Level 2		
16,000.0	7,149.0	16,131.5	7,256.3	238.3	241.1	100.85	-394.6	-7,060.4	569.7	97.9	471.83	1.207 Level 2		
16,100.0	7,149.0	16,231.5	7,256.9	241.1	243.9	100.91	-395.7	-7,160.4	569.8	92.6	477.20	1.194 Level 2		
16,200.0	7,149.0	16,331.5	7,257.4	243.9	246.7	100.97	-396.8	-7,260.4	570.0	87.4	482.58	1.181 Level 2		
16,300.0	7,149.0	16,431.5	7,258.0	246.7	249.5	101.02	-397.9	-7,360.3	570.1	82.1	487.95	1.168 Level 2		
16,400.0	7,149.0	16,531.5	7,258.6	249.4	252.2	101.08	-399.0	-7,460.3	570.2	76.9	493.32	1.156 Level 2		
16,500.0	7,149.0	16,631.5	7,259.2	252.2	255.0	101.14	-400.0	-7,560.3	570.3	71.6	498.69	1.144 Level 2		
16,600.0	7,149.0	16,731.5	7,259.8	255.0	257.8	101.20	-401.1	-7,660.3	570.5	66.4	504.06	1.132 Level 2		
16,700.0	7,149.0	16,831.5	7,260.3	257.8	260.6	101.25	-402.2	-7,760.3	570.6	61.1	509.43	1.120 Level 2		
16,800.0	7,149.0	16,931.5	7,260.9	260.6	263.3	101.31	-403.3	-7,860.3	570.7	55.9	514.80	1.109 Level 2		
16,900.0	7,149.0	17,031.5	7,261.5	263.3	266.1	101.37	-404.4	-7,960.3	570.8	50.7	520.16	1.097 Level 2		
17,000.0	7,149.0	17,131.5	7,262.1	266.1	268.9	101.42	-405.5	-8,060.3	571.0	45.4	525.53	1.086 Level 2		
17,100.0	7,149.0	17,231.5	7,262.7	268.9	271.7	101.48	-406.6	-8,160.3	571.1	40.2	530.89	1.076 Level 2		
17,200.0	7,149.0	17,331.5	7,263.2	271.7	274.5	101.54	-407.7	-8,260.3	571.2	35.0	536.25	1.065 Level 2		
17,300.0	7,149.0	17,431.5	7,263.8	274.5	277.3	101.59	-408.8	-8,360.2	571.3	29.7	541.61	1.055 Level 2		
17,400.0	7,149.0	17,531.4	7,264.4	277.3	280.0	101.65	-409.9	-8,460.2	571.5	24.5	546.97	1.045 Level 2		
17,500.0	7,149.0	17,631.4	7,265.0	280.0	282.8	101.71	-411.0	-8,560.2	571.6	19.3	552.33	1.035 Level 2		
17,600.0	7,149.0	17,731.4	7,265.5	282.8	285.6	101.76	-412.1	-8,660.2	571.7	14.0	557.68	1.025 Level 2		
17,700.0	7,149.0	17,831.4	7,266.1	285.6	288.4	101.82	-413.2	-8,760.2	571.9	8.8	563.04	1.016 Level 2		
17,800.0	7,149.0	17,931.4	7,266.7	288.4	291.2	101.88	-414.3	-8,860.2	572.0	3.6	568.39	1.006 Level 2		
17,900.0	7,149.0	18,031.4	7,267.3	291.2	294.0	101.93	-415.4	-8,960.2	572.1	-1.6	573.74	0.997 Level 1		
18,000.0	7,149.0	18,131.4	7,267.9	294.0	296.7	101.99	-416.5	-9,060.2	572.2	-6.8	579.09	0.988 Level 1		
18,100.0	7,149.0	18,231.4	7,268.4	296.8	299.5	102.04	-417.6	-9,160.2	572.4	-12.1	584.44	0.979 Level 1		
18,200.0	7,149.0	18,328.4	7,269.0	299.5	302.2	102.10	-418.7	-9,257.1	572.5	-17.2	589.70	0.971 Level 1		
18,220.4	7,149.0	18,328.4	7,269.0	300.1	302.2	102.10	-418.7	-9,257.1	573.0	-17.2	590.26	0.971 Level 1, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.53	30.2	0.3	30.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.53	30.2	0.3	30.2	30.0	0.22	134.576		
200.0	200.0	200.0	200.0	0.3	0.3	0.53	30.2	0.3	30.2	29.6	0.67	44.859		
300.0	300.0	300.2	300.2	0.6	0.5	2.92	29.8	1.5	29.9	28.7	1.11	26.901		
400.0	400.0	400.3	400.2	0.8	0.8	10.40	28.5	5.2	29.0	27.4	1.55	18.720		
463.7	463.7	464.0	463.8	0.9	0.9	-99.42	27.2	8.9	28.7	26.9	1.83	15.707 CC		
500.0	500.0	500.2	499.9	1.0	1.0	-95.62	26.4	11.4	28.8	26.8	1.99	14.482		
600.0	599.9	600.0	599.3	1.2	1.3	-85.51	23.3	20.0	29.9	27.5	2.45	12.211		
700.0	699.7	699.6	698.2	1.4	1.5	-76.55	19.5	31.1	32.2	29.2	2.95	10.906		
800.0	799.3	799.1	796.7	1.7	1.9	-69.15	14.8	44.5	35.4	31.9	3.49	10.149		
900.0	898.6	898.5	894.6	1.9	2.2	-63.31	9.2	60.4	39.4	35.3	4.06	9.694		
1,000.0	997.5	997.7	991.9	2.2	2.6	-58.83	2.8	78.6	43.9	39.3	4.67	9.402		
1,100.0	1,096.1	1,096.7	1,088.5	2.6	3.1	-55.45	-4.4	99.2	48.9	43.6	5.32	9.192		
1,200.0	1,194.2	1,195.7	1,184.4	3.0	3.6	-52.94	-12.4	122.1	54.3	48.3	6.02	9.019		
1,300.0	1,291.7	1,294.4	1,279.5	3.4	4.1	-51.10	-21.2	147.3	60.0	53.2	6.77	8.858		
1,400.0	1,388.6	1,393.1	1,373.8	3.9	4.7	-49.77	-30.8	174.7	65.9	58.3	7.58	8.697		
1,500.0	1,484.9	1,491.6	1,467.1	4.4	5.3	-48.85	-41.2	204.4	72.0	63.6	8.45	8.526		
1,600.0	1,580.4	1,589.9	1,559.5	5.0	6.0	-48.24	-52.3	236.4	78.4	69.0	9.39	8.346		
1,700.0	1,675.0	1,688.1	1,650.8	5.6	6.7	-47.88	-64.3	270.5	84.9	74.5	10.41	8.157		
1,800.0	1,768.9	1,786.2	1,741.0	6.3	7.5	-47.72	-77.0	306.7	91.6	80.1	11.51	7.959		
1,900.0	1,861.7	1,885.2	1,831.3	7.1	8.4	-47.88	-90.4	345.1	98.2	85.5	12.72	7.717		
2,000.0	1,953.6	1,985.1	1,922.2	7.9	9.2	-49.04	-104.0	384.1	103.2	89.1	14.12	7.308		
2,070.9	2,018.1	2,055.9	1,986.7	8.5	9.9	-50.46	-113.7	411.7	105.7	90.5	15.24	6.938		
2,100.0	2,044.5	2,085.0	2,013.2	8.7	10.1	-51.15	-117.6	423.0	106.6	90.9	15.73	6.779		
2,200.0	2,135.1	2,184.8	2,104.1	9.6	11.0	-53.42	-131.3	461.9	109.8	92.3	17.45	6.291		
2,300.0	2,225.6	2,284.7	2,195.1	10.5	11.9	-55.56	-144.9	500.9	113.1	93.9	19.23	5.885		
2,400.0	2,316.2	2,384.5	2,286.0	11.4	12.8	-57.58	-158.5	539.8	116.6	95.6	21.04	5.543		
2,500.0	2,406.8	2,484.4	2,376.9	12.3	13.7	-59.48	-172.1	578.7	120.3	97.4	22.89	5.255		
2,600.0	2,497.4	2,584.2	2,467.9	13.2	14.5	-61.26	-185.8	617.7	124.0	99.3	24.76	5.009		
2,700.0	2,588.0	2,684.1	2,558.8	14.1	15.4	-62.94	-199.4	656.6	127.9	101.2	26.65	4.799		
2,800.0	2,678.6	2,784.0	2,649.8	15.0	16.3	-64.52	-213.0	695.5	131.9	103.3	28.55	4.618		
2,900.0	2,769.2	2,883.8	2,740.7	15.9	17.2	-66.00	-226.6	734.5	135.9	105.5	30.47	4.462		
3,000.0	2,859.7	2,983.7	2,831.6	16.8	18.1	-67.40	-240.2	773.4	140.1	107.7	32.39	4.325		
3,100.0	2,950.3	3,083.5	2,922.6	17.7	19.0	-68.72	-253.9	812.3	144.3	110.0	34.31	4.206		
3,200.0	3,040.9	3,183.4	3,013.5	18.7	19.9	-69.96	-267.5	851.3	148.6	112.4	36.24	4.101		
3,300.0	3,131.5	3,283.2	3,104.5	19.6	20.8	-71.13	-281.1	890.2	153.0	114.8	38.17	4.009		
3,400.0	3,222.1	3,383.1	3,195.4	20.5	21.7	-72.24	-294.7	929.1	157.4	117.3	40.09	3.926		
3,500.0	3,312.7	3,483.0	3,286.3	21.4	22.6	-73.28	-308.3	968.1	161.9	119.9	42.02	3.853		
3,600.0	3,403.2	3,582.8	3,377.3	22.3	23.5	-74.27	-322.0	1,007.0	166.4	122.5	43.94	3.788		
3,700.0	3,493.8	3,682.7	3,468.2	23.2	24.4	-75.21	-335.6	1,045.9	171.0	125.2	45.86	3.729		
3,800.0	3,584.4	3,782.5	3,559.2	24.2	25.3	-76.09	-349.2	1,084.9	175.6	127.9	47.78	3.676		
3,900.0	3,675.0	3,882.4	3,650.1	25.1	26.2	-76.93	-362.8	1,123.8	180.3	130.6	49.69	3.628		
4,000.0	3,765.6	3,982.2	3,741.0	26.0	27.1	-77.73	-376.4	1,162.7	185.0	133.4	51.60	3.585		
4,100.0	3,856.2	4,082.1	3,832.0	26.9	28.0	-78.49	-390.1	1,201.7	189.8	136.2	53.51	3.546		
4,200.0	3,946.7	4,182.0	3,922.9	27.8	28.9	-79.21	-403.7	1,240.6	194.5	139.1	55.42	3.510		
4,300.0	4,037.3	4,281.8	4,013.9	28.8	29.8	-79.90	-417.3	1,279.5	199.3	142.0	57.32	3.477		
4,400.0	4,127.9	4,381.7	4,104.8	29.7	30.7	-80.55	-430.9	1,318.5	204.1	144.9	59.21	3.448		
4,500.0	4,218.5	4,481.5	4,195.7	30.6	31.6	-81.18	-444.6	1,357.4	209.0	147.9	61.11	3.420		
4,600.0	4,309.1	4,581.4	4,286.7	31.5	32.5	-81.78	-458.2	1,396.3	213.9	150.9	63.00	3.395		
4,700.0	4,399.7	4,681.2	4,377.6	32.4	33.4	-82.34	-471.8	1,435.3	218.8	153.9	64.88	3.372		
4,800.0	4,490.3	4,781.1	4,468.6	33.4	34.3	-82.89	-485.4	1,474.2	223.7	156.9	66.76	3.350		
4,900.0	4,580.8	4,881.0	4,559.5	34.3	35.2	-83.41	-499.0	1,513.1	228.6	160.0	68.64	3.330		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,671.4	4,980.8	4,650.4	35.2	36.1	-83.91	-512.7	1,552.1	233.6	163.0	70.52	3.312		
5,100.0	4,762.0	5,081.1	4,741.9	36.1	36.9	-84.42	-526.3	1,591.1	238.5	166.1	72.37	3.296		
5,127.0	4,786.4	5,108.5	4,767.0	36.4	37.2	-84.64	-529.9	1,601.4	239.8	166.9	72.85	3.291		
5,200.0	4,853.0	5,182.7	4,835.5	37.0	37.6	-85.37	-539.3	1,628.3	243.0	169.0	74.02	3.283		
5,300.0	4,945.3	5,284.2	4,930.3	37.6	38.3	-86.34	-551.2	1,662.3	247.2	171.8	75.41	3.278		
5,400.0	5,038.9	5,385.5	5,026.3	38.3	38.8	-87.26	-562.0	1,693.0	251.0	174.3	76.67	3.274		
5,500.0	5,133.7	5,486.8	5,123.3	38.8	39.3	-88.16	-571.6	1,720.6	254.5	176.7	77.79	3.271		
5,600.0	5,229.5	5,588.0	5,221.1	39.3	39.8	-89.02	-580.1	1,744.9	257.5	178.8	78.79	3.269		
5,700.0	5,326.3	5,689.1	5,319.7	39.7	40.2	-89.87	-587.4	1,765.8	260.2	180.6	79.66	3.267		
5,800.0	5,423.8	5,790.1	5,419.0	40.1	40.5	-90.69	-593.6	1,783.5	262.6	182.2	80.41	3.266		
5,900.0	5,522.1	5,891.0	5,518.7	40.4	40.8	-91.49	-598.6	1,797.8	264.5	183.5	81.03	3.264		
6,000.0	5,621.0	5,991.7	5,618.8	40.7	41.0	-92.27	-602.5	1,808.8	266.1	184.5	81.53	3.263		
6,100.0	5,720.3	6,092.4	5,719.1	40.9	41.1	-93.04	-605.2	1,816.5	267.2	185.3	81.92	3.262		
6,200.0	5,820.0	6,193.0	5,819.6	41.1	41.3	-93.80	-606.7	1,820.8	268.0	185.8	82.20	3.261		
6,300.0	5,919.9	6,293.3	5,919.9	41.2	41.3	-94.54	-607.1	1,821.9	268.4	186.0	82.38	3.258		
6,380.1	6,000.0	6,373.4	6,000.0	41.3	41.4	21.65	-607.1	1,821.9	268.5	232.4	36.10	7.438		
6,400.0	6,019.9	6,393.3	6,019.9	41.3	41.4	21.65	-607.1	1,821.9	268.5	232.3	36.15	7.427		
6,500.0	6,119.9	6,493.3	6,119.9	41.3	41.5	21.65	-607.1	1,821.9	268.5	232.1	36.42	7.372		
6,600.0	6,219.9	6,593.3	6,219.9	41.4	41.5	21.65	-607.1	1,821.9	268.5	231.8	36.69	7.317		
6,700.0	6,319.9	6,693.3	6,319.9	41.5	41.6	21.65	-607.1	1,821.9	268.5	231.5	36.97	7.263		
6,800.0	6,419.9	6,793.3	6,419.9	41.5	41.7	21.65	-607.1	1,821.9	268.5	231.2	37.25	7.208		
6,813.1	6,433.0	6,806.4	6,433.0	41.5	41.7	21.65	-607.1	1,821.9	268.5	231.2	37.28	7.201		
6,850.0	6,469.9	6,843.3	6,469.9	41.6	41.7	112.45	-607.1	1,821.9	268.9	185.8	83.10	3.236		
6,900.0	6,519.7	6,893.1	6,519.7	41.5	41.7	113.17	-607.1	1,821.9	270.5	187.5	83.05	3.258		
6,950.0	6,569.0	6,942.4	6,569.0	41.5	41.8	114.42	-607.1	1,821.9	273.7	190.8	82.87	3.303		
7,000.0	6,617.8	7,000.6	6,627.2	41.4	41.8	116.21	-607.1	1,819.8	277.8	195.4	82.48	3.369		
7,050.0	6,665.6	7,060.6	6,686.7	41.3	41.8	117.86	-607.2	1,812.8	281.9	200.1	81.86	3.444		
7,100.0	6,712.3	7,121.7	6,746.5	41.2	41.7	119.36	-607.3	1,800.5	285.9	204.8	81.03	3.528		
7,150.0	6,757.6	7,183.7	6,806.0	41.1	41.5	120.68	-607.5	1,782.9	289.6	209.5	80.04	3.618		
7,200.0	6,801.3	7,246.7	6,864.5	40.9	41.4	121.82	-607.7	1,759.9	293.0	214.1	78.91	3.713		
7,250.0	6,843.3	7,310.4	6,921.6	40.8	41.2	122.79	-608.1	1,731.3	296.0	218.3	77.68	3.810		
7,300.0	6,883.2	7,374.9	6,976.4	40.7	41.0	123.57	-608.4	1,697.5	298.5	222.1	76.40	3.907		
7,350.0	6,921.0	7,440.0	7,028.4	40.5	40.9	124.17	-608.9	1,658.4	300.5	225.4	75.10	4.001		
7,400.0	6,956.3	7,505.5	7,077.0	40.4	40.7	124.59	-609.3	1,614.5	301.9	228.0	73.85	4.088		
7,450.0	6,989.2	7,571.3	7,121.6	40.3	40.6	124.82	-609.9	1,566.1	302.7	230.0	72.67	4.165		
7,500.0	7,019.3	7,637.3	7,161.6	40.3	40.5	124.87	-610.5	1,513.7	302.8	231.2	71.61	4.229		
7,550.0	7,046.5	7,703.2	7,196.5	40.2	40.4	124.73	-611.1	1,457.9	302.4	231.6	70.72	4.275		
7,600.0	7,070.8	7,768.9	7,226.2	40.2	40.4	124.40	-611.7	1,399.3	301.3	231.2	70.03	4.302		
7,650.0	7,091.9	7,834.2	7,250.2	40.2	40.5	123.89	-612.4	1,338.6	299.6	230.0	69.56	4.307		
7,700.0	7,109.9	7,899.0	7,268.4	40.2	40.6	123.19	-613.1	1,276.4	297.3	228.0	69.33	4.288		
7,750.0	7,124.5	7,963.1	7,280.9	40.3	40.8	122.32	-613.8	1,213.5	294.6	225.2	69.37	4.246		
7,800.0	7,135.8	8,026.5	7,287.6	40.4	41.1	121.26	-614.5	1,150.5	291.4	221.7	69.65	4.183		
7,850.0	7,143.6	8,084.7	7,289.1	40.5	41.3	120.17	-615.1	1,092.3	287.9	217.9	70.08	4.109		
7,900.0	7,148.0	8,134.5	7,289.3	40.7	41.6	119.59	-615.7	1,042.5	285.9	215.5	70.34	4.064		
7,934.4	7,149.0	8,169.0	7,289.4	40.8	41.8	119.47	-616.0	1,008.1	285.5	215.0	70.42	4.053		
7,937.8	7,149.0	8,172.3	7,289.5	40.8	41.8	119.47	-616.1	1,004.7	285.5	215.0	70.43	4.053		
7,937.9	7,149.0	8,172.4	7,289.5	40.8	41.8	119.47	-616.1	1,004.7	285.5	215.0	70.43	4.053		
7,938.7	7,149.0	8,173.2	7,289.5	40.8	41.8	119.47	-616.1	1,003.9	285.5	215.0	70.44	4.053		
8,000.0	7,149.0	8,234.5	7,289.7	41.1	42.3	119.52	-616.8	942.5	285.6	214.3	71.35	4.003		
8,100.0	7,149.0	8,334.5	7,290.2	41.7	43.1	119.59	-617.9	842.5	285.8	212.8	73.06	3.912		
8,200.0	7,149.0	8,434.5	7,290.6	42.4	44.1	119.67	-619.0	742.6	286.1	211.0	75.05	3.811		
8,300.0	7,149.0	8,534.5	7,291.0	43.4	45.3	119.74	-620.1	642.6	286.3	209.0	77.31	3.703		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	7,149.0	8,634.5	7,291.5	44.4	46.6	119.82	-621.1	542.6	286.5	206.7	79.80	3.591		
8,500.0	7,149.0	8,734.5	7,291.9	45.7	48.0	119.89	-622.2	442.6	286.7	204.2	82.50	3.476		
8,600.0	7,149.0	8,834.5	7,292.3	47.1	49.6	119.96	-623.3	342.6	287.0	201.6	85.39	3.360		
8,700.0	7,149.0	8,934.5	7,292.8	48.6	51.3	120.04	-624.4	242.6	287.2	198.7	88.46	3.247		
8,800.0	7,149.0	9,034.5	7,293.2	50.3	53.0	120.11	-625.5	142.6	287.4	195.7	91.68	3.135		
8,900.0	7,149.0	9,134.5	7,293.6	52.1	54.9	120.18	-626.6	42.6	287.7	192.6	95.04	3.027		
9,000.0	7,149.0	9,234.5	7,294.1	54.0	56.9	120.26	-627.7	-57.4	287.9	189.4	98.52	2.922		
9,100.0	7,149.0	9,334.5	7,294.5	56.0	58.9	120.33	-628.8	-157.4	288.1	186.0	102.11	2.822		
9,200.0	7,149.0	9,434.5	7,294.9	58.0	61.0	120.40	-629.9	-257.4	288.3	182.5	105.80	2.725		
9,300.0	7,149.0	9,534.5	7,295.4	60.1	63.2	120.48	-631.0	-357.4	288.6	179.0	109.57	2.634		
9,400.0	7,149.0	9,634.5	7,295.8	62.3	65.4	120.55	-632.1	-457.3	288.8	175.4	113.42	2.546		
9,500.0	7,149.0	9,734.5	7,296.2	64.6	67.7	120.62	-633.2	-557.3	289.0	171.7	117.33	2.463		
9,600.0	7,149.0	9,834.5	7,296.7	66.9	70.0	120.69	-634.3	-657.3	289.3	168.0	121.31	2.385		
9,700.0	7,149.0	9,934.5	7,297.1	69.2	72.3	120.77	-635.4	-757.3	289.5	164.2	125.34	2.310		
9,800.0	7,149.0	10,034.5	7,297.5	71.6	74.7	120.84	-636.5	-857.3	289.7	160.3	129.42	2.239		
9,900.0	7,149.0	10,134.5	7,298.0	74.0	77.1	120.91	-637.6	-957.3	290.0	156.4	133.54	2.171		
10,000.0	7,149.0	10,234.5	7,298.4	76.4	79.5	120.98	-638.7	-1,057.3	290.2	152.5	137.70	2.107		
10,100.0	7,149.0	10,334.5	7,298.8	78.8	82.0	121.06	-639.8	-1,157.3	290.4	148.5	141.90	2.047		
10,200.0	7,149.0	10,434.5	7,299.3	81.3	84.5	121.13	-640.9	-1,257.3	290.7	144.6	146.12	1.989		
10,300.0	7,149.0	10,534.5	7,299.7	83.8	87.0	121.20	-642.0	-1,357.3	290.9	140.5	150.38	1.935		
10,400.0	7,149.0	10,634.5	7,300.1	86.4	89.5	121.27	-643.1	-1,457.3	291.1	136.5	154.66	1.883		
10,500.0	7,149.0	10,734.5	7,300.6	88.9	92.0	121.34	-644.2	-1,557.3	291.4	132.4	158.96	1.833		
10,600.0	7,149.0	10,834.5	7,301.0	91.5	94.6	121.41	-645.3	-1,657.3	291.6	128.3	163.28	1.786		
10,700.0	7,149.0	10,934.5	7,301.4	94.0	97.1	121.48	-646.4	-1,757.2	291.9	124.2	167.62	1.741		
10,800.0	7,149.0	11,034.5	7,301.9	96.6	99.7	121.56	-647.5	-1,857.2	292.1	120.1	171.97	1.699		
10,900.0	7,149.0	11,134.5	7,302.3	99.2	102.3	121.63	-648.6	-1,957.2	292.3	116.0	176.34	1.658		
11,000.0	7,149.0	11,234.5	7,302.7	101.8	104.9	121.70	-649.7	-2,057.2	292.6	111.9	180.72	1.619		
11,100.0	7,149.0	11,334.5	7,303.2	104.5	107.5	121.77	-650.7	-2,157.2	292.8	107.7	185.11	1.582		
11,200.0	7,149.0	11,434.5	7,303.6	107.1	110.2	121.84	-651.8	-2,257.2	293.1	103.5	189.51	1.546		
11,300.0	7,149.0	11,534.5	7,304.0	109.7	112.8	121.91	-652.9	-2,357.2	293.3	99.4	193.92	1.512		
11,400.0	7,149.0	11,634.5	7,304.5	112.4	115.4	121.98	-654.0	-2,457.2	293.5	95.2	198.34	1.480	Level 3	
11,500.0	7,149.0	11,734.5	7,304.9	115.0	118.1	122.05	-655.1	-2,557.2	293.8	91.0	202.76	1.449	Level 3	
11,600.0	7,149.0	11,834.5	7,305.3	117.7	120.7	122.12	-656.2	-2,657.2	294.0	86.8	207.19	1.419	Level 3	
11,700.0	7,149.0	11,934.5	7,305.8	120.4	123.4	122.19	-657.3	-2,757.2	294.3	82.6	211.63	1.390	Level 3	
11,800.0	7,149.0	12,034.5	7,306.2	123.1	126.1	122.26	-658.4	-2,857.2	294.5	78.4	216.06	1.363	Level 3	
11,900.0	7,149.0	12,134.5	7,306.6	125.7	128.8	122.33	-659.5	-2,957.2	294.7	74.2	220.51	1.337	Level 3	
12,000.0	7,149.0	12,234.5	7,307.1	128.4	131.4	122.40	-660.6	-3,057.1	295.0	70.0	224.95	1.311	Level 3	
12,100.0	7,149.0	12,334.5	7,307.5	131.1	134.1	122.47	-661.7	-3,157.1	295.2	65.8	229.40	1.287	Level 3	
12,200.0	7,149.0	12,434.5	7,307.9	133.8	136.8	122.54	-662.8	-3,257.1	295.5	61.6	233.85	1.264	Level 3	
12,300.0	7,149.0	12,534.5	7,308.4	136.5	139.5	122.61	-663.9	-3,357.1	295.7	57.4	238.30	1.241	Level 2	
12,400.0	7,149.0	12,634.5	7,308.8	139.2	142.2	122.68	-665.0	-3,457.1	296.0	53.2	242.75	1.219	Level 2	
12,500.0	7,149.0	12,734.5	7,309.2	142.0	144.9	122.75	-666.1	-3,557.1	296.2	49.0	247.20	1.198	Level 2	
12,600.0	7,149.0	12,834.5	7,309.7	144.7	147.6	122.82	-667.2	-3,657.1	296.5	44.8	251.65	1.178	Level 2	
12,700.0	7,149.0	12,934.5	7,310.1	147.4	150.3	122.89	-668.3	-3,757.1	296.7	40.6	256.10	1.159	Level 2	
12,800.0	7,149.0	13,034.5	7,310.5	150.1	153.1	122.95	-669.4	-3,857.1	297.0	36.4	260.55	1.140	Level 2	
12,900.0	7,149.0	13,134.5	7,311.0	152.8	155.8	123.02	-670.5	-3,957.1	297.2	32.2	265.00	1.121	Level 2	
13,000.0	7,149.0	13,234.5	7,311.4	155.6	158.5	123.09	-671.6	-4,057.1	297.4	28.0	269.45	1.104	Level 2	
13,100.0	7,149.0	13,334.5	7,311.8	158.3	161.2	123.16	-672.7	-4,157.1	297.7	23.8	273.90	1.087	Level 2	
13,200.0	7,149.0	13,434.5	7,312.3	161.0	164.0	123.23	-673.8	-4,257.0	297.9	19.6	278.34	1.070	Level 2	
13,300.0	7,149.0	13,534.5	7,312.7	163.8	166.7	123.30	-674.9	-4,357.0	298.2	15.4	282.78	1.054	Level 2	
13,400.0	7,149.0	13,634.5	7,313.1	166.5	169.4	123.37	-676.0	-4,457.0	298.4	11.2	287.22	1.039	Level 2	
13,500.0	7,149.0	13,734.5	7,313.6	169.3	172.2	123.43	-677.1	-4,557.0	298.7	7.0	291.66	1.024	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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.0	7,149.0	13,834.5	7,314.0	172.0	174.9	123.50	-678.2	-4,657.0	298.9	2.8	296.09	1.010	Level 2	
13,700.0	7,149.0	13,934.5	7,314.4	174.7	177.6	123.57	-679.3	-4,757.0	299.2	-1.3	300.53	0.996	Level 1	
13,800.0	7,149.0	14,034.5	7,314.9	177.5	180.4	123.64	-680.3	-4,857.0	299.4	-5.5	304.95	0.982	Level 1	
13,900.0	7,149.0	14,134.5	7,315.3	180.2	183.1	123.70	-681.4	-4,957.0	299.7	-9.7	309.38	0.969	Level 1	
14,000.0	7,149.0	14,234.5	7,315.7	183.0	185.9	123.77	-682.5	-5,057.0	299.9	-13.9	313.80	0.956	Level 1	
14,100.0	7,149.0	14,334.5	7,316.2	185.7	188.6	123.84	-683.6	-5,157.0	300.2	-18.0	318.22	0.943	Level 1	
14,200.0	7,149.0	14,434.4	7,316.6	188.5	191.4	123.91	-684.7	-5,257.0	300.5	-22.2	322.63	0.931	Level 1	
14,300.0	7,149.0	14,534.4	7,317.0	191.3	194.1	123.97	-685.8	-5,357.0	300.7	-26.3	327.04	0.919	Level 1	
14,400.0	7,149.0	14,634.4	7,317.5	194.0	196.9	124.04	-686.9	-5,457.0	301.0	-30.5	331.45	0.908	Level 1	
14,500.0	7,149.0	14,734.4	7,317.9	196.8	199.6	124.11	-688.0	-5,556.9	301.2	-34.6	335.85	0.897	Level 1	
14,600.0	7,149.0	14,834.4	7,318.3	199.5	202.4	124.17	-689.1	-5,656.9	301.5	-38.8	340.25	0.886	Level 1	
14,700.0	7,149.0	14,934.4	7,318.8	202.3	205.2	124.24	-690.2	-5,756.9	301.7	-42.9	344.64	0.875	Level 1	
14,800.0	7,149.0	15,034.4	7,319.2	205.1	207.9	124.31	-691.3	-5,856.9	302.0	-47.1	349.03	0.865	Level 1	
14,900.0	7,149.0	15,134.4	7,319.6	207.8	210.7	124.37	-692.4	-5,956.9	302.2	-51.2	353.42	0.855	Level 1	
15,000.0	7,149.0	15,234.4	7,320.1	210.6	213.5	124.44	-693.5	-6,056.9	302.5	-55.3	357.80	0.845	Level 1	
15,100.0	7,149.0	15,334.4	7,320.5	213.4	216.2	124.51	-694.6	-6,156.9	302.7	-59.4	362.18	0.836	Level 1	
15,200.0	7,149.0	15,434.4	7,320.9	216.1	219.0	124.57	-695.7	-6,256.9	303.0	-63.5	366.55	0.827	Level 1	
15,300.0	7,149.0	15,534.4	7,321.4	218.9	221.7	124.64	-696.8	-6,356.9	303.3	-67.7	370.91	0.818	Level 1	
15,400.0	7,149.0	15,634.4	7,321.8	221.7	224.5	124.71	-697.9	-6,456.9	303.5	-71.8	375.27	0.809	Level 1	
15,500.0	7,149.0	15,734.4	7,322.2	224.4	227.3	124.77	-699.0	-6,556.9	303.8	-75.9	379.63	0.800	Level 1	
15,600.0	7,149.0	15,834.4	7,322.7	227.2	230.1	124.84	-700.1	-6,656.9	304.0	-79.9	383.98	0.792	Level 1	
15,700.0	7,149.0	15,934.4	7,323.1	230.0	232.8	124.90	-701.2	-6,756.9	304.3	-84.0	388.33	0.784	Level 1	
15,800.0	7,149.0	16,034.4	7,323.5	232.8	235.6	124.97	-702.3	-6,856.8	304.6	-88.1	392.67	0.776	Level 1	
15,900.0	7,149.0	16,134.4	7,324.0	235.5	238.4	125.03	-703.4	-6,956.8	304.8	-92.2	397.01	0.768	Level 1	
16,000.0	7,149.0	16,234.4	7,324.4	238.3	241.1	125.10	-704.5	-7,056.8	305.1	-96.3	401.34	0.760	Level 1	
16,100.0	7,149.0	16,334.4	7,324.8	241.1	243.9	125.16	-705.6	-7,156.8	305.3	-100.3	405.66	0.753	Level 1	
16,200.0	7,149.0	16,434.4	7,325.3	243.9	246.7	125.23	-706.7	-7,256.8	305.6	-104.4	409.99	0.745	Level 1	
16,300.0	7,149.0	16,534.4	7,325.7	246.7	249.5	125.29	-707.8	-7,356.8	305.9	-108.4	414.30	0.738	Level 1	
16,400.0	7,149.0	16,634.4	7,326.1	249.4	252.2	125.36	-708.9	-7,456.8	306.1	-112.5	418.61	0.731	Level 1	
16,500.0	7,149.0	16,734.4	7,326.6	252.2	255.0	125.42	-709.9	-7,556.8	306.4	-116.5	422.92	0.724	Level 1	
16,600.0	7,149.0	16,834.4	7,327.0	255.0	257.8	125.49	-711.0	-7,656.8	306.6	-120.6	427.21	0.718	Level 1	
16,700.0	7,149.0	16,934.4	7,327.4	257.8	260.6	125.55	-712.1	-7,756.8	306.9	-124.6	431.51	0.711	Level 1	
16,800.0	7,149.0	17,034.4	7,327.9	260.6	263.4	125.62	-713.2	-7,856.8	307.2	-128.6	435.80	0.705	Level 1	
16,900.0	7,149.0	17,134.4	7,328.3	263.3	266.1	125.68	-714.3	-7,956.8	307.4	-132.6	440.08	0.699	Level 1	
17,000.0	7,149.0	17,234.4	7,328.7	266.1	268.9	125.74	-715.4	-8,056.7	307.7	-136.7	444.36	0.692	Level 1	
17,100.0	7,149.0	17,334.4	7,329.2	268.9	271.7	125.81	-716.5	-8,156.7	308.0	-140.7	448.63	0.686	Level 1	
17,200.0	7,149.0	17,434.4	7,329.6	271.7	274.5	125.87	-717.6	-8,256.7	308.2	-144.7	452.89	0.681	Level 1	
17,300.0	7,149.0	17,534.4	7,330.0	274.5	277.3	125.94	-718.7	-8,356.7	308.5	-148.7	457.15	0.675	Level 1	
17,400.0	7,149.0	17,634.4	7,330.5	277.3	280.0	126.00	-719.8	-8,456.7	308.8	-152.7	461.41	0.669	Level 1	
17,500.0	7,149.0	17,734.4	7,330.9	280.0	282.8	126.06	-720.9	-8,556.7	309.0	-156.6	465.65	0.664	Level 1	
17,600.0	7,149.0	17,834.4	7,331.3	282.8	285.6	126.13	-722.0	-8,656.7	309.3	-160.6	469.90	0.658	Level 1	
17,700.0	7,149.0	17,934.4	7,331.8	285.6	288.4	126.19	-723.1	-8,756.7	309.6	-164.6	474.13	0.653	Level 1	
17,800.0	7,149.0	18,034.4	7,332.2	288.4	291.2	126.25	-724.2	-8,856.7	309.8	-168.5	478.37	0.648	Level 1	
17,900.0	7,149.0	18,134.4	7,332.6	291.2	294.0	126.32	-725.3	-8,956.7	310.1	-172.5	482.59	0.643	Level 1	
18,000.0	7,149.0	18,234.4	7,333.1	294.0	296.7	126.38	-726.4	-9,056.7	310.4	-176.5	486.81	0.638	Level 1	
18,100.0	7,149.0	18,334.4	7,333.5	296.8	299.5	126.44	-727.5	-9,156.7	310.6	-180.4	491.03	0.633	Level 1	
18,200.0	7,149.0	18,434.4	7,334.0	299.5	302.3	126.51	-728.6	-9,256.7	310.9	-184.3	495.23	0.628	Level 1	
18,220.4	7,149.0	18,445.8	7,334.0	300.1	302.6	126.51	-728.7	-9,268.1	311.1	-184.8	495.92	0.627	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	1.07	14.9	0.3	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	1.07	14.9	0.3	14.9	14.7	0.22	66.468		
200.0	200.0	200.0	200.0	0.3	0.3	1.07	14.9	0.3	14.9	14.3	0.67	22.156		
300.0	300.0	300.0	300.0	0.6	0.6	1.07	14.9	0.3	14.9	13.8	1.12	13.294		
400.0	400.0	400.0	400.0	0.8	0.8	1.07	14.9	0.3	14.9	13.4	1.57	9.495 CC		
500.0	500.0	500.0	500.0	1.0	1.0	-119.73	14.9	0.3	15.5	13.5	2.01	7.750		
600.0	599.9	599.9	599.9	1.2	1.2	-130.72	14.9	0.3	17.8	15.4	2.44	7.318		
700.0	699.7	700.1	700.1	1.4	1.4	-141.17	14.4	1.5	21.6	18.8	2.86	7.567		
800.0	799.3	800.5	800.4	1.7	1.6	-148.10	12.8	5.1	26.0	22.7	3.28	7.930		
900.0	898.6	901.0	900.7	1.9	1.9	-152.78	10.1	11.1	30.7	27.0	3.72	8.263		
1,000.0	997.5	1,001.6	1,000.9	2.2	2.1	-156.01	6.4	19.6	35.6	31.4	4.17	8.544		
1,100.0	1,096.1	1,102.4	1,100.9	2.6	2.4	-158.30	1.6	30.5	40.6	36.0	4.63	8.769		
1,200.0	1,194.2	1,203.3	1,200.8	3.0	2.6	-159.93	-4.3	43.8	45.7	40.5	5.11	8.941		
1,300.0	1,291.7	1,304.3	1,300.4	3.4	3.0	-161.10	-11.2	59.5	50.8	45.2	5.60	9.065		
1,400.0	1,388.6	1,405.5	1,399.6	3.9	3.3	-161.93	-19.3	77.7	55.9	49.8	6.11	9.145		
1,500.0	1,484.9	1,506.9	1,498.4	4.4	3.8	-162.50	-28.4	98.3	61.1	54.4	6.65	9.185		
1,600.0	1,580.4	1,608.3	1,596.6	5.0	4.2	-162.88	-38.6	121.3	66.2	59.0	7.21	9.189		
1,700.0	1,675.0	1,709.9	1,694.3	5.6	4.8	-163.10	-49.8	146.7	71.4	63.6	7.79	9.161		
1,800.0	1,768.9	1,811.6	1,791.4	6.3	5.3	-163.19	-62.1	174.6	76.6	68.1	8.41	9.102		
1,900.0	1,861.7	1,913.5	1,887.8	7.1	6.0	-163.19	-75.5	204.8	81.7	72.6	9.06	9.016		
2,000.0	1,953.6	2,015.5	1,983.3	7.9	6.7	-163.10	-89.9	237.4	86.8	77.1	9.75	8.905		
2,070.9	2,018.1	2,087.8	2,050.5	8.5	7.2	-163.00	-100.8	262.0	90.5	80.2	10.27	8.813		
2,100.0	2,044.5	2,117.6	2,078.0	8.7	7.4	-162.93	-105.4	272.4	91.9	81.4	10.50	8.750		
2,200.0	2,135.1	2,219.9	2,171.8	9.6	8.3	-162.36	-121.9	309.8	95.0	83.6	11.34	8.373		
2,300.0	2,225.6	2,320.5	2,263.2	10.5	9.1	-161.42	-138.8	348.2	96.3	84.0	12.27	7.847		
2,400.0	2,316.2	2,420.5	2,354.1	11.4	10.0	-160.49	-155.7	386.4	97.5	84.3	13.24	7.367		
2,500.0	2,406.8	2,520.5	2,444.9	12.3	10.8	-159.59	-172.6	424.6	98.8	84.5	14.24	6.934		
2,600.0	2,497.4	2,620.5	2,535.7	13.2	11.7	-158.70	-189.5	462.8	100.1	84.8	15.29	6.544		
2,700.0	2,588.0	2,720.5	2,626.5	14.1	12.6	-157.84	-206.4	501.1	101.4	85.0	16.37	6.191		
2,800.0	2,678.6	2,820.4	2,717.4	15.0	13.5	-157.01	-223.3	539.3	102.7	85.2	17.49	5.871		
2,900.0	2,769.2	2,920.4	2,808.2	15.9	14.4	-156.19	-240.2	577.5	104.0	85.4	18.64	5.581		
3,000.0	2,859.7	3,020.4	2,899.0	16.8	15.3	-155.40	-257.1	615.7	105.4	85.6	19.82	5.318		
3,100.0	2,950.3	3,120.4	2,989.8	17.7	16.2	-154.62	-274.0	654.0	106.8	85.8	21.04	5.077		
3,200.0	3,040.9	3,220.4	3,080.7	18.7	17.1	-153.87	-290.9	692.2	108.2	85.9	22.28	4.858		
3,300.0	3,131.5	3,320.3	3,171.5	19.6	18.0	-153.13	-307.8	730.4	109.6	86.1	23.54	4.657		
3,400.0	3,222.1	3,420.3	3,262.3	20.5	18.9	-152.42	-324.7	768.6	111.1	86.3	24.84	4.473		
3,500.0	3,312.7	3,520.3	3,353.1	21.4	19.8	-151.72	-341.6	806.9	112.6	86.4	26.15	4.304		
3,600.0	3,403.2	3,620.3	3,444.0	22.3	20.7	-151.04	-358.5	845.1	114.0	86.5	27.49	4.148		
3,700.0	3,493.8	3,720.3	3,534.8	23.2	21.6	-150.38	-375.4	883.3	115.5	86.7	28.86	4.004		
3,800.0	3,584.4	3,820.2	3,625.6	24.2	22.5	-149.73	-392.3	921.5	117.0	86.8	30.24	3.871		
3,900.0	3,675.0	3,920.2	3,716.4	25.1	23.4	-149.11	-409.2	959.8	118.6	86.9	31.64	3.747		
4,000.0	3,765.6	4,020.2	3,807.3	26.0	24.3	-148.49	-426.1	998.0	120.1	87.0	33.06	3.633		
4,100.0	3,856.2	4,120.2	3,898.1	26.9	25.2	-147.90	-443.0	1,036.2	121.7	87.2	34.50	3.526		
4,200.0	3,946.7	4,220.2	3,988.9	27.8	26.1	-147.32	-459.9	1,074.4	123.2	87.3	35.95	3.427		
4,300.0	4,037.3	4,320.1	4,079.7	28.8	27.0	-146.75	-476.8	1,112.7	124.8	87.4	37.42	3.335		
4,400.0	4,127.9	4,420.1	4,170.6	29.7	27.9	-146.20	-493.7	1,150.9	126.4	87.5	38.91	3.248		
4,500.0	4,218.5	4,520.1	4,261.4	30.6	28.8	-145.66	-510.6	1,189.1	128.0	87.6	40.41	3.168		
4,600.0	4,309.1	4,620.1	4,352.2	31.5	29.7	-145.13	-527.5	1,227.3	129.6	87.7	41.92	3.092		
4,700.0	4,399.7	4,720.1	4,443.0	32.4	30.6	-144.62	-544.4	1,265.6	131.2	87.8	43.44	3.021		
4,800.0	4,490.3	4,820.0	4,533.9	33.4	31.5	-144.12	-561.3	1,303.8	132.9	87.9	44.98	2.954		
4,900.0	4,580.8	4,920.0	4,624.7	34.3	32.4	-143.63	-578.2	1,342.0	134.5	88.0	46.53	2.891		
5,000.0	4,671.4	5,020.0	4,715.5	35.2	33.4	-143.15	-595.1	1,380.2	136.1	88.1	48.08	2.831		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,762.0	5,120.0	4,806.4	36.1	34.3	-142.69	-612.0	1,418.5	137.8	88.2	49.65	2.775		
5,127.0	4,786.4	5,146.9	4,830.8	36.4	34.5	-142.57	-616.6	1,428.8	138.3	88.2	50.08	2.761		
5,200.0	4,853.0	5,220.0	4,897.2	37.0	35.2	-142.01	-628.9	1,456.7	138.7	87.4	51.37	2.701		
5,300.0	4,945.3	5,319.9	4,987.9	37.6	36.1	-140.43	-645.8	1,494.9	137.1	83.4	53.64	2.556		
5,400.0	5,038.9	5,419.6	5,078.5	38.3	37.0	-137.80	-662.6	1,533.0	132.9	76.3	56.62	2.348		
5,500.0	5,133.7	5,519.0	5,168.8	38.8	37.9	-133.86	-679.4	1,571.0	126.6	66.1	60.47	2.094		
5,600.0	5,229.5	5,616.5	5,257.7	39.3	38.7	-128.59	-695.7	1,607.8	119.1	54.1	65.00	1.833		
5,700.0	5,326.3	5,713.4	5,347.2	39.7	39.3	-122.63	-710.7	1,641.7	112.5	42.9	69.54	1.617		
5,800.0	5,423.8	5,810.7	5,438.3	40.1	39.9	-115.98	-724.5	1,673.0	107.0	33.1	73.89	1.448 Level 3		
5,900.0	5,522.1	5,908.5	5,530.9	40.4	40.5	-108.72	-737.2	1,701.6	103.0	25.3	77.69	1.326 Level 3		
6,000.0	5,621.0	6,006.7	5,625.0	40.7	41.0	-100.99	-748.6	1,727.4	100.6	20.0	80.58	1.249 Level 2		
6,082.0	5,702.4	6,087.6	5,703.2	40.9	41.3	-94.46	-757.0	1,746.4	100.0	18.0	82.03	1.219 Level 2		
6,100.0	5,720.3	6,105.5	5,720.5	40.9	41.4	-93.01	-758.7	1,750.3	100.0	17.8	82.23	1.217 Level 2		
6,200.0	5,820.0	6,204.7	5,817.3	41.1	41.8	-85.07	-767.5	1,770.3	101.3	18.8	82.50	1.228 Level 2		
6,300.0	5,919.9	6,304.4	5,915.2	41.2	42.1	-77.43	-775.1	1,787.3	104.3	22.9	81.44	1.281 Level 3		
6,380.1	6,000.0	6,384.6	5,994.5	41.3	42.3	44.77	-780.1	1,798.7	107.9	63.8	44.11	2.446		
6,400.0	6,019.9	6,404.6	6,014.3	41.3	42.4	46.13	-781.2	1,801.2	108.9	63.8	45.16	2.412		
6,500.0	6,119.9	6,505.6	6,114.6	41.3	42.6	51.65	-786.0	1,812.0	113.9	64.2	49.74	2.290		
6,600.0	6,219.9	6,607.3	6,215.9	41.4	42.8	55.24	-789.4	1,819.7	118.0	65.0	52.93	2.229		
6,700.0	6,319.9	6,709.5	6,318.0	41.5	42.9	57.16	-791.3	1,824.0	120.5	65.7	54.76	2.200		
6,800.0	6,419.9	6,811.4	6,419.9	41.5	43.0	57.63	-791.8	1,825.1	121.1	65.8	55.35	2.188		
6,813.1	6,433.0	6,824.5	6,433.0	41.5	43.0	57.63	-791.8	1,825.1	121.1	65.7	55.37	2.187		
6,850.0	6,469.9	6,861.4	6,469.9	41.6	43.0	148.47	-791.8	1,825.1	121.9	47.9	74.02	1.647		
6,900.0	6,519.7	6,911.2	6,519.7	41.5	43.0	149.35	-791.8	1,825.1	125.6	52.6	73.05	1.719		
6,950.0	6,569.0	6,960.5	6,569.0	41.5	43.1	150.79	-791.8	1,825.1	132.4	60.9	71.47	1.852		
7,000.0	6,617.8	7,009.3	6,617.8	41.4	43.1	152.61	-791.8	1,825.1	142.3	72.9	69.36	2.052		
7,050.0	6,665.6	7,061.1	6,669.6	41.3	43.1	154.77	-791.8	1,824.8	155.3	88.6	66.70	2.328		
7,100.0	6,712.3	7,121.5	6,729.9	41.2	43.1	156.95	-791.8	1,820.5	168.6	105.0	63.67	2.648		
7,150.0	6,757.6	7,183.8	6,791.3	41.1	43.1	158.75	-791.9	1,810.8	181.5	120.8	60.66	2.992		
7,200.0	6,801.3	7,247.9	6,853.5	40.9	43.0	160.22	-792.1	1,795.3	193.6	136.0	57.64	3.359		
7,250.0	6,843.3	7,313.9	6,915.8	40.8	42.8	161.43	-792.3	1,773.6	204.9	150.2	54.63	3.750		
7,300.0	6,883.2	7,381.6	6,977.4	40.7	42.6	162.43	-792.6	1,745.4	215.1	163.5	51.64	4.165		
7,350.0	6,921.0	7,451.2	7,037.6	40.5	42.4	163.24	-793.0	1,710.6	224.2	175.5	48.69	4.604		
7,400.0	6,956.3	7,522.3	7,095.3	40.4	42.3	163.89	-793.5	1,669.1	231.9	186.1	45.81	5.062		
7,450.0	6,989.2	7,594.8	7,149.6	40.3	42.1	164.38	-794.0	1,621.2	238.2	195.2	43.04	5.534		
7,500.0	7,019.3	7,668.4	7,199.5	40.3	41.9	164.74	-794.6	1,567.1	243.0	202.5	40.43	6.009		
7,550.0	7,046.5	7,742.9	7,244.1	40.2	41.8	164.97	-795.3	1,507.5	246.1	208.1	38.05	6.468		
7,600.0	7,070.8	7,817.8	7,282.4	40.2	41.7	165.08	-796.0	1,443.1	247.6	211.6	35.98	6.882		
7,650.0	7,091.9	7,892.9	7,313.9	40.2	41.7	165.06	-796.7	1,374.9	247.4	213.1	34.28	7.218		
7,700.0	7,109.9	7,967.8	7,338.0	40.2	41.8	164.92	-797.5	1,304.1	245.5	212.5	33.03	7.433		
7,750.0	7,124.5	8,042.1	7,354.5	40.3	42.0	164.66	-798.3	1,231.7	242.0	209.7	32.30	7.492		
7,800.0	7,135.8	8,115.5	7,363.3	40.4	42.2	164.26	-799.1	1,158.9	236.8	204.7	32.11	7.375		
7,850.0	7,143.6	8,181.5	7,364.0	40.5	42.4	163.74	-799.8	1,093.9	229.4	197.0	32.42	7.077		
7,900.0	7,148.0	8,231.3	7,364.1	40.7	42.7	163.53	-800.4	1,044.1	225.3	192.6	32.71	6.887		
7,937.1	7,149.0	8,268.3	7,364.1	40.8	42.9	163.48	-800.8	1,007.1	224.4	191.3	33.05	6.788		
7,937.8	7,149.0	8,269.1	7,364.1	40.8	42.9	163.48	-800.8	1,006.4	224.4	191.3	33.06	6.786		
7,937.9	7,149.0	8,269.1	7,364.1	40.8	42.9	163.48	-800.8	1,006.3	224.4	191.3	33.06	6.786		
7,938.7	7,149.0	8,269.9	7,364.1	40.8	42.9	163.48	-800.8	1,005.5	224.4	191.3	33.07	6.784		
8,000.0	7,149.0	8,331.3	7,364.2	41.1	43.2	163.48	-801.5	944.2	224.4	190.6	33.83	6.633		
8,100.0	7,149.0	8,431.3	7,364.3	41.7	44.0	163.48	-802.6	844.2	224.5	189.4	35.14	6.389		
8,200.0	7,149.0	8,531.3	7,364.4	42.4	44.9	163.49	-803.7	744.2	224.6	188.1	36.52	6.150		
8,300.0	7,149.0	8,631.3	7,364.4	43.4	46.0	163.49	-804.8	644.2	224.7	186.7	37.97	5.918		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	7,149.0	8,731.3	7,364.5	44.4	47.2	163.50	-805.9	544.2	224.8	185.3	39.48	5.694		
8,500.0	7,149.0	8,831.3	7,364.6	45.7	48.5	163.50	-807.0	444.2	224.9	183.9	41.05	5.479		
8,600.0	7,149.0	8,931.3	7,364.7	47.1	50.0	163.51	-808.1	344.2	225.0	182.3	42.66	5.274		
8,700.0	7,149.0	9,031.3	7,364.8	48.6	51.7	163.51	-809.2	244.2	225.1	180.8	44.31	5.080		
8,800.0	7,149.0	9,131.3	7,364.9	50.3	53.4	163.51	-810.3	144.2	225.2	179.2	46.00	4.895		
8,900.0	7,149.0	9,231.3	7,365.0	52.1	55.2	163.52	-811.4	44.2	225.3	177.6	47.73	4.720		
9,000.0	7,149.0	9,331.3	7,365.1	54.0	57.1	163.52	-812.5	-55.8	225.4	175.9	49.48	4.555		
9,100.0	7,149.0	9,431.3	7,365.2	56.0	59.1	163.53	-813.6	-155.8	225.5	174.2	51.26	4.398		
9,200.0	7,149.0	9,531.3	7,365.3	58.0	61.2	163.53	-814.7	-255.8	225.6	172.5	53.07	4.250		
9,300.0	7,149.0	9,631.3	7,365.4	60.1	63.4	163.54	-815.8	-355.8	225.7	170.8	54.90	4.111		
9,400.0	7,149.0	9,731.3	7,365.5	62.3	65.5	163.54	-816.9	-455.8	225.8	169.0	56.74	3.979		
9,500.0	7,149.0	9,831.3	7,365.6	64.6	67.8	163.55	-818.0	-555.7	225.9	167.2	58.61	3.854		
9,600.0	7,149.0	9,931.3	7,365.7	66.9	70.1	163.55	-819.1	-655.7	226.0	165.5	60.49	3.735		
9,700.0	7,149.0	10,031.3	7,365.8	69.2	72.4	163.55	-820.2	-755.7	226.0	163.7	62.38	3.624		
9,800.0	7,149.0	10,131.3	7,365.9	71.6	74.8	163.56	-821.3	-855.7	226.1	161.9	64.29	3.517		
9,900.0	7,149.0	10,231.3	7,366.0	74.0	77.2	163.56	-822.4	-955.7	226.2	160.0	66.21	3.417		
10,000.0	7,149.0	10,331.3	7,366.1	76.4	79.6	163.57	-823.5	-1,055.7	226.3	158.2	68.14	3.322		
10,100.0	7,149.0	10,431.3	7,366.2	78.8	82.0	163.57	-824.5	-1,155.7	226.4	156.3	70.08	3.231		
10,200.0	7,149.0	10,531.3	7,366.3	81.3	84.5	163.58	-825.6	-1,255.7	226.5	154.5	72.03	3.145		
10,300.0	7,149.0	10,631.3	7,366.4	83.8	87.0	163.58	-826.7	-1,355.7	226.6	152.6	73.99	3.063		
10,400.0	7,149.0	10,731.3	7,366.5	86.4	89.5	163.58	-827.8	-1,455.7	226.7	150.8	75.95	2.985		
10,500.0	7,149.0	10,831.3	7,366.6	88.9	92.1	163.59	-828.9	-1,555.7	226.8	148.9	77.92	2.911		
10,600.0	7,149.0	10,931.3	7,366.7	91.5	94.6	163.59	-830.0	-1,655.7	226.9	147.0	79.90	2.840		
10,700.0	7,149.0	11,031.3	7,366.8	94.0	97.2	163.60	-831.1	-1,755.7	227.0	145.1	81.88	2.772		
10,800.0	7,149.0	11,131.3	7,366.9	96.6	99.7	163.60	-832.2	-1,855.7	227.1	143.2	83.87	2.708		
10,900.0	7,149.0	11,231.3	7,367.0	99.2	102.3	163.61	-833.3	-1,955.7	227.2	141.3	85.87	2.646		
11,000.0	7,149.0	11,331.3	7,367.0	101.8	104.9	163.61	-834.4	-2,055.7	227.3	139.4	87.87	2.587		
11,100.0	7,149.0	11,431.3	7,367.1	104.5	107.6	163.61	-835.5	-2,155.6	227.4	137.5	89.87	2.530		
11,200.0	7,149.0	11,531.3	7,367.2	107.1	110.2	163.62	-836.6	-2,255.6	227.5	135.6	91.88	2.476		
11,300.0	7,149.0	11,631.3	7,367.3	109.7	112.8	163.62	-837.7	-2,355.6	227.6	133.7	93.89	2.424		
11,400.0	7,149.0	11,731.3	7,367.4	112.4	115.4	163.63	-838.8	-2,455.6	227.7	131.8	95.90	2.374		
11,500.0	7,149.0	11,831.3	7,367.5	115.0	118.1	163.63	-839.9	-2,555.6	227.8	129.8	97.92	2.326		
11,600.0	7,149.0	11,931.3	7,367.6	117.7	120.8	163.63	-841.0	-2,655.6	227.9	127.9	99.94	2.280		
11,700.0	7,149.0	12,031.3	7,367.7	120.4	123.4	163.64	-842.1	-2,755.6	228.0	126.0	101.97	2.236		
11,800.0	7,149.0	12,131.3	7,367.8	123.1	126.1	163.64	-843.2	-2,855.6	228.0	124.1	103.99	2.193		
11,900.0	7,149.0	12,231.3	7,367.9	125.7	128.8	163.65	-844.3	-2,955.6	228.1	122.1	106.02	2.152		
12,000.0	7,149.0	12,331.3	7,368.0	128.4	131.4	163.65	-845.4	-3,055.6	228.2	120.2	108.05	2.112		
12,100.0	7,149.0	12,431.3	7,368.1	131.1	134.1	163.66	-846.5	-3,155.6	228.3	118.3	110.08	2.074		
12,200.0	7,149.0	12,531.3	7,368.2	133.8	136.8	163.66	-847.6	-3,255.6	228.4	116.3	112.12	2.037		
12,300.0	7,149.0	12,631.3	7,368.3	136.5	139.5	163.66	-848.7	-3,355.6	228.5	114.4	114.15	2.002		
12,400.0	7,149.0	12,731.3	7,368.4	139.2	142.2	163.67	-849.8	-3,455.6	228.6	112.4	116.19	1.968		
12,500.0	7,149.0	12,831.3	7,368.5	142.0	144.9	163.67	-850.9	-3,555.6	228.7	110.5	118.23	1.934		
12,600.0	7,149.0	12,931.3	7,368.6	144.7	147.6	163.68	-852.0	-3,655.6	228.8	108.5	120.27	1.902		
12,700.0	7,149.0	13,031.3	7,368.7	147.4	150.3	163.68	-853.1	-3,755.5	228.9	106.6	122.31	1.871		
12,800.0	7,149.0	13,131.3	7,368.8	150.1	153.1	163.69	-854.2	-3,855.5	229.0	104.6	124.36	1.841		
12,900.0	7,149.0	13,231.3	7,368.9	152.8	155.8	163.69	-855.3	-3,955.5	229.1	102.7	126.40	1.812		
13,000.0	7,149.0	13,331.3	7,369.0	155.6	158.5	163.69	-856.4	-4,055.5	229.2	100.7	128.45	1.784		
13,100.0	7,149.0	13,431.3	7,369.1	158.3	161.2	163.70	-857.5	-4,155.5	229.3	98.8	130.49	1.757		
13,200.0	7,149.0	13,531.3	7,369.2	161.0	164.0	163.70	-858.6	-4,255.5	229.4	96.8	132.54	1.731		
13,300.0	7,149.0	13,631.3	7,369.3	163.8	166.7	163.71	-859.7	-4,355.5	229.5	94.9	134.59	1.705		
13,400.0	7,149.0	13,731.3	7,369.4	166.5	169.4	163.71	-860.8	-4,455.5	229.6	92.9	136.64	1.680		
13,500.0	7,149.0	13,831.3	7,369.5	169.3	172.2	163.71	-861.9	-4,555.5	229.7	91.0	138.69	1.656		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.0	7,149.0	13,931.3	7,369.6	172.0	174.9	163.72	-863.0	-4,655.5	229.8	89.0	140.74	1.633		
13,700.0	7,149.0	14,031.3	7,369.6	174.7	177.6	163.72	-864.1	-4,755.5	229.9	87.1	142.79	1.610		
13,800.0	7,149.0	14,131.3	7,369.7	177.5	180.4	163.73	-865.2	-4,855.5	230.0	85.1	144.84	1.588		
13,900.0	7,149.0	14,231.3	7,369.8	180.2	183.1	163.73	-866.3	-4,955.5	230.1	83.2	146.89	1.566		
14,000.0	7,149.0	14,331.3	7,369.9	183.0	185.9	163.74	-867.4	-5,055.5	230.1	81.2	148.95	1.545		
14,100.0	7,149.0	14,431.3	7,370.0	185.7	188.6	163.74	-868.5	-5,155.5	230.2	79.2	151.00	1.525		
14,200.0	7,149.0	14,531.3	7,370.1	188.5	191.4	163.74	-869.6	-5,255.5	230.3	77.3	153.05	1.505		
14,300.0	7,149.0	14,631.3	7,370.2	191.3	194.1	163.75	-870.7	-5,355.5	230.4	75.3	155.11	1.486 Level 3		
14,400.0	7,149.0	14,731.3	7,370.3	194.0	196.9	163.75	-871.8	-5,455.4	230.5	73.4	157.16	1.467 Level 3		
14,500.0	7,149.0	14,831.3	7,370.4	196.8	199.6	163.76	-872.9	-5,555.4	230.6	71.4	159.22	1.448 Level 3		
14,600.0	7,149.0	14,931.3	7,370.5	199.5	202.4	163.76	-874.0	-5,655.4	230.7	69.4	161.27	1.431 Level 3		
14,700.0	7,149.0	15,031.3	7,370.6	202.3	205.2	163.76	-875.1	-5,755.4	230.8	67.5	163.33	1.413 Level 3		
14,800.0	7,149.0	15,131.3	7,370.7	205.1	207.9	163.77	-876.2	-5,855.4	230.9	65.5	165.38	1.396 Level 3		
14,900.0	7,149.0	15,231.3	7,370.8	207.8	210.7	163.77	-877.3	-5,955.4	231.0	63.6	167.44	1.380 Level 3		
15,000.0	7,149.0	15,331.3	7,370.9	210.6	213.4	163.78	-878.4	-6,055.4	231.1	61.6	169.49	1.363 Level 3		
15,100.0	7,149.0	15,431.3	7,371.0	213.4	216.2	163.78	-879.5	-6,155.4	231.2	59.6	171.55	1.348 Level 3		
15,200.0	7,149.0	15,531.3	7,371.1	216.1	219.0	163.79	-880.6	-6,255.4	231.3	57.7	173.61	1.332 Level 3		
15,300.0	7,149.0	15,631.3	7,371.2	218.9	221.7	163.79	-881.7	-6,355.4	231.4	55.7	175.66	1.317 Level 3		
15,400.0	7,149.0	15,731.3	7,371.3	221.7	224.5	163.79	-882.8	-6,455.4	231.5	53.8	177.72	1.303 Level 3		
15,500.0	7,149.0	15,831.3	7,371.4	224.4	227.3	163.80	-883.9	-6,555.4	231.6	51.8	179.78	1.288 Level 3		
15,600.0	7,149.0	15,931.3	7,371.5	227.2	230.0	163.80	-885.0	-6,655.4	231.7	49.8	181.83	1.274 Level 3		
15,700.0	7,149.0	16,031.3	7,371.6	230.0	232.8	163.81	-886.1	-6,755.4	231.8	47.9	183.89	1.260 Level 3		
15,800.0	7,149.0	16,131.3	7,371.7	232.8	235.6	163.81	-887.2	-6,855.4	231.9	45.9	185.94	1.247 Level 2		
15,900.0	7,149.0	16,231.3	7,371.8	235.5	238.4	163.81	-888.3	-6,955.4	232.0	44.0	188.00	1.234 Level 2		
16,000.0	7,149.0	16,331.3	7,371.9	238.3	241.1	163.82	-889.4	-7,055.3	232.1	42.0	190.06	1.221 Level 2		
16,100.0	7,149.0	16,431.3	7,372.0	241.1	243.9	163.82	-890.5	-7,155.3	232.2	40.0	192.11	1.208 Level 2		
16,200.0	7,149.0	16,531.3	7,372.1	243.9	246.7	163.83	-891.6	-7,255.3	232.2	38.1	194.17	1.196 Level 2		
16,300.0	7,149.0	16,631.3	7,372.2	246.7	249.4	163.83	-892.7	-7,355.3	232.3	36.1	196.23	1.184 Level 2		
16,400.0	7,149.0	16,731.3	7,372.2	249.4	252.2	163.83	-893.8	-7,455.3	232.4	34.2	198.28	1.172 Level 2		
16,500.0	7,149.0	16,831.3	7,372.3	252.2	255.0	163.84	-894.9	-7,555.3	232.5	32.2	200.34	1.161 Level 2		
16,600.0	7,149.0	16,931.3	7,372.4	255.0	257.8	163.84	-896.0	-7,655.3	232.6	30.2	202.39	1.149 Level 2		
16,700.0	7,149.0	17,031.3	7,372.5	257.8	260.6	163.85	-897.1	-7,755.3	232.7	28.3	204.45	1.138 Level 2		
16,800.0	7,149.0	17,131.2	7,372.6	260.6	263.3	163.85	-898.2	-7,855.3	232.8	26.3	206.50	1.127 Level 2		
16,900.0	7,149.0	17,231.2	7,372.7	263.3	266.1	163.86	-899.3	-7,955.3	232.9	24.4	208.56	1.117 Level 2		
17,000.0	7,149.0	17,331.2	7,372.8	266.1	268.9	163.86	-900.4	-8,055.3	233.0	22.4	210.62	1.106 Level 2		
17,100.0	7,149.0	17,431.2	7,372.9	268.9	271.7	163.86	-901.5	-8,155.3	233.1	20.4	212.67	1.096 Level 2		
17,200.0	7,149.0	17,531.2	7,373.0	271.7	274.5	163.87	-902.6	-8,255.3	233.2	18.5	214.73	1.086 Level 2		
17,300.0	7,149.0	17,631.2	7,373.1	274.5	277.2	163.87	-903.7	-8,355.3	233.3	16.5	216.78	1.076 Level 2		
17,400.0	7,149.0	17,731.2	7,373.2	277.3	280.0	163.88	-904.8	-8,455.3	233.4	14.6	218.84	1.067 Level 2		
17,500.0	7,149.0	17,831.2	7,373.3	280.0	282.8	163.88	-905.9	-8,555.3	233.5	12.6	220.89	1.057 Level 2		
17,600.0	7,149.0	17,931.2	7,373.4	282.8	285.6	163.88	-907.0	-8,655.2	233.6	10.6	222.94	1.048 Level 2		
17,700.0	7,149.0	18,031.2	7,373.5	285.6	288.4	163.89	-908.1	-8,755.2	233.7	8.7	225.00	1.039 Level 2		
17,800.0	7,149.0	18,131.2	7,373.6	288.4	291.2	163.89	-909.2	-8,855.2	233.8	6.7	227.05	1.030 Level 2		
17,900.0	7,149.0	18,231.2	7,373.7	291.2	293.9	163.90	-910.3	-8,955.2	233.9	4.8	229.11	1.021 Level 2		
18,000.0	7,149.0	18,331.2	7,373.8	294.0	296.7	163.90	-911.4	-9,055.2	234.0	2.8	231.16	1.012 Level 2		
18,100.0	7,149.0	18,431.2	7,373.9	296.8	299.5	163.90	-912.5	-9,155.2	234.1	0.8	233.21	1.004 Level 2		
18,200.0	7,149.0	18,531.2	7,374.0	299.5	302.3	163.91	-913.6	-9,255.2	234.2	-1.1	235.26	0.995 Level 1		
18,220.4	7,149.0	18,550.8	7,374.0	300.1	302.8	163.91	-913.8	-9,274.8	234.2	-1.5	235.67	0.994 Level 1, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-14.9	0.0	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-14.9	0.0	14.9	14.7	0.22	66.457		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-14.9	0.0	14.9	14.3	0.67	22.152 CC		
300.0	300.0	299.8	299.8	0.6	0.5	175.74	-15.5	1.2	15.6	14.5	1.11	14.075		
400.0	400.0	399.5	399.4	0.8	0.8	165.05	-17.3	4.6	17.9	16.4	1.54	11.632		
500.0	500.0	498.9	498.6	1.0	1.0	38.47	-20.3	10.4	21.8	19.8	1.97	11.057		
600.0	599.9	598.3	597.6	1.2	1.2	31.61	-24.5	18.4	26.2	23.8	2.40	10.879		
700.0	699.7	697.5	696.1	1.4	1.5	26.84	-29.8	28.7	30.8	27.9	2.85	10.782		
800.0	799.3	796.6	794.2	1.7	1.9	23.40	-36.3	41.3	35.5	32.2	3.32	10.712		
900.0	898.6	895.5	891.7	1.9	2.2	20.84	-43.9	56.1	40.4	36.6	3.79	10.647		
1,000.0	997.5	994.4	988.6	2.2	2.6	18.90	-52.7	73.1	45.3	41.0	4.28	10.575		
1,100.0	1,096.1	1,093.1	1,084.9	2.6	3.0	17.38	-62.6	92.3	50.2	45.4	4.78	10.492		
1,200.0	1,194.2	1,191.6	1,180.5	3.0	3.5	16.19	-73.7	113.7	55.1	49.8	5.30	10.398		
1,300.0	1,291.7	1,290.1	1,275.3	3.4	4.1	15.24	-85.8	137.2	60.0	54.2	5.84	10.290		
1,400.0	1,388.6	1,388.4	1,369.3	3.9	4.7	14.47	-99.1	162.9	64.9	58.6	6.38	10.174		
1,500.0	1,484.9	1,486.6	1,462.4	4.4	5.3	13.85	-113.5	190.7	69.8	62.9	6.95	10.043		
1,600.0	1,580.4	1,584.6	1,554.5	5.0	6.0	13.34	-128.9	220.5	74.7	67.1	7.54	9.902		
1,700.0	1,675.0	1,682.6	1,645.6	5.6	6.7	12.93	-145.4	252.4	79.5	71.3	8.15	9.752		
1,800.0	1,768.9	1,780.4	1,735.7	6.3	7.5	12.60	-162.9	286.4	84.2	75.5	8.78	9.595		
1,900.0	1,861.7	1,878.1	1,824.7	7.1	8.3	12.34	-181.4	322.3	88.9	79.5	9.43	9.432		
2,000.0	1,953.6	1,976.1	1,912.8	7.9	9.2	12.13	-201.1	360.3	93.6	83.5	10.11	9.260		
2,070.9	2,018.1	2,046.9	1,976.2	8.5	9.9	12.11	-215.5	388.3	96.0	85.3	10.61	9.044		
2,100.0	2,044.5	2,076.1	2,002.3	8.7	10.2	12.15	-221.5	399.8	96.7	85.8	10.83	8.924		
2,200.0	2,135.1	2,176.0	2,091.9	9.6	11.1	12.25	-241.9	439.3	99.1	87.5	11.61	8.540		
2,300.0	2,225.6	2,276.0	2,181.4	10.5	12.1	12.35	-262.3	478.8	101.6	89.2	12.39	8.197		
2,400.0	2,316.2	2,376.0	2,270.9	11.4	13.0	12.44	-282.7	518.3	104.0	90.8	13.18	7.890		
2,500.0	2,406.8	2,475.9	2,360.5	12.3	14.0	12.53	-303.1	557.8	106.4	92.5	13.98	7.613		
2,600.0	2,497.4	2,575.9	2,450.0	13.2	14.9	12.61	-323.5	597.3	108.9	94.1	14.79	7.363		
2,700.0	2,588.0	2,675.9	2,539.5	14.1	15.9	12.69	-344.0	636.8	111.3	95.7	15.60	7.136		
2,800.0	2,678.6	2,775.8	2,629.1	15.0	16.9	12.77	-364.4	676.3	113.8	97.4	16.42	6.930		
2,900.0	2,769.2	2,875.8	2,718.6	15.9	17.8	12.85	-384.8	715.9	116.2	99.0	17.24	6.741		
3,000.0	2,859.7	2,975.8	2,808.1	16.8	18.8	12.92	-405.2	755.4	118.7	100.6	18.07	6.568		
3,100.0	2,950.3	3,075.8	2,897.7	17.7	19.8	12.98	-425.6	794.9	121.1	102.2	18.90	6.409		
3,200.0	3,040.9	3,175.7	2,987.2	18.7	20.7	13.05	-446.0	834.4	123.6	103.8	19.73	6.262		
3,300.0	3,131.5	3,275.7	3,076.7	19.6	21.7	13.11	-466.4	873.9	126.0	105.4	20.57	6.126		
3,400.0	3,222.1	3,375.7	3,166.3	20.5	22.7	13.17	-486.8	913.4	128.5	107.1	21.41	6.000		
3,500.0	3,312.7	3,475.6	3,255.8	21.4	23.6	13.23	-507.3	952.9	130.9	108.7	22.25	5.883		
3,600.0	3,403.2	3,575.6	3,345.3	22.3	24.6	13.29	-527.7	992.4	133.4	110.3	23.10	5.774		
3,700.0	3,493.8	3,675.6	3,434.9	23.2	25.6	13.34	-548.1	1,031.9	135.8	111.9	23.94	5.672		
3,800.0	3,584.4	3,775.5	3,524.4	24.2	26.6	13.40	-568.5	1,071.4	138.3	113.5	24.79	5.577		
3,900.0	3,675.0	3,875.5	3,613.9	25.1	27.5	13.45	-588.9	1,111.0	140.7	115.1	25.64	5.487		
4,000.0	3,765.6	3,975.5	3,703.5	26.0	28.5	13.49	-609.3	1,150.5	143.2	116.7	26.49	5.403		
4,100.0	3,856.2	4,075.5	3,793.0	26.9	29.5	13.54	-629.7	1,190.0	145.6	118.3	27.35	5.324		
4,200.0	3,946.7	4,175.4	3,882.5	27.8	30.5	13.59	-650.1	1,229.5	148.0	119.8	28.20	5.250		
4,300.0	4,037.3	4,275.4	3,972.1	28.8	31.4	13.63	-670.6	1,269.0	150.5	121.4	29.06	5.179		
4,400.0	4,127.9	4,375.4	4,061.6	29.7	32.4	13.67	-691.0	1,308.5	152.9	123.0	29.91	5.113		
4,500.0	4,218.5	4,475.3	4,151.1	30.6	33.4	13.72	-711.4	1,348.0	155.4	124.6	30.77	5.050		
4,600.0	4,309.1	4,575.3	4,240.7	31.5	34.4	13.76	-731.8	1,387.5	157.8	126.2	31.63	4.990		
4,700.0	4,399.7	4,675.3	4,330.2	32.4	35.3	13.79	-752.2	1,427.0	160.3	127.8	32.49	4.933		
4,800.0	4,490.3	4,775.2	4,419.7	33.4	36.3	13.83	-772.6	1,466.5	162.7	129.4	33.35	4.879		
4,900.0	4,580.8	4,875.2	4,509.3	34.3	37.3	13.87	-793.0	1,506.1	165.2	131.0	34.22	4.828		
5,000.0	4,671.4	4,975.2	4,598.8	35.2	38.3	13.90	-813.5	1,545.6	167.6	132.6	35.08	4.779		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,762.0	5,079.4	4,692.6	36.1	39.2	14.01	-834.3	1,586.0	169.2	133.2	35.98	4.703		
5,127.0	4,786.4	5,108.0	4,718.6	36.4	39.4	14.09	-839.8	1,596.6	169.0	132.8	36.24	4.664		
5,200.0	4,853.0	5,185.5	4,789.6	37.0	39.9	14.33	-854.0	1,624.1	168.2	131.3	36.95	4.552		
5,300.0	4,945.3	5,291.5	4,888.0	37.6	40.6	14.66	-872.1	1,659.0	166.9	129.1	37.85	4.410		
5,400.0	5,038.9	5,397.5	4,987.8	38.3	41.2	15.00	-888.4	1,690.6	165.4	126.7	38.68	4.276		
5,500.0	5,133.7	5,503.3	5,088.8	38.8	41.8	15.34	-903.0	1,718.9	163.7	124.2	39.44	4.150		
5,600.0	5,229.5	5,609.1	5,190.8	39.3	42.3	15.69	-915.9	1,743.9	161.7	121.6	40.13	4.031		
5,700.0	5,326.3	5,714.8	5,293.6	39.7	42.7	16.04	-927.0	1,765.4	159.6	118.9	40.75	3.917		
5,800.0	5,423.8	5,820.4	5,397.2	40.1	43.0	16.41	-936.4	1,783.6	157.3	116.0	41.30	3.808		
5,900.0	5,522.1	5,925.9	5,501.4	40.4	43.3	16.78	-944.0	1,798.3	154.8	113.0	41.78	3.704		
6,000.0	5,621.0	6,031.3	5,606.0	40.7	43.6	17.17	-949.9	1,809.7	152.0	109.8	42.20	3.603		
6,100.0	5,720.3	6,136.6	5,710.9	40.9	43.7	17.57	-954.0	1,817.5	149.1	106.6	42.55	3.505		
6,200.0	5,820.0	6,241.7	5,815.9	41.1	43.9	17.99	-956.3	1,822.0	146.1	103.2	42.84	3.409		
6,300.0	5,919.9	6,345.7	5,919.9	41.2	43.9	18.41	-956.8	1,823.1	142.9	99.8	43.07	3.317		
6,380.1	6,000.0	6,425.8	6,000.0	41.3	44.0	134.98	-956.8	1,823.1	141.8	60.1	81.75	1.735		
6,400.0	6,019.9	6,445.7	6,019.9	41.3	44.0	134.98	-956.8	1,823.1	141.8	60.0	81.77	1.734		
6,500.0	6,119.9	6,545.7	6,119.9	41.3	44.1	134.98	-956.8	1,823.1	141.8	59.9	81.90	1.731		
6,600.0	6,219.9	6,645.7	6,219.9	41.4	44.1	134.98	-956.8	1,823.1	141.8	59.8	82.03	1.729		
6,700.0	6,319.9	6,745.7	6,319.9	41.5	44.2	134.98	-956.8	1,823.1	141.8	59.6	82.17	1.726		
6,800.0	6,419.9	6,845.7	6,419.9	41.5	44.3	134.98	-956.8	1,823.1	141.8	59.5	82.30	1.723		
6,813.1	6,433.0	6,858.8	6,433.0	41.5	44.3	134.98	-956.8	1,823.1	141.8	59.5	82.32	1.723		
6,850.0	6,469.9	6,895.7	6,469.9	41.6	44.3	-134.61	-956.8	1,823.1	142.5	98.8	43.62	3.266		
6,900.0	6,519.7	6,950.0	6,524.2	41.5	44.3	-135.61	-956.8	1,822.4	145.1	102.7	42.47	3.417		
6,950.0	6,569.0	7,008.5	6,582.5	41.5	44.3	-136.61	-956.9	1,817.5	147.7	106.5	41.22	3.583		
7,000.0	6,617.8	7,067.4	6,640.5	41.4	44.2	-137.42	-957.0	1,807.8	149.9	109.9	40.03	3.745		
7,050.0	6,665.6	7,126.6	6,697.9	41.3	44.1	-138.04	-957.2	1,793.2	151.6	112.7	38.90	3.898		
7,100.0	6,712.3	7,186.0	6,754.0	41.2	44.0	-138.48	-957.4	1,773.9	152.9	115.1	37.86	4.040		
7,150.0	6,757.6	7,245.5	6,808.5	41.1	43.9	-138.75	-957.6	1,749.9	153.7	116.8	36.94	4.161		
7,200.0	6,801.3	7,305.2	6,860.9	40.9	43.7	-138.85	-958.0	1,721.4	154.0	117.8	36.19	4.255		
7,250.0	6,843.3	7,364.8	6,910.7	40.8	43.5	-138.77	-958.3	1,688.7	153.8	118.1	35.69	4.308		
7,300.0	6,883.2	7,424.4	6,957.6	40.7	43.4	-138.53	-958.7	1,651.9	153.0	117.5	35.51	4.310		
7,350.0	6,921.0	7,483.8	7,001.2	40.5	43.3	-138.11	-959.2	1,611.5	151.8	116.1	35.71	4.251		
7,400.0	6,956.3	7,543.0	7,041.1	40.4	43.1	-137.51	-959.7	1,567.8	150.1	113.7	36.37	4.127		
7,450.0	6,989.2	7,602.0	7,077.1	40.3	43.0	-136.73	-960.2	1,521.2	148.0	110.4	37.52	3.943		
7,500.0	7,019.3	7,660.5	7,109.0	40.3	43.0	-135.75	-960.7	1,472.1	145.4	106.2	39.19	3.710		
7,550.0	7,046.5	7,718.6	7,136.6	40.2	42.9	-134.58	-961.3	1,421.0	142.5	101.1	41.37	3.444		
7,600.0	7,070.8	7,776.3	7,159.7	40.2	43.0	-133.19	-961.9	1,368.2	139.2	95.2	44.01	3.164		
7,650.0	7,091.9	7,833.5	7,178.4	40.2	43.0	-131.57	-962.4	1,314.2	135.7	88.7	47.07	2.884		
7,700.0	7,109.9	7,890.1	7,192.6	40.2	43.1	-129.71	-963.1	1,259.4	132.0	81.5	50.48	2.616		
7,750.0	7,124.5	7,946.1	7,202.4	40.3	43.2	-127.60	-963.7	1,204.3	128.2	74.0	54.15	2.367		
7,800.0	7,135.8	8,001.5	7,207.8	40.4	43.4	-125.22	-964.3	1,149.1	124.3	66.3	58.01	2.143		
7,850.0	7,143.6	8,054.8	7,209.1	40.5	43.5	-122.71	-964.9	1,095.9	120.6	58.7	61.83	1.950		
7,900.0	7,148.0	8,104.6	7,209.4	40.7	43.7	-121.20	-965.4	1,046.1	118.4	53.7	64.72	1.829		
7,933.9	7,149.0	8,138.5	7,209.6	40.8	43.9	-120.90	-965.8	1,012.2	118.0	51.8	66.15	1.783		
7,937.8	7,149.0	8,142.4	7,209.6	40.8	43.9	-120.90	-965.8	1,008.3	118.0	51.7	66.29	1.780		
7,937.9	7,149.0	8,142.4	7,209.6	40.8	43.9	-120.90	-965.8	1,008.3	118.0	51.7	66.29	1.780		
7,938.7	7,149.0	8,143.2	7,209.6	40.8	43.9	-120.91	-965.8	1,007.5	118.0	51.7	66.30	1.780		
8,000.0	7,149.0	8,204.6	7,210.0	41.1	44.3	-121.06	-966.5	946.1	118.2	51.1	67.04	1.763		
8,100.0	7,149.0	8,304.6	7,210.5	41.7	44.9	-121.30	-967.6	846.1	118.4	49.9	68.51	1.729		
8,200.0	7,149.0	8,404.6	7,211.1	42.4	45.8	-121.54	-968.7	746.1	118.7	48.5	70.28	1.689		
8,300.0	7,149.0	8,504.6	7,211.7	43.4	46.8	-121.78	-969.8	646.1	119.0	46.7	72.32	1.646		
8,400.0	7,149.0	8,604.6	7,212.3	44.4	47.9	-122.02	-970.9	546.2	119.3	44.7	74.59	1.600		

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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.0	7,149.0	8,704.6	7,212.8	45.7	49.2	-122.25	-972.0	446.2	119.6	42.5	77.08	1.552		
8,600.0	7,149.0	8,804.6	7,213.4	47.1	50.7	-122.49	-973.1	346.2	119.9	40.2	79.76	1.504		
8,700.0	7,149.0	8,904.6	7,214.0	48.6	52.2	-122.72	-974.2	246.2	120.2	37.6	82.61	1.455 Level 3		
8,800.0	7,149.0	9,004.6	7,214.6	50.3	53.9	-122.96	-975.3	146.2	120.5	34.9	85.61	1.408 Level 3		
8,900.0	7,149.0	9,104.6	7,215.1	52.1	55.7	-123.19	-976.4	46.2	120.8	32.1	88.73	1.362 Level 3		
9,000.0	7,149.0	9,204.5	7,215.7	54.0	57.6	-123.42	-977.5	-53.8	121.1	29.2	91.97	1.317 Level 3		
9,100.0	7,149.0	9,304.5	7,216.3	56.0	59.6	-123.65	-978.6	-153.8	121.5	26.1	95.30	1.274 Level 3		
9,200.0	7,149.0	9,404.5	7,216.9	58.0	61.6	-123.88	-979.7	-253.8	121.8	23.0	98.72	1.233 Level 2		
9,300.0	7,149.0	9,504.5	7,217.5	60.1	63.7	-124.11	-980.8	-353.8	122.1	19.9	102.22	1.194 Level 2		
9,400.0	7,149.0	9,604.5	7,218.0	62.3	65.9	-124.34	-981.9	-453.7	122.4	16.6	105.77	1.157 Level 2		
9,500.0	7,149.0	9,704.5	7,218.6	64.6	68.1	-124.56	-983.0	-553.7	122.7	13.3	109.38	1.122 Level 2		
9,600.0	7,149.0	9,804.5	7,219.2	66.9	70.4	-124.79	-984.1	-653.7	123.0	10.0	113.03	1.088 Level 2		
9,700.0	7,149.0	9,904.5	7,219.8	69.2	72.7	-125.01	-985.2	-753.7	123.3	6.6	116.73	1.057 Level 2		
9,800.0	7,149.0	10,004.5	7,220.3	71.6	75.1	-125.23	-986.3	-853.7	123.7	3.2	120.45	1.027 Level 2		
9,900.0	7,149.0	10,104.5	7,220.9	74.0	77.5	-125.45	-987.4	-953.7	124.0	-0.2	124.21	0.998 Level 1		
10,000.0	7,149.0	10,204.5	7,221.5	76.4	79.9	-125.67	-988.5	-1,053.7	124.3	-3.7	127.98	0.971 Level 1		
10,100.0	7,149.0	10,304.5	7,222.1	78.8	82.3	-125.89	-989.6	-1,153.7	124.7	-7.1	131.78	0.946 Level 1		
10,200.0	7,149.0	10,404.5	7,222.7	81.3	84.8	-126.11	-990.7	-1,253.7	125.0	-10.6	135.59	0.922 Level 1		
10,300.0	7,149.0	10,504.5	7,223.2	83.8	87.3	-126.33	-991.8	-1,353.7	125.3	-14.1	139.41	0.899 Level 1		
10,400.0	7,149.0	10,604.5	7,223.8	86.4	89.8	-126.54	-992.9	-1,453.7	125.6	-17.6	143.24	0.877 Level 1		
10,500.0	7,149.0	10,704.5	7,224.4	88.9	92.3	-126.75	-994.0	-1,553.6	126.0	-21.1	147.08	0.857 Level 1		
10,600.0	7,149.0	10,804.5	7,225.0	91.5	94.9	-126.97	-995.1	-1,653.6	126.3	-24.6	150.92	0.837 Level 1		
10,700.0	7,149.0	10,904.5	7,225.5	94.0	97.5	-127.18	-996.1	-1,753.6	126.7	-28.1	154.76	0.818 Level 1		
10,800.0	7,149.0	11,004.5	7,226.1	96.6	100.0	-127.39	-997.2	-1,853.6	127.0	-31.6	158.60	0.801 Level 1		
10,900.0	7,149.0	11,104.5	7,226.7	99.2	102.6	-127.60	-998.3	-1,953.6	127.3	-35.1	162.44	0.784 Level 1		
11,000.0	7,149.0	11,204.5	7,227.3	101.8	105.2	-127.81	-999.4	-2,053.6	127.7	-38.6	166.27	0.768 Level 1		
11,100.0	7,149.0	11,304.5	7,227.9	104.5	107.8	-128.02	-1,000.5	-2,153.6	128.0	-42.1	170.10	0.753 Level 1		
11,200.0	7,149.0	11,404.5	7,228.4	107.1	110.5	-128.22	-1,001.6	-2,253.6	128.4	-45.5	173.93	0.738 Level 1		
11,300.0	7,149.0	11,504.5	7,229.0	109.7	113.1	-128.43	-1,002.7	-2,353.6	128.7	-49.0	177.74	0.724 Level 1		
11,400.0	7,149.0	11,604.5	7,229.6	112.4	115.7	-128.63	-1,003.8	-2,453.6	129.1	-52.5	181.55	0.711 Level 1		
11,500.0	7,149.0	11,704.5	7,230.2	115.0	118.4	-128.83	-1,004.9	-2,553.6	129.4	-55.9	185.35	0.698 Level 1		
11,600.0	7,149.0	11,804.5	7,230.7	117.7	121.0	-129.03	-1,006.0	-2,653.5	129.8	-59.4	189.14	0.686 Level 1		
11,700.0	7,149.0	11,904.5	7,231.3	120.4	123.7	-129.24	-1,007.1	-2,753.5	130.1	-62.8	192.92	0.675 Level 1		
11,800.0	7,149.0	12,004.5	7,231.9	123.1	126.4	-129.44	-1,008.2	-2,853.5	130.5	-66.2	196.69	0.663 Level 1		
11,900.0	7,149.0	12,104.5	7,232.5	125.7	129.0	-129.63	-1,009.3	-2,953.5	130.9	-69.6	200.45	0.653 Level 1		
12,000.0	7,149.0	12,204.5	7,233.0	128.4	131.7	-129.83	-1,010.4	-3,053.5	131.2	-73.0	204.19	0.643 Level 1		
12,100.0	7,149.0	12,304.5	7,233.6	131.1	134.4	-130.03	-1,011.5	-3,153.5	131.6	-76.3	207.92	0.633 Level 1		
12,200.0	7,149.0	12,404.5	7,234.2	133.8	137.1	-130.22	-1,012.6	-3,253.5	131.9	-79.7	211.64	0.623 Level 1		
12,300.0	7,149.0	12,504.5	7,234.8	136.5	139.8	-130.42	-1,013.7	-3,353.5	132.3	-83.0	215.35	0.614 Level 1		
12,400.0	7,149.0	12,604.5	7,235.4	139.2	142.5	-130.61	-1,014.8	-3,453.5	132.7	-86.4	219.04	0.606 Level 1		
12,500.0	7,149.0	12,704.5	7,235.9	142.0	145.2	-130.80	-1,015.9	-3,553.5	133.0	-89.7	222.71	0.597 Level 1		
12,600.0	7,149.0	12,804.5	7,236.5	144.7	147.9	-130.99	-1,017.0	-3,653.4	133.4	-93.0	226.37	0.589 Level 1		
12,700.0	7,149.0	12,904.5	7,237.1	147.4	150.6	-131.18	-1,018.1	-3,753.4	133.8	-96.2	230.02	0.582 Level 1		
12,800.0	7,149.0	13,004.5	7,237.7	150.1	153.3	-131.37	-1,019.2	-3,853.4	134.2	-99.5	233.65	0.574 Level 1		
12,900.0	7,149.0	13,104.5	7,238.2	152.8	156.0	-131.56	-1,020.3	-3,953.4	134.5	-102.7	237.27	0.567 Level 1		
13,000.0	7,149.0	13,204.5	7,238.8	155.6	158.8	-131.75	-1,021.4	-4,053.4	134.9	-106.0	240.87	0.560 Level 1		
13,100.0	7,149.0	13,304.5	7,239.4	158.3	161.5	-131.93	-1,022.5	-4,153.4	135.3	-109.2	244.45	0.553 Level 1		
13,200.0	7,149.0	13,404.5	7,240.0	161.0	164.2	-132.12	-1,023.6	-4,253.4	135.7	-112.4	248.02	0.547 Level 1		
13,300.0	7,149.0	13,504.5	7,240.6	163.8	167.0	-132.30	-1,024.7	-4,353.4	136.0	-115.5	251.58	0.541 Level 1		
13,400.0	7,149.0	13,604.5	7,241.1	166.5	169.7	-132.48	-1,025.8	-4,453.4	136.4	-118.7	255.12	0.535 Level 1		
13,500.0	7,149.0	13,704.5	7,241.7	169.3	172.4	-132.66	-1,026.9	-4,553.4	136.8	-121.8	258.64	0.529 Level 1		
13,600.0	7,149.0	13,804.5	7,242.3	172.0	175.2	-132.84	-1,028.0	-4,653.4	137.2	-125.0	262.14	0.523 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 WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.0	7,149.0	13,904.5	7,242.9	174.7	177.9	-133.02	-1,029.1	-4,753.3	137.6	-128.1	265.63	0.518	Level 1	
13,800.0	7,149.0	14,004.5	7,243.4	177.5	180.6	-133.20	-1,030.2	-4,853.3	138.0	-131.1	269.10	0.513	Level 1	
13,900.0	7,149.0	14,104.5	7,244.0	180.2	183.4	-133.38	-1,031.3	-4,953.3	138.3	-134.2	272.56	0.508	Level 1	
14,000.0	7,149.0	14,204.5	7,244.6	183.0	186.1	-133.56	-1,032.4	-5,053.3	138.7	-137.3	276.00	0.503	Level 1	
14,100.0	7,149.0	14,304.5	7,245.2	185.7	188.9	-133.73	-1,033.5	-5,153.3	139.1	-140.3	279.42	0.498	Level 1	
14,200.0	7,149.0	14,404.5	7,245.7	188.5	191.6	-133.91	-1,034.6	-5,253.3	139.5	-143.3	282.83	0.493	Level 1	
14,300.0	7,149.0	14,504.5	7,246.3	191.3	194.4	-134.08	-1,035.7	-5,353.3	139.9	-146.3	286.22	0.489	Level 1	
14,400.0	7,149.0	14,604.5	7,246.9	194.0	197.1	-134.25	-1,036.8	-5,453.3	140.3	-149.3	289.59	0.484	Level 1	
14,500.0	7,149.0	14,704.5	7,247.5	196.8	199.9	-134.42	-1,037.9	-5,553.3	140.7	-152.3	292.95	0.480	Level 1	
14,600.0	7,149.0	14,804.5	7,248.1	199.5	202.7	-134.59	-1,039.0	-5,653.3	141.1	-155.2	296.29	0.476	Level 1	
14,700.0	7,149.0	14,904.5	7,248.6	202.3	205.4	-134.76	-1,040.1	-5,753.3	141.5	-158.1	299.61	0.472	Level 1	
14,800.0	7,149.0	15,004.5	7,249.2	205.1	208.2	-134.93	-1,041.2	-5,853.2	141.9	-161.0	302.92	0.468	Level 1	
14,900.0	7,149.0	15,104.5	7,249.8	207.8	210.9	-135.10	-1,042.3	-5,953.2	142.3	-163.9	306.21	0.465	Level 1	
15,000.0	7,149.0	15,204.4	7,250.4	210.6	213.7	-135.27	-1,043.4	-6,053.2	142.7	-166.8	309.48	0.461	Level 1	
15,100.0	7,149.0	15,304.4	7,250.9	213.4	216.5	-135.43	-1,044.5	-6,153.2	143.1	-169.7	312.74	0.458	Level 1	
15,200.0	7,149.0	15,404.4	7,251.5	216.1	219.2	-135.60	-1,045.6	-6,253.2	143.5	-172.5	315.98	0.454	Level 1	
15,300.0	7,149.0	15,504.4	7,252.1	218.9	222.0	-135.76	-1,046.7	-6,353.2	143.9	-175.3	319.21	0.451	Level 1	
15,400.0	7,149.0	15,604.4	7,252.7	221.7	224.8	-135.93	-1,047.8	-6,453.2	144.3	-178.1	322.42	0.448	Level 1	
15,500.0	7,149.0	15,704.4	7,253.3	224.4	227.5	-136.09	-1,048.9	-6,553.2	144.7	-180.9	325.61	0.444	Level 1	
15,600.0	7,149.0	15,804.4	7,253.8	227.2	230.3	-136.25	-1,050.0	-6,653.2	145.1	-183.7	328.79	0.441	Level 1	
15,700.0	7,149.0	15,904.4	7,254.4	230.0	233.1	-136.41	-1,051.1	-6,753.2	145.5	-186.4	331.95	0.438	Level 1	
15,800.0	7,149.0	16,004.4	7,255.0	232.8	235.8	-136.57	-1,052.2	-6,853.1	145.9	-189.2	335.09	0.436	Level 1	
15,900.0	7,149.0	16,104.4	7,255.6	235.5	238.6	-136.73	-1,053.3	-6,953.1	146.4	-191.9	338.22	0.433	Level 1	
16,000.0	7,149.0	16,204.4	7,256.1	238.3	241.4	-136.89	-1,054.4	-7,053.1	146.8	-194.6	341.33	0.430	Level 1	
16,100.0	7,149.0	16,304.4	7,256.7	241.1	244.2	-137.04	-1,055.4	-7,153.1	147.2	-197.3	344.43	0.427	Level 1	
16,200.0	7,149.0	16,404.4	7,257.3	243.9	246.9	-137.20	-1,056.5	-7,253.1	147.6	-199.9	347.51	0.425	Level 1	
16,300.0	7,149.0	16,504.4	7,257.9	246.7	249.7	-137.35	-1,057.6	-7,353.1	148.0	-202.6	350.58	0.422	Level 1	
16,400.0	7,149.0	16,604.4	7,258.4	249.4	252.5	-137.51	-1,058.7	-7,453.1	148.4	-205.2	353.63	0.420	Level 1	
16,500.0	7,149.0	16,704.4	7,259.0	252.2	255.3	-137.66	-1,059.8	-7,553.1	148.8	-207.8	356.66	0.417	Level 1	
16,600.0	7,149.0	16,804.4	7,259.6	255.0	258.0	-137.81	-1,060.9	-7,653.1	149.3	-210.4	359.68	0.415	Level 1	
16,700.0	7,149.0	16,904.4	7,260.2	257.8	260.8	-137.97	-1,062.0	-7,753.1	149.7	-213.0	362.69	0.413	Level 1	
16,800.0	7,149.0	17,004.4	7,260.8	260.6	263.6	-138.12	-1,063.1	-7,853.1	150.1	-215.6	365.67	0.411	Level 1	
16,900.0	7,149.0	17,104.4	7,261.3	263.3	266.4	-138.27	-1,064.2	-7,953.0	150.5	-218.1	368.65	0.408	Level 1	
17,000.0	7,149.0	17,204.4	7,261.9	266.1	269.1	-138.42	-1,065.3	-8,053.0	151.0	-220.6	371.61	0.406	Level 1	
17,100.0	7,149.0	17,304.4	7,262.5	268.9	271.9	-138.56	-1,066.4	-8,153.0	151.4	-223.2	374.55	0.404	Level 1	
17,200.0	7,149.0	17,404.4	7,263.1	271.7	274.7	-138.71	-1,067.5	-8,253.0	151.8	-225.7	377.48	0.402	Level 1	
17,300.0	7,149.0	17,504.4	7,263.6	274.5	277.5	-138.86	-1,068.6	-8,353.0	152.2	-228.2	380.39	0.400	Level 1	
17,400.0	7,149.0	17,604.4	7,264.2	277.3	280.3	-139.00	-1,069.7	-8,453.0	152.7	-230.6	383.29	0.398	Level 1	
17,500.0	7,149.0	17,704.4	7,264.8	280.0	283.1	-139.15	-1,070.8	-8,553.0	153.1	-233.1	386.17	0.396	Level 1	
17,600.0	7,149.0	17,804.4	7,265.4	282.8	285.8	-139.29	-1,071.9	-8,653.0	153.5	-235.5	389.04	0.395	Level 1	
17,700.0	7,149.0	17,904.4	7,266.0	285.6	288.6	-139.44	-1,073.0	-8,753.0	154.0	-237.9	391.90	0.393	Level 1	
17,800.0	7,149.0	18,004.4	7,266.5	288.4	291.4	-139.58	-1,074.1	-8,853.0	154.4	-240.4	394.74	0.391	Level 1	
17,900.0	7,149.0	18,104.4	7,267.1	291.2	294.2	-139.72	-1,075.2	-8,953.0	154.8	-242.7	397.56	0.389	Level 1	
18,000.0	7,149.0	18,204.4	7,267.7	294.0	297.0	-139.86	-1,076.3	-9,052.9	155.2	-245.1	400.38	0.388	Level 1	
18,100.0	7,149.0	18,304.4	7,268.3	296.8	299.8	-140.00	-1,077.4	-9,152.9	155.7	-247.5	403.17	0.386	Level 1	
18,200.0	7,149.0	18,404.4	7,268.8	299.5	302.5	-140.14	-1,078.5	-9,252.9	156.1	-249.8	405.96	0.385	Level 1	
18,220.4	7,149.0	18,424.8	7,269.0	300.1	303.1	-140.17	-1,078.7	-9,273.3	156.2	-250.3	406.52	0.384	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 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	-96.87	-64.5	-534.8	538.7					
100.0	100.0	94.5	94.5	0.1	0.1	-96.87	-64.4	-534.7	538.6	538.4	0.22	2,458.457		
200.0	200.0	195.1	195.1	0.3	0.2	-96.86	-64.3	-534.6	538.4	537.9	0.56	966.443		
300.0	300.0	295.7	295.7	0.6	0.3	-96.84	-64.1	-534.3	538.2	537.3	0.90	601.193		
400.0	400.0	396.2	396.2	0.8	0.4	-96.81	-63.7	-534.0	537.8	536.6	1.23	436.104		
419.7	419.7	416.1	416.0	0.8	0.5	146.77	-63.7	-533.9	537.8	536.5	1.30	415.189		
500.0	500.0	496.8	496.8	1.0	0.6	146.87	-63.3	-533.6	538.4	536.9	1.55	346.773		
600.0	599.9	597.3	597.2	1.2	0.7	147.12	-62.8	-533.1	541.2	539.3	1.87	289.641		
700.0	699.7	697.6	697.6	1.4	0.8	147.52	-62.2	-532.5	546.0	543.8	2.20	248.308		
800.0	799.3	797.8	797.8	1.7	0.9	148.04	-61.4	-531.8	553.0	550.5	2.54	217.378		
900.0	898.6	897.7	897.7	1.9	1.0	148.68	-60.6	-531.0	562.2	559.3	2.90	193.557		
1,000.0	997.5	996.6	996.5	2.2	1.2	149.39	-60.0	-530.2	573.6	570.3	3.34	171.738		
1,100.0	1,096.1	1,090.0	1,090.0	2.6	1.4	150.07	-60.0	-529.7	587.8	584.0	3.78	155.383		
1,200.0	1,194.2	1,187.4	1,187.4	3.0	1.6	150.82	-60.3	-529.8	605.0	600.7	4.26	142.143		
1,300.0	1,291.7	1,284.3	1,284.3	3.4	1.8	151.63	-60.6	-530.0	624.6	619.9	4.75	131.626		
1,400.0	1,388.6	1,382.1	1,382.0	3.9	2.0	152.48	-61.0	-530.1	646.7	641.4	5.24	123.323		
1,500.0	1,484.9	1,478.4	1,478.4	4.4	2.2	153.33	-61.5	-530.2	671.1	665.3	5.76	116.562		
1,600.0	1,580.4	1,575.1	1,575.1	5.0	2.4	154.16	-62.6	-530.2	697.9	691.6	6.28	111.107		
1,700.0	1,675.0	1,670.2	1,670.2	5.6	2.6	154.84	-65.2	-530.2	727.1	720.3	6.81	106.746		
1,800.0	1,768.9	1,773.3	1,773.0	6.3	2.8	155.41	-70.8	-529.8	758.2	750.8	7.38	102.801		
1,900.0	1,861.7	1,880.6	1,879.9	7.1	3.0	155.74	-80.5	-528.0	790.2	782.2	7.98	99.047		
8,700.0	7,149.0	7,177.6	7,145.7	48.6	16.1	90.41	-495.8	-427.6	770.9	708.8	62.13	12.409		
8,800.0	7,149.0	7,177.9	7,146.0	50.3	16.1	90.45	-495.8	-427.6	686.1	622.1	63.96	10.726		
8,900.0	7,149.0	7,178.2	7,146.3	52.1	16.1	90.50	-495.8	-427.6	605.9	540.0	65.89	9.195		
9,000.0	7,149.0	7,178.5	7,146.6	54.0	16.1	90.54	-495.8	-427.6	532.4	464.5	67.89	7.842		
9,100.0	7,149.0	7,178.8	7,146.9	56.0	16.1	90.59	-495.8	-427.6	468.9	398.9	69.97	6.701		
9,200.0	7,149.0	7,179.1	7,147.2	58.0	16.1	90.63	-495.8	-427.6	419.8	347.7	72.10	5.822		
9,300.0	7,149.0	7,179.4	7,147.5	60.1	16.1	90.67	-495.8	-427.6	390.7	316.4	74.30	5.258		
9,368.1	7,149.0	7,179.6	7,147.7	61.6	16.1	90.70	-495.8	-427.6	384.7	308.9	75.82	5.073 CC, ES		
9,400.0	7,149.0	7,179.7	7,147.8	62.3	16.1	90.72	-495.8	-427.6	386.0	309.5	76.54	5.043 SF		
9,500.0	7,149.0	7,180.0	7,148.1	64.6	16.1	90.76	-495.8	-427.6	406.7	327.8	78.82	5.159		
9,600.0	7,149.0	7,180.3	7,148.4	66.9	16.1	90.81	-495.8	-427.6	449.2	368.0	81.15	5.535		
9,700.0	7,149.0	7,180.6	7,148.7	69.2	16.1	90.85	-495.9	-427.6	508.1	424.6	83.51	6.084		
9,800.0	7,149.0	7,180.9	7,149.0	71.6	16.1	90.90	-495.9	-427.6	578.4	492.5	85.91	6.733		
9,900.0	7,149.0	7,181.2	7,149.3	74.0	16.1	90.94	-495.9	-427.6	656.4	568.1	88.33	7.432		
10,000.0	7,149.0	7,181.5	7,149.7	76.4	16.1	90.99	-495.9	-427.6	739.8	649.0	90.78	8.149		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

Offset Design													G & D HANKS PAD Sec.27-T7N-R66W - G&D HANKS 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	-99.94	-87.1	-496.7	504.3								
100.0	100.0	94.2	94.2	0.1	0.1	-99.95	-87.1	-496.6	504.2	504.0	0.22	2,308.005					
200.0	200.0	194.5	194.5	0.3	0.2	-99.96	-87.2	-496.6	504.2	503.6	0.56	906.950					
300.0	300.0	294.7	294.7	0.6	0.3	-99.97	-87.3	-496.4	504.0	503.1	0.89	564.242					
400.0	400.0	395.0	395.0	0.8	0.4	-100.00	-87.5	-496.2	503.9	502.6	1.23	409.408					
409.7	409.7	404.7	404.7	0.8	0.5	143.56	-87.5	-496.2	503.8	502.6	1.26	399.011	CC, ES				
500.0	500.0	495.2	495.2	1.0	0.6	143.62	-87.7	-495.9	504.7	503.1	1.55	325.099					
600.0	599.9	595.4	595.4	1.2	0.7	143.82	-88.0	-495.6	507.6	505.7	1.87	271.693					
700.0	699.7	695.5	695.5	1.4	0.8	144.16	-88.3	-495.2	512.5	510.3	2.20	233.041					
800.0	799.3	795.4	795.4	1.7	0.9	144.64	-88.7	-494.8	519.6	517.1	2.55	204.091					
900.0	898.6	895.0	895.0	1.9	1.0	145.25	-89.1	-494.3	528.8	525.9	2.92	181.203					
1,000.0	997.5	994.4	994.3	2.2	1.2	145.95	-89.7	-493.7	540.2	536.8	3.40	159.088					
1,100.0	1,096.1	1,096.6	1,096.6	2.6	1.5	146.76	-90.4	-493.0	553.8	549.9	3.89	142.302					
1,200.0	1,194.2	1,212.9	1,212.8	3.0	1.7	147.82	-91.0	-489.8	567.6	563.2	4.42	128.530					
1,300.0	1,291.7	1,338.1	1,337.8	3.4	2.0	149.18	-90.3	-481.6	580.1	575.1	4.96	116.924					
1,400.0	1,388.6	1,452.9	1,451.9	3.9	2.3	150.75	-87.0	-469.8	591.2	585.7	5.49	107.634					
1,500.0	1,484.9	1,575.3	1,573.0	4.4	2.6	152.71	-81.2	-453.3	601.6	595.6	6.05	99.376					
1,600.0	1,580.4	1,692.7	1,688.4	5.0	3.0	154.82	-73.8	-433.0	611.2	604.6	6.62	92.316					
1,700.0	1,675.0	1,801.3	1,794.5	5.6	3.4	156.95	-65.4	-411.6	621.4	614.2	7.18	86.493					
1,800.0	1,768.9	1,896.9	1,887.8	6.3	3.7	158.85	-58.0	-391.9	633.9	626.2	7.72	82.081					
1,900.0	1,861.7	1,999.0	1,987.4	7.1	4.1	160.88	-50.0	-370.7	649.5	641.2	8.28	78.440					
2,000.0	1,953.6	2,091.6	2,077.7	7.9	4.5	162.65	-43.2	-351.2	668.0	659.2	8.83	75.689					
2,070.9	2,018.1	2,159.4	2,143.8	8.5	4.8	163.90	-38.5	-337.2	683.2	673.9	9.22	74.107					
2,100.0	2,044.5	2,187.3	2,171.0	8.7	4.9	164.43	-36.6	-331.4	689.7	680.3	9.39	73.432					
2,200.0	2,135.1	2,275.5	2,257.0	9.6	5.2	166.12	-29.7	-313.3	713.2	703.2	9.98	71.461					
2,300.0	2,225.6	2,369.1	2,348.3	10.5	5.6	167.86	-21.4	-294.4	737.8	727.3	10.58	69.733					
2,400.0	2,316.2	2,463.6	2,440.6	11.4	6.0	169.49	-13.3	-275.4	763.1	752.0	11.19	68.197					
2,500.0	2,406.8	2,554.6	2,529.5	12.3	6.4	170.93	-5.9	-257.5	789.2	777.4	11.79	66.913	SF				

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks WA-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (Original Well Elev)
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks WA-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (10-27-17)	Offset TVD Reference:	Offset Datum

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

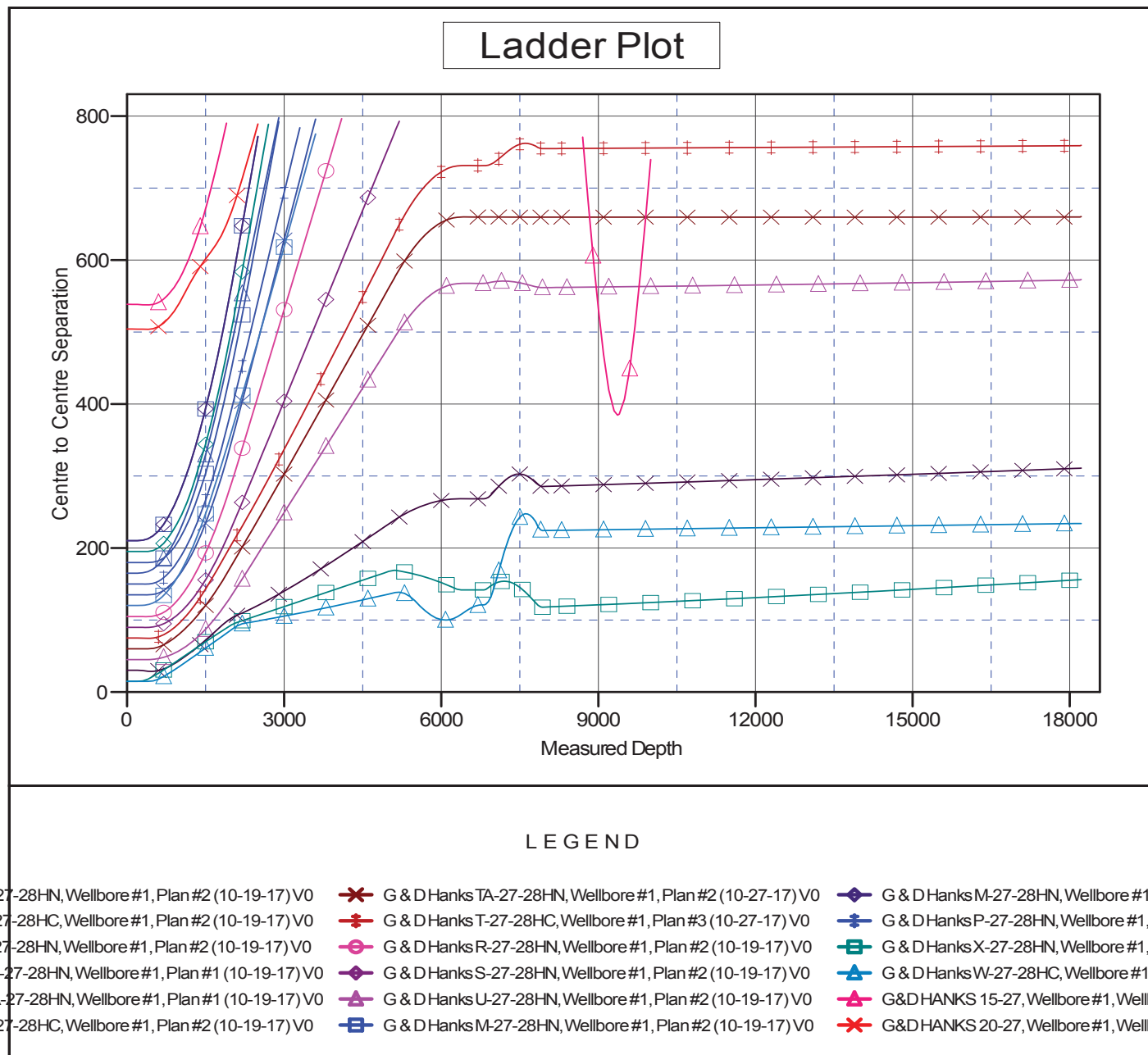
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

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

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°



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

