

Bayswater Exploration & Production, LLC

Well Name: **G & D Hanks X-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

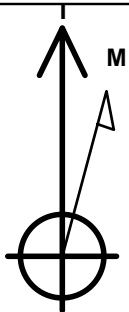
Ground Elevation: 4874.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441077.39	3205704.48	40.541801	-104.759855	
RKB - 25' WELL @ 4899.0ft (RKB - 25')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1123'FSL, 1575'FEL, SEC.27	1.0	0.0	0.0	Point
LPL 160'FSL, 470'FEL, SEC.27	7209.0	-949.8	1111.2	Point
BHL 160'FSL, 5'FWL, SEC.28	7269.0	-1063.9	-9280.7	Point

G & D Hanks 27-N Pad Sec.27-T7N-R66W
G & D Hanks X-27-28HN
Plan #1 (8-02-17)
9:03, August 04 2017

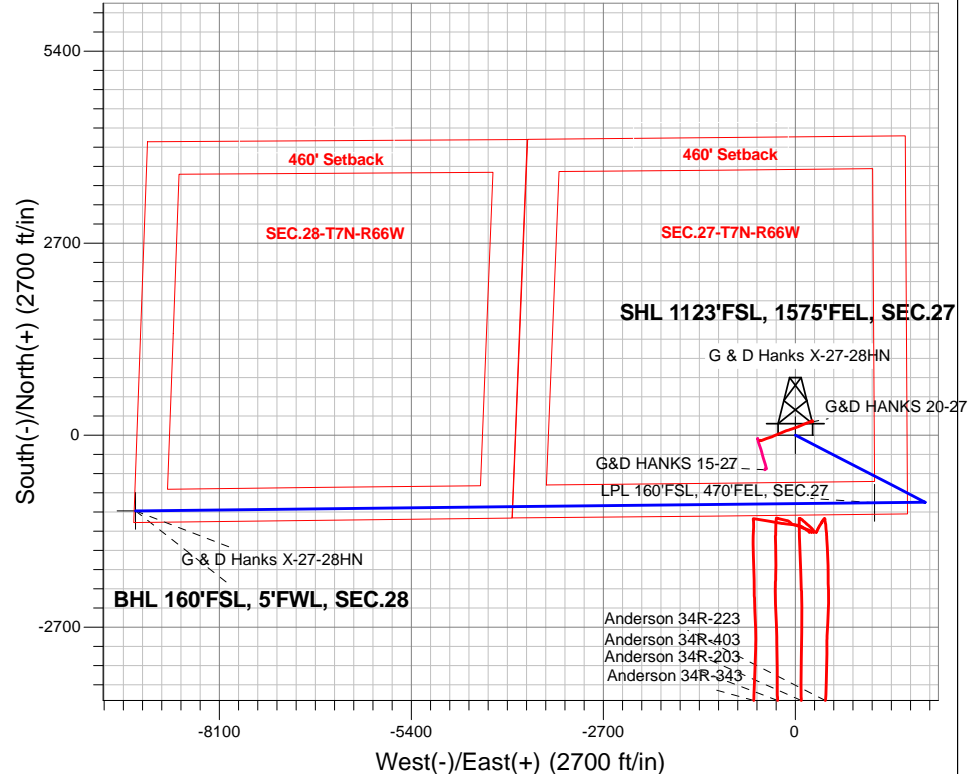


Azimuths to True North
Magnetic North: 8.04°

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

ANNOTATIONS

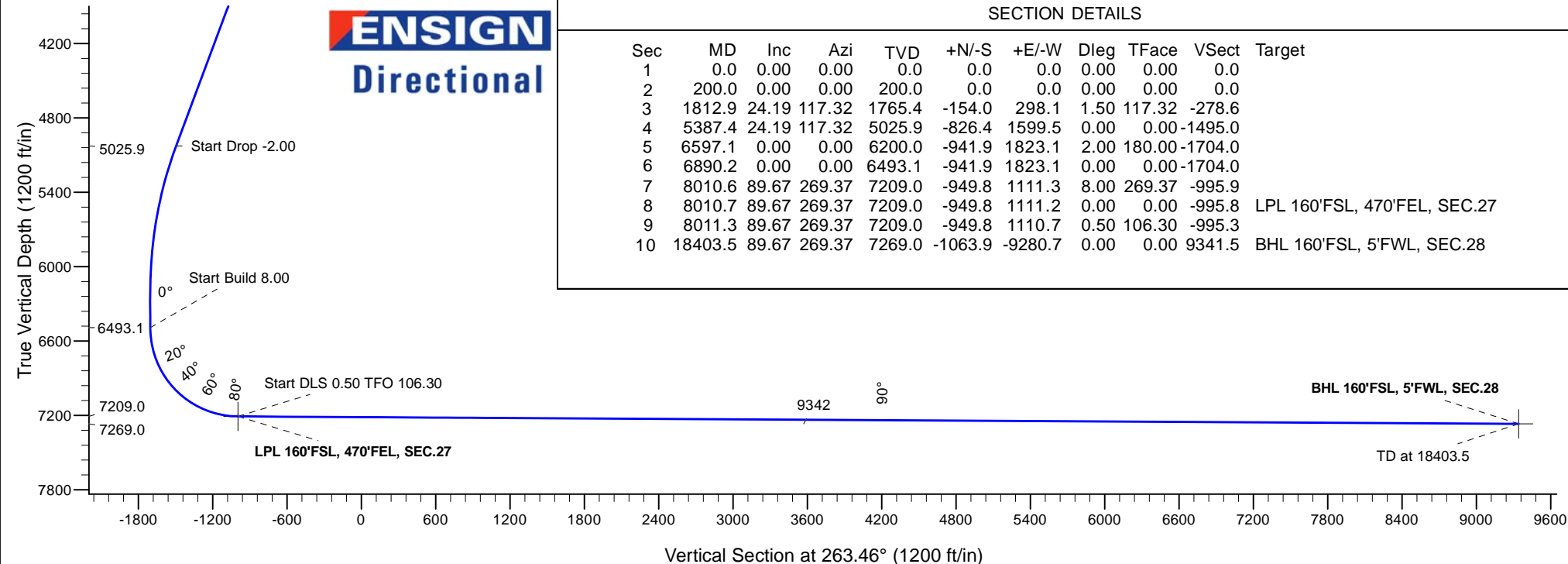
TVD	MD	Annotation
200.0	200.0	KOP - Start Build 1.50
5025.9	5387.4	Start Drop -2.00
6493.1	6890.2	Start Build 8.00
7209.0	8010.7	Start DLS 0.50 TFO 106.30
7209.0	8011.3	Start 10392.2 hold at 8011.3 MD
7269.0	18403.5	TD at 18403.5



ENSIGN
Directional

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	1812.9	24.19	117.32	1765.4	-154.0	298.1	1.50	117.32	-278.6	
4	5387.4	24.19	117.32	5025.9	-826.4	1599.5	0.00	0.00	-1495.0	
5	6597.1	0.00	0.00	6200.0	-941.9	1823.1	2.00	180.00	-1704.0	
6	6890.2	0.00	0.00	6493.1	-941.9	1823.1	0.00	0.00	-1704.0	
7	8010.6	89.67	269.37	7209.0	-949.8	1111.3	8.00	269.37	-995.9	
8	8010.7	89.67	269.37	7209.0	-949.8	1111.2	0.00	0.00	-995.8	LPL 160'FSL, 470'FEL, SEC.27
9	8011.3	89.67	269.37	7209.0	-949.8	1110.7	0.50	106.30	-995.3	
10	18403.5	89.67	269.37	7269.0	-1063.9	-9280.7	0.00	0.00	9341.5	BHL 160'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 X-27-28HN

Wellbore #1

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

Standard Planning Report

04 August, 2017



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

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

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

Well	G & D Hanks X-27-28HN					
Well Position	+N/-S	-165.0 ft	Northing:	1,441,077.39 usft	Latitude:	40.541801
	+E/-W	-0.6 ft	Easting:	3,205,704.48 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	8/4/2017	8.04	66.95	52,559

Design	Plan #1 (8-02-17)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	263.46

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,812.9	24.19	117.32	1,765.4	-154.0	298.1	1.50	1.50	0.00	117.32	
5,387.4	24.19	117.32	5,025.9	-826.4	1,599.5	0.00	0.00	0.00	0.00	
6,597.1	0.00	0.00	6,200.0	-941.9	1,823.1	2.00	-2.00	0.00	180.00	
6,890.2	0.00	0.00	6,493.1	-941.9	1,823.1	0.00	0.00	0.00	0.00	
8,010.6	89.67	269.37	7,209.0	-949.8	1,111.3	8.00	8.00	0.00	269.37	
8,010.7	89.67	269.37	7,209.0	-949.8	1,111.2	0.00	0.00	0.00	0.00	LPL 160'FSL, 470'FEI
8,011.3	89.67	269.37	7,209.0	-949.8	1,110.7	0.50	-0.14	0.48	106.30	
18,403.5	89.67	269.37	7,269.0	-1,063.9	-9,280.7	0.00	0.00	0.00	0.00	BHL 160'FSL, 5'FWL,

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
300.0	1.50	117.32	300.0	-0.6	1.2	-1.1	1.50	1.50	0.00
400.0	3.00	117.32	399.9	-2.4	4.7	-4.3	1.50	1.50	0.00
500.0	4.50	117.32	499.7	-5.4	10.5	-9.8	1.50	1.50	0.00
600.0	6.00	117.32	599.3	-9.6	18.6	-17.4	1.50	1.50	0.00
700.0	7.50	117.32	698.6	-15.0	29.0	-27.1	1.50	1.50	0.00
800.0	9.00	117.32	797.5	-21.6	41.8	-39.1	1.50	1.50	0.00
900.0	10.50	117.32	896.1	-29.4	56.8	-53.1	1.50	1.50	0.00
1,000.0	12.00	117.32	994.2	-38.3	74.2	-69.3	1.50	1.50	0.00
1,100.0	13.50	117.32	1,091.7	-48.4	93.8	-87.6	1.50	1.50	0.00
1,200.0	15.00	117.32	1,188.6	-59.7	115.6	-108.1	1.50	1.50	0.00
1,300.0	16.50	117.32	1,284.9	-72.2	139.7	-130.6	1.50	1.50	0.00
1,400.0	18.00	117.32	1,380.4	-85.8	166.1	-155.2	1.50	1.50	0.00
1,500.0	19.50	117.32	1,475.0	-100.6	194.6	-181.9	1.50	1.50	0.00
1,600.0	21.00	117.32	1,568.9	-116.5	225.4	-210.7	1.50	1.50	0.00
1,700.0	22.50	117.32	1,661.7	-133.5	258.3	-241.4	1.50	1.50	0.00
1,800.0	24.00	117.32	1,753.6	-151.6	293.4	-274.2	1.50	1.50	0.00
1,812.9	24.19	117.32	1,765.4	-154.0	298.1	-278.6	1.50	1.50	0.00
1,900.0	24.19	117.32	1,844.8	-170.4	329.8	-308.2	0.00	0.00	0.00
2,000.0	24.19	117.32	1,936.1	-189.2	366.2	-342.3	0.00	0.00	0.00
2,100.0	24.19	117.32	2,027.3	-208.0	402.6	-376.3	0.00	0.00	0.00
2,200.0	24.19	117.32	2,118.5	-226.8	439.0	-410.3	0.00	0.00	0.00
2,300.0	24.19	117.32	2,209.7	-245.6	475.4	-444.4	0.00	0.00	0.00
2,400.0	24.19	117.32	2,300.9	-264.4	511.8	-478.4	0.00	0.00	0.00
2,500.0	24.19	117.32	2,392.1	-283.2	548.2	-512.4	0.00	0.00	0.00
2,600.0	24.19	117.32	2,483.4	-302.1	584.7	-546.4	0.00	0.00	0.00
2,700.0	24.19	117.32	2,574.6	-320.9	621.1	-580.5	0.00	0.00	0.00
2,800.0	24.19	117.32	2,665.8	-339.7	657.5	-614.5	0.00	0.00	0.00
2,900.0	24.19	117.32	2,757.0	-358.5	693.9	-648.5	0.00	0.00	0.00
3,000.0	24.19	117.32	2,848.2	-377.3	730.3	-682.6	0.00	0.00	0.00
3,100.0	24.19	117.32	2,939.4	-396.1	766.7	-716.6	0.00	0.00	0.00
3,200.0	24.19	117.32	3,030.7	-414.9	803.1	-750.6	0.00	0.00	0.00
3,300.0	24.19	117.32	3,121.9	-433.7	839.5	-784.7	0.00	0.00	0.00
3,400.0	24.19	117.32	3,213.1	-452.5	875.9	-818.7	0.00	0.00	0.00
3,500.0	24.19	117.32	3,304.3	-471.4	912.3	-852.7	0.00	0.00	0.00
3,600.0	24.19	117.32	3,395.5	-490.2	948.7	-886.8	0.00	0.00	0.00
3,700.0	24.19	117.32	3,486.7	-509.0	985.2	-920.8	0.00	0.00	0.00
3,800.0	24.19	117.32	3,578.0	-527.8	1,021.6	-954.8	0.00	0.00	0.00
3,900.0	24.19	117.32	3,669.2	-546.6	1,058.0	-988.8	0.00	0.00	0.00
4,000.0	24.19	117.32	3,760.4	-565.4	1,094.4	-1,022.9	0.00	0.00	0.00
4,100.0	24.19	117.32	3,851.6	-584.2	1,130.8	-1,056.9	0.00	0.00	0.00
4,200.0	24.19	117.32	3,942.8	-603.0	1,167.2	-1,090.9	0.00	0.00	0.00
4,300.0	24.19	117.32	4,034.0	-621.8	1,203.6	-1,125.0	0.00	0.00	0.00
4,400.0	24.19	117.32	4,125.3	-640.7	1,240.0	-1,159.0	0.00	0.00	0.00
4,500.0	24.19	117.32	4,216.5	-659.5	1,276.4	-1,193.0	0.00	0.00	0.00
4,600.0	24.19	117.32	4,307.7	-678.3	1,312.8	-1,227.1	0.00	0.00	0.00
4,700.0	24.19	117.32	4,398.9	-697.1	1,349.3	-1,261.1	0.00	0.00	0.00
4,800.0	24.19	117.32	4,490.1	-715.9	1,385.7	-1,295.1	0.00	0.00	0.00
4,900.0	24.19	117.32	4,581.3	-734.7	1,422.1	-1,329.2	0.00	0.00	0.00
5,000.0	24.19	117.32	4,672.6	-753.5	1,458.5	-1,363.2	0.00	0.00	0.00
5,100.0	24.19	117.32	4,763.8	-772.3	1,494.9	-1,397.2	0.00	0.00	0.00

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Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.0	24.19	117.32	4,855.0	-791.1	1,531.3	-1,431.2	0.00	0.00	0.00
5,300.0	24.19	117.32	4,946.2	-810.0	1,567.7	-1,465.3	0.00	0.00	0.00
5,387.4	24.19	117.32	5,025.9	-826.4	1,599.5	-1,495.0	0.00	0.00	0.00
Start Drop -2.00									
5,400.0	23.94	117.32	5,037.4	-828.8	1,604.1	-1,499.3	2.00	-2.00	0.00
5,500.0	21.94	117.32	5,129.5	-846.6	1,638.7	-1,531.6	2.00	-2.00	0.00
5,600.0	19.94	117.32	5,222.9	-863.1	1,670.5	-1,561.3	2.00	-2.00	0.00
5,700.0	17.94	117.32	5,317.5	-878.0	1,699.3	-1,588.3	2.00	-2.00	0.00
5,800.0	15.94	117.32	5,413.1	-891.3	1,725.2	-1,612.5	2.00	-2.00	0.00
5,900.0	13.94	117.32	5,509.8	-903.2	1,748.1	-1,633.9	2.00	-2.00	0.00
6,000.0	11.94	117.32	5,607.2	-913.4	1,768.0	-1,652.5	2.00	-2.00	0.00
6,100.0	9.94	117.32	5,705.4	-922.2	1,784.9	-1,668.2	2.00	-2.00	0.00
6,200.0	7.94	117.32	5,804.2	-929.3	1,798.7	-1,681.2	2.00	-2.00	0.00
6,300.0	5.94	117.32	5,903.4	-934.8	1,809.4	-1,691.2	2.00	-2.00	0.00
6,400.0	3.94	117.32	6,003.1	-938.8	1,817.1	-1,698.3	2.00	-2.00	0.00
6,500.0	1.94	117.32	6,102.9	-941.1	1,821.6	-1,702.6	2.00	-2.00	0.00
6,597.1	0.00	0.00	6,200.0	-941.9	1,823.1	-1,704.0	2.00	-2.00	0.00
6,600.0	0.00	0.00	6,202.9	-941.9	1,823.1	-1,704.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,302.9	-941.9	1,823.1	-1,704.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,402.9	-941.9	1,823.1	-1,704.0	0.00	0.00	0.00
6,890.2	0.00	0.00	6,493.1	-941.9	1,823.1	-1,704.0	0.00	0.00	0.00
Start Build 8.00									
6,900.0	0.79	269.37	6,502.9	-941.9	1,823.0	-1,703.9	8.02	8.02	0.00
7,000.0	8.79	269.37	6,602.5	-942.0	1,814.7	-1,695.6	8.00	8.00	0.00
7,100.0	16.79	269.37	6,699.9	-942.2	1,792.6	-1,673.6	8.00	8.00	0.00
7,200.0	24.79	269.37	6,793.3	-942.6	1,757.1	-1,638.3	8.00	8.00	0.00
7,300.0	32.80	269.37	6,880.9	-943.2	1,709.0	-1,590.4	8.00	8.00	0.00
7,400.0	40.80	269.37	6,960.9	-943.8	1,649.1	-1,530.9	8.00	8.00	0.00
7,500.0	48.80	269.37	7,031.8	-944.6	1,578.7	-1,460.9	8.00	8.00	0.00
7,600.0	56.81	269.37	7,092.2	-945.5	1,499.1	-1,381.7	8.00	8.00	0.00
7,700.0	64.81	269.37	7,140.9	-946.4	1,411.9	-1,294.9	8.00	8.00	0.00
7,800.0	72.81	269.37	7,177.0	-947.5	1,318.8	-1,202.3	8.00	8.00	0.00
7,900.0	80.82	269.37	7,199.8	-948.5	1,221.5	-1,105.5	8.00	8.00	0.00
8,000.0	88.82	269.37	7,208.9	-949.6	1,122.0	-1,006.5	8.00	8.00	0.00
8,010.6	89.67	269.37	7,209.0	-949.8	1,111.3	-995.9	8.00	8.00	0.00
8,010.7	89.67	269.37	7,209.0	-949.8	1,111.3	-995.9	0.00	0.00	0.00
Start DLS 0.50 TFO 106.30									
8,011.3	89.67	269.37	7,209.0	-949.8	1,110.7	-995.3	0.47	-0.13	0.45
Start 10392.2 hold at 8011.3 MD									
8,100.0	89.67	269.37	7,209.5	-950.7	1,022.0	-907.1	0.00	0.00	0.00
8,200.0	89.67	269.37	7,210.1	-951.8	922.0	-807.6	0.00	0.00	0.00
8,300.0	89.67	269.37	7,210.7	-952.9	822.0	-708.1	0.00	0.00	0.00
8,400.0	89.67	269.37	7,211.2	-954.0	722.0	-608.7	0.00	0.00	0.00
8,500.0	89.67	269.37	7,211.8	-955.1	622.0	-509.2	0.00	0.00	0.00
8,600.0	89.67	269.37	7,212.4	-956.2	522.0	-409.7	0.00	0.00	0.00
8,700.0	89.67	269.37	7,213.0	-957.3	422.0	-310.3	0.00	0.00	0.00
8,800.0	89.67	269.37	7,213.6	-958.4	322.0	-210.8	0.00	0.00	0.00
8,900.0	89.67	269.37	7,214.1	-959.5	222.0	-111.3	0.00	0.00	0.00
9,000.0	89.67	269.37	7,214.7	-960.6	122.0	-11.9	0.00	0.00	0.00
9,100.0	89.67	269.37	7,215.3	-961.7	22.1	87.6	0.00	0.00	0.00
9,200.0	89.67	269.37	7,215.9	-962.8	-77.9	187.1	0.00	0.00	0.00
9,300.0	89.67	269.37	7,216.4	-963.9	-177.9	286.5	0.00	0.00	0.00
9,400.0	89.67	269.37	7,217.0	-965.0	-277.9	386.0	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,500.0	89.67	269.37	7,217.6	-966.1	-377.9	485.5	0.00	0.00	0.00
9,600.0	89.67	269.37	7,218.2	-967.2	-477.9	584.9	0.00	0.00	0.00
9,700.0	89.67	269.37	7,218.8	-968.3	-577.9	684.4	0.00	0.00	0.00
9,800.0	89.67	269.37	7,219.3	-969.4	-677.9	783.9	0.00	0.00	0.00
9,900.0	89.67	269.37	7,219.9	-970.5	-777.9	883.3	0.00	0.00	0.00
10,000.0	89.67	269.37	7,220.5	-971.6	-877.9	982.8	0.00	0.00	0.00
10,100.0	89.67	269.37	7,221.1	-972.7	-977.9	1,082.3	0.00	0.00	0.00
10,200.0	89.67	269.37	7,221.6	-973.8	-1,077.9	1,181.7	0.00	0.00	0.00
10,300.0	89.67	269.37	7,222.2	-974.9	-1,177.9	1,281.2	0.00	0.00	0.00
10,400.0	89.67	269.37	7,222.8	-976.0	-1,277.8	1,380.7	0.00	0.00	0.00
10,500.0	89.67	269.37	7,223.4	-977.1	-1,377.8	1,480.1	0.00	0.00	0.00
10,600.0	89.67	269.37	7,223.9	-978.2	-1,477.8	1,579.6	0.00	0.00	0.00
10,700.0	89.67	269.37	7,224.5	-979.3	-1,577.8	1,679.1	0.00	0.00	0.00
10,800.0	89.67	269.37	7,225.1	-980.4	-1,677.8	1,778.5	0.00	0.00	0.00
10,900.0	89.67	269.37	7,225.7	-981.5	-1,777.8	1,878.0	0.00	0.00	0.00
11,000.0	89.67	269.37	7,226.3	-982.6	-1,877.8	1,977.5	0.00	0.00	0.00
11,100.0	89.67	269.37	7,226.8	-983.7	-1,977.8	2,077.0	0.00	0.00	0.00
11,200.0	89.67	269.37	7,227.4	-984.8	-2,077.8	2,176.4	0.00	0.00	0.00
11,300.0	89.67	269.37	7,228.0	-985.9	-2,177.8	2,275.9	0.00	0.00	0.00
11,400.0	89.67	269.37	7,228.6	-987.0	-2,277.8	2,375.4	0.00	0.00	0.00
11,500.0	89.67	269.37	7,229.1	-988.1	-2,377.8	2,474.8	0.00	0.00	0.00
11,600.0	89.67	269.37	7,229.7	-989.2	-2,477.8	2,574.3	0.00	0.00	0.00
11,700.0	89.67	269.37	7,230.3	-990.3	-2,577.7	2,673.8	0.00	0.00	0.00
11,800.0	89.67	269.37	7,230.9	-991.4	-2,677.7	2,773.2	0.00	0.00	0.00
11,900.0	89.67	269.37	7,231.5	-992.5	-2,777.7	2,872.7	0.00	0.00	0.00
12,000.0	89.67	269.37	7,232.0	-993.6	-2,877.7	2,972.2	0.00	0.00	0.00
12,100.0	89.67	269.37	7,232.6	-994.7	-2,977.7	3,071.6	0.00	0.00	0.00
12,200.0	89.67	269.37	7,233.2	-995.8	-3,077.7	3,171.1	0.00	0.00	0.00
12,300.0	89.67	269.37	7,233.8	-996.9	-3,177.7	3,270.6	0.00	0.00	0.00
12,400.0	89.67	269.37	7,234.3	-998.0	-3,277.7	3,370.0	0.00	0.00	0.00
12,500.0	89.67	269.37	7,234.9	-999.1	-3,377.7	3,469.5	0.00	0.00	0.00
12,600.0	89.67	269.37	7,235.5	-1,000.2	-3,477.7	3,569.0	0.00	0.00	0.00
12,700.0	89.67	269.37	7,236.1	-1,001.2	-3,577.7	3,668.4	0.00	0.00	0.00
12,800.0	89.67	269.37	7,236.6	-1,002.3	-3,677.7	3,767.9	0.00	0.00	0.00
12,900.0	89.67	269.37	7,237.2	-1,003.4	-3,777.7	3,867.4	0.00	0.00	0.00
13,000.0	89.67	269.37	7,237.8	-1,004.5	-3,877.6	3,966.8	0.00	0.00	0.00
13,100.0	89.67	269.37	7,238.4	-1,005.6	-3,977.6	4,066.3	0.00	0.00	0.00
13,200.0	89.67	269.37	7,239.0	-1,006.7	-4,077.6	4,165.8	0.00	0.00	0.00
13,300.0	89.67	269.37	7,239.5	-1,007.8	-4,177.6	4,265.2	0.00	0.00	0.00
13,400.0	89.67	269.37	7,240.1	-1,008.9	-4,277.6	4,364.7	0.00	0.00	0.00
13,500.0	89.67	269.37	7,240.7	-1,010.0	-4,377.6	4,464.2	0.00	0.00	0.00
13,600.0	89.67	269.37	7,241.3	-1,011.1	-4,477.6	4,563.6	0.00	0.00	0.00
13,700.0	89.67	269.37	7,241.8	-1,012.2	-4,577.6	4,663.1	0.00	0.00	0.00
13,800.0	89.67	269.37	7,242.4	-1,013.3	-4,677.6	4,762.6	0.00	0.00	0.00
13,900.0	89.67	269.37	7,243.0	-1,014.4	-4,777.6	4,862.0	0.00	0.00	0.00
14,000.0	89.67	269.37	7,243.6	-1,015.5	-4,877.6	4,961.5	0.00	0.00	0.00
14,100.0	89.67	269.37	7,244.2	-1,016.6	-4,977.6	5,061.0	0.00	0.00	0.00
14,200.0	89.67	269.37	7,244.7	-1,017.7	-5,077.6	5,160.4	0.00	0.00	0.00
14,300.0	89.67	269.37	7,245.3	-1,018.8	-5,177.5	5,259.9	0.00	0.00	0.00
14,400.0	89.67	269.37	7,245.9	-1,019.9	-5,277.5	5,359.4	0.00	0.00	0.00
14,500.0	89.67	269.37	7,246.5	-1,021.0	-5,377.5	5,458.8	0.00	0.00	0.00
14,600.0	89.67	269.37	7,247.0	-1,022.1	-5,477.5	5,558.3	0.00	0.00	0.00
14,700.0	89.67	269.37	7,247.6	-1,023.2	-5,577.5	5,657.8	0.00	0.00	0.00
14,800.0	89.67	269.37	7,248.2	-1,024.3	-5,677.5	5,757.2	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,900.0	89.67	269.37	7,248.8	-1,025.4	-5,777.5	5,856.7	0.00	0.00	0.00
15,000.0	89.67	269.37	7,249.4	-1,026.5	-5,877.5	5,956.2	0.00	0.00	0.00
15,100.0	89.67	269.37	7,249.9	-1,027.6	-5,977.5	6,055.6	0.00	0.00	0.00
15,200.0	89.67	269.37	7,250.5	-1,028.7	-6,077.5	6,155.1	0.00	0.00	0.00
15,300.0	89.67	269.37	7,251.1	-1,029.8	-6,177.5	6,254.6	0.00	0.00	0.00
15,400.0	89.67	269.37	7,251.7	-1,030.9	-6,277.5	6,354.0	0.00	0.00	0.00
15,500.0	89.67	269.37	7,252.2	-1,032.0	-6,377.5	6,453.5	0.00	0.00	0.00
15,600.0	89.67	269.37	7,252.8	-1,033.1	-6,477.4	6,553.0	0.00	0.00	0.00
15,700.0	89.67	269.37	7,253.4	-1,034.2	-6,577.4	6,652.4	0.00	0.00	0.00
15,800.0	89.67	269.37	7,254.0	-1,035.3	-6,677.4	6,751.9	0.00	0.00	0.00
15,900.0	89.67	269.37	7,254.5	-1,036.4	-6,777.4	6,851.4	0.00	0.00	0.00
16,000.0	89.67	269.37	7,255.1	-1,037.5	-6,877.4	6,950.8	0.00	0.00	0.00
16,100.0	89.67	269.37	7,255.7	-1,038.6	-6,977.4	7,050.3	0.00	0.00	0.00
16,200.0	89.67	269.37	7,256.3	-1,039.7	-7,077.4	7,149.8	0.00	0.00	0.00
16,300.0	89.67	269.37	7,256.9	-1,040.8	-7,177.4	7,249.2	0.00	0.00	0.00
16,400.0	89.67	269.37	7,257.4	-1,041.9	-7,277.4	7,348.7	0.00	0.00	0.00
16,500.0	89.67	269.37	7,258.0	-1,043.0	-7,377.4	7,448.2	0.00	0.00	0.00
16,600.0	89.67	269.37	7,258.6	-1,044.1	-7,477.4	7,547.6	0.00	0.00	0.00
16,700.0	89.67	269.37	7,259.2	-1,045.2	-7,577.4	7,647.1	0.00	0.00	0.00
16,800.0	89.67	269.37	7,259.7	-1,046.3	-7,677.4	7,746.6	0.00	0.00	0.00
16,900.0	89.67	269.37	7,260.3	-1,047.4	-7,777.3	7,846.0	0.00	0.00	0.00
17,000.0	89.67	269.37	7,260.9	-1,048.5	-7,877.3	7,945.5	0.00	0.00	0.00
17,100.0	89.67	269.37	7,261.5	-1,049.6	-7,977.3	8,045.0	0.00	0.00	0.00
17,200.0	89.67	269.37	7,262.1	-1,050.7	-8,077.3	8,144.4	0.00	0.00	0.00
17,300.0	89.67	269.37	7,262.6	-1,051.8	-8,177.3	8,243.9	0.00	0.00	0.00
17,400.0	89.67	269.37	7,263.2	-1,052.9	-8,277.3	8,343.4	0.00	0.00	0.00
17,500.0	89.67	269.37	7,263.8	-1,054.0	-8,377.3	8,442.8	0.00	0.00	0.00
17,600.0	89.67	269.37	7,264.4	-1,055.1	-8,477.3	8,542.3	0.00	0.00	0.00
17,700.0	89.67	269.37	7,264.9	-1,056.2	-8,577.3	8,641.8	0.00	0.00	0.00
17,800.0	89.67	269.37	7,265.5	-1,057.3	-8,677.3	8,741.2	0.00	0.00	0.00
17,900.0	89.67	269.37	7,266.1	-1,058.4	-8,777.3	8,840.7	0.00	0.00	0.00
18,000.0	89.67	269.37	7,266.7	-1,059.5	-8,877.3	8,940.2	0.00	0.00	0.00
18,100.0	89.67	269.37	7,267.2	-1,060.6	-8,977.3	9,039.6	0.00	0.00	0.00
18,200.0	89.67	269.37	7,267.8	-1,061.6	-9,077.2	9,139.1	0.00	0.00	0.00
18,300.0	89.67	269.37	7,268.4	-1,062.7	-9,177.2	9,238.6	0.00	0.00	0.00
18,400.0	89.67	269.37	7,269.0	-1,063.8	-9,277.2	9,338.0	0.00	0.00	0.00
18,403.5	89.67	269.37	7,269.0	-1,063.9	-9,280.7	9,341.5	0.00	0.00	0.00
TD at 18403.5									

Database:	US_EDM	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Project:	SEC.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	North Reference:	True
Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (8-02-17)		

Design Targets										
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)			
- Shape										
SHL 1123'FSL, 1575'FEI - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,077.40	3,205,704.48	40.541801	-104.759855	
LPL 160'FSL, 470'FEL, 5' - plan hits target center - Point	0.00	0.00	7,209.0	-949.8	1,111.2	1,440,136.97	3,206,823.57	40.539194	-104.755857	
BHL 160'FSL, 5'FWL, 5' - plan hits target center - Point	0.00	0.00	7,269.0	-1,063.9	-9,280.7	1,439,936.12	3,196,433.27	40.538876	-104.793245	

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	Comment	
200.0	200.0	0.0	0.0	KOP - Start Build 1.50	
5,387.4	5,025.9	-154.0	298.1	Start Drop -2.00	
6,890.2	6,493.1	-826.4	1,599.5	Start Build 8.00	
8,010.7	7,209.0	-941.9	1,823.1	Start DLS 0.50 TFO 106.30	
8,011.3	7,209.0	-941.9	1,823.1	Start 10392.2 hold at 8011.3 MD	
18,403.5	7,269.0	-949.8	1,111.2	TD at 18403.5	



Bayswater Exploration & Production, LLC

SEC.27-T7N-R66W

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

G & D Hanks X-27-28HN

Wellbore #1

Plan #1 (8-02-17)

Anticollision Report

04 August, 2017



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	8/4/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	18,403.5	Plan #1 (8-02-17) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Anderson 34R-HZ Pad Sec.34-T7N-R66W						
Anderson 34R-203 - Wellbore #1 - Wellbore #1	9,402.7	6,962.7	501.7	438.4	7.929	CC, ES
Anderson 34R-203 - Wellbore #1 - Wellbore #1	9,500.0	6,964.7	511.0	445.9	7.848	SF
Anderson 34R-223 - Wellbore #1 - Wellbore #1	8,691.1	6,935.4	506.2	454.9	9.864	CC
Anderson 34R-223 - Wellbore #1 - Wellbore #1	8,700.0	6,935.2	506.3	454.9	9.846	ES
Anderson 34R-223 - Wellbore #1 - Wellbore #1	8,800.0	6,932.7	517.8	465.1	9.836	SF
Anderson 34R-343 - Wellbore #1 - Wellbore #1	9,715.5	7,031.3	475.6	401.8	6.442	CC, ES
Anderson 34R-343 - Wellbore #1 - Wellbore #1	9,800.0	7,032.8	483.1	407.5	6.392	SF
Anderson 34R-403 - Wellbore #1 - Wellbore #1	9,069.9	7,009.5	428.7	369.0	7.177	CC, ES
Anderson 34R-403 - Wellbore #1 - Wellbore #1	9,100.0	7,009.5	429.8	369.5	7.135	SF
G & D Hanks 27-N Pad Sec.27-T7N-R66W						
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	165.0	164.4	244.750	CC, ES
G & D Hanks M-27-28HN - Wellbore #1 - Plan #1 (8-02-1	2,500.0	2,325.2	777.0	754.4	34.274	SF
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	150.1	149.4	222.604	CC, ES
G & D Hanks N-27-28HC - Wellbore #1 - Plan #1 (8-02-1	2,700.0	2,554.2	772.1	747.5	31.375	SF
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	135.2	134.5	200.446	CC, ES
G & D Hanks O-27-28HN - Wellbore #1 - Plan #1 (8-02-1	2,900.0	2,776.0	775.3	748.7	29.175	SF
G & D Hanks P-27-28HC - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	119.9	119.2	177.752	CC, ES
G & D Hanks P-27-28HC - Wellbore #1 - Plan #1 (8-02-1	3,300.0	3,217.1	797.3	765.6	25.138	SF
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	104.9	104.3	155.606	CC, ES
G & D Hanks Q-27-28HC - Wellbore #1 - Plan #1 (8-02-1	3,500.0	3,417.3	777.9	740.7	20.901	SF
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	90.0	89.3	133.448	CC, ES
G & D Hanks R-27-28HN - Wellbore #1 - Plan #1 (8-02-1	3,800.0	3,710.1	781.1	736.1	17.370	SF
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	75.1	74.4	111.308	CC, ES
G & D Hanks S-27-28HN - Wellbore #1 - Plan #1 (8-02-1	4,900.0	4,848.3	794.9	735.8	13.438	SF
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	60.1	59.4	89.156	CC, ES
G & D Hanks T-27-28HC - Wellbore #1 - Plan #1 (8-02-1	5,700.0	5,676.0	792.1	722.8	11.417	SF
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	45.2	44.5	67.004	CC
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	300.0	300.2	45.6	44.5	41.528	ES
G & D Hanks U-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,403.5	18,290.2	660.6	57.0	1.094	Level 2, SF
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	29.9	29.2	44.312	CC
G & D Hanks V-27-28HN - Wellbore #1 - Plan #1 (8-02-1	18,403.5	18,419.3	356.3	-239.1	0.598	Level 1, ES, SF
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	200.0	200.0	14.9	14.3	22.152	CC
G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-1	18,403.5	18,537.6	195.7	-324.1	0.377	Level 1, ES, SF

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

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	9,544.6	7,250.2	484.9	406.2	6.161	CC, ES
G&D HANKS 15-27 - Wellbore #1 - Wellbore #1	9,600.0	7,250.7	488.0	408.1	6.105	SF
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	204.9	199.4	501.8	501.2	876.993	CC, ES
G&D HANKS 20-27 - Wellbore #1 - Wellbore #1	2,200.0	2,268.7	794.8	784.4	76.189	SF

Offset Design Anderson 34R-HZ Pad Sec.34-T7N-R66W - Anderson 34R-203 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 146-													Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Separation Factor		Warning				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.0	7,213.6	6,955.0	6,882.0	50.2	16.9	-48.73	-1,342.1	-278.2	784.1	730.8	53.28	14.716		
8,900.0	7,214.1	6,955.0	6,882.0	51.8	16.9	-48.73	-1,342.1	-278.2	710.1	655.4	54.69	12.984		
9,000.0	7,214.7	6,955.0	6,882.0	53.5	16.9	-48.73	-1,342.1	-278.2	643.2	587.1	56.17	11.452		
9,100.0	7,215.3	6,955.0	6,882.0	55.3	16.9	-48.73	-1,342.1	-278.2	585.9	528.2	57.70	10.154		
9,200.0	7,215.9	6,955.0	6,882.0	57.2	16.9	-48.73	-1,342.1	-278.2	541.1	481.8	59.28	9.127		
9,300.0	7,216.4	6,960.7	6,886.4	59.2	16.9	-49.37	-1,345.8	-278.3	512.1	450.7	61.37	8.344		
9,400.0	7,217.0	6,962.7	6,887.9	61.3	16.9	-49.60	-1,347.1	-278.3	501.7	438.5	63.22	7.936		
9,402.7	7,217.0	6,962.7	6,887.9	61.3	16.9	-49.61	-1,347.1	-278.3	501.7	438.4	63.27	7.929	CC, ES	
9,500.0	7,217.6	6,964.7	6,889.4	63.4	16.9	-49.83	-1,348.4	-278.4	511.0	445.9	65.12	7.848	SF	
9,600.0	7,218.2	6,966.7	6,890.9	65.6	16.9	-50.06	-1,349.7	-278.4	539.1	472.0	67.06	8.039		
9,700.0	7,218.8	6,968.6	6,892.4	67.8	16.9	-50.28	-1,351.0	-278.4	583.1	514.1	69.03	8.446		
9,800.0	7,219.3	6,970.6	6,893.9	70.1	16.9	-50.51	-1,352.3	-278.5	639.9	568.8	71.05	9.006		
9,900.0	7,219.9	6,972.6	6,895.4	72.5	16.9	-50.74	-1,353.6	-278.5	706.3	633.2	73.10	9.661		
10,000.0	7,220.5	6,974.6	6,896.9	74.8	16.9	-50.96	-1,354.9	-278.5	779.9	704.7	75.19	10.373		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 146- Anderson 34R-HZ Pad Sec.34-T7N-R66W - Anderson 34R-223 - Wellbore #1 - Wellbore #1													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,100.0	7,209.5	6,953.0	6,903.0	43.2	14.6	-52.86	-1,361.1	434.2	778.1	732.0	46.15	16.861		
8,200.0	7,210.1	6,946.0	6,897.6	43.8	14.5	-52.07	-1,356.6	433.9	705.2	658.6	46.53	15.155		
8,300.0	7,210.7	6,944.0	6,896.1	44.4	14.5	-51.84	-1,355.3	433.8	639.6	592.3	47.31	13.519		
8,400.0	7,211.2	6,941.9	6,894.5	45.3	14.5	-51.61	-1,354.0	433.7	583.9	535.7	48.20	12.113		
8,500.0	7,211.8	6,939.7	6,892.9	46.3	14.5	-51.36	-1,352.6	433.6	541.0	491.9	49.19	10.999		
8,600.0	7,212.4	6,937.5	6,891.1	47.5	14.5	-51.11	-1,351.2	433.5	514.3	464.1	50.27	10.232		
8,691.1	7,212.9	6,935.4	6,889.5	48.7	14.5	-50.87	-1,349.9	433.4	506.2	454.9	51.32	9.864 CC		
8,700.0	7,213.0	6,935.2	6,889.3	48.8	14.5	-50.85	-1,349.8	433.4	506.3	454.9	51.42	9.846 ES		
8,800.0	7,213.6	6,932.7	6,887.4	50.2	14.5	-50.57	-1,348.2	433.2	517.8	465.1	52.64	9.836 SF		
8,900.0	7,214.1	6,930.2	6,885.5	51.8	14.5	-50.29	-1,346.6	433.1	547.6	493.6	53.91	10.156		
9,000.0	7,214.7	6,927.6	6,883.4	53.5	14.5	-49.99	-1,345.0	433.0	592.9	537.7	55.24	10.734		
9,100.0	7,215.3	6,921.0	6,878.3	55.3	14.5	-49.24	-1,340.9	432.6	650.6	594.3	56.32	11.551		
9,200.0	7,215.9	6,921.0	6,878.3	57.2	14.5	-49.24	-1,340.9	432.6	717.6	659.7	57.92	12.390		
9,300.0	7,216.4	6,921.0	6,878.3	59.2	14.5	-49.24	-1,340.9	432.6	791.6	732.0	59.55	13.292		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Anderson 34R-HZ Pad Sec.34-T7N-R66W - Anderson 34R-343 - Wellbore #1 - Wellbore #1													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		
9,100.0	7,215.3	7,021.0	6,920.0	55.3	20.1	-51.70	-1,341.9	-590.7	777.7	715.7	62.09	12.526		
9,200.0	7,215.9	7,022.6	6,921.3	57.2	20.1	-51.89	-1,342.8	-590.8	701.3	637.4	63.86	10.981		
9,300.0	7,216.4	7,024.2	6,922.6	59.2	20.2	-52.09	-1,343.8	-590.8	631.5	565.8	65.69	9.613		
9,400.0	7,217.0	7,025.9	6,923.9	61.3	20.2	-52.28	-1,344.7	-590.8	570.7	503.1	67.57	8.446		
9,500.0	7,217.6	7,027.5	6,925.2	63.4	20.2	-52.49	-1,345.7	-590.8	522.1	452.6	69.51	7.512		
9,600.0	7,218.2	7,029.2	6,926.6	65.6	20.2	-52.69	-1,346.8	-590.9	489.4	417.9	71.49	6.847		
9,700.0	7,218.8	7,031.0	6,928.0	67.8	20.2	-52.90	-1,347.8	-590.9	475.9	402.4	73.51	6.474		
9,715.5	7,218.8	7,031.3	6,928.2	68.2	20.2	-52.94	-1,348.0	-590.9	475.6	401.8	73.83	6.442 CC, ES		
9,800.0	7,219.3	7,032.8	6,929.4	70.1	20.2	-53.12	-1,348.9	-590.9	483.1	407.5	75.57	6.392 SF		
9,900.0	7,219.9	7,034.6	6,930.8	72.5	20.2	-53.34	-1,350.0	-590.9	510.1	432.5	77.68	6.567		
10,000.0	7,220.5	7,036.5	6,932.3	74.8	20.2	-53.56	-1,351.1	-591.0	554.2	474.4	79.82	6.943		
10,100.0	7,221.1	7,038.4	6,933.8	77.2	20.2	-53.79	-1,352.3	-591.0	611.5	529.5	81.99	7.458		
10,200.0	7,221.6	7,043.0	6,937.5	79.6	20.2	-54.35	-1,355.1	-591.1	678.9	594.4	84.48	8.036		
10,300.0	7,222.2	7,043.0	6,937.5	82.1	20.2	-54.35	-1,355.1	-591.1	753.5	666.9	86.52	8.708		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design Anderson 34R-HZ Pad Sec.34-T7N-R66W - Anderson 34R-403 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 146-													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,400.0	7,211.2	7,009.4	6,967.5	45.3	14.9	-55.37	-1,314.2	54.7	795.3	745.0	50.28	15.817		
8,500.0	7,211.8	7,009.5	6,967.5	46.3	14.9	-55.37	-1,314.2	54.7	713.1	661.7	51.43	13.865		
8,600.0	7,212.4	7,009.5	6,967.5	47.5	14.9	-55.37	-1,314.2	54.7	636.1	583.4	52.69	12.072		
8,700.0	7,213.0	7,009.5	6,967.5	48.8	14.9	-55.37	-1,314.2	54.7	566.2	512.2	54.04	10.477		
8,800.0	7,213.6	7,009.5	6,967.5	50.2	14.9	-55.37	-1,314.2	54.7	506.6	451.1	55.48	9.131		
8,900.0	7,214.1	7,009.5	6,967.5	51.8	14.9	-55.38	-1,314.2	54.7	461.1	404.1	57.00	8.090		
9,000.0	7,214.7	7,009.5	6,967.5	53.5	14.9	-55.38	-1,314.2	54.7	434.4	375.8	58.59	7.414		
9,069.9	7,215.1	7,009.5	6,967.5	54.8	14.9	-55.38	-1,314.2	54.7	428.7	369.0	59.74	7.177 CC, ES		
9,100.0	7,215.3	7,009.5	6,967.5	55.3	14.9	-55.38	-1,314.2	54.7	429.8	369.5	60.24	7.135 SF		
9,200.0	7,215.9	7,009.5	6,967.5	57.2	14.9	-55.38	-1,314.2	54.7	448.0	386.1	61.94	7.233		
9,300.0	7,216.4	7,009.5	6,967.5	59.2	14.9	-55.38	-1,314.2	54.7	486.6	422.9	63.70	7.639		
9,400.0	7,217.0	7,009.5	6,967.5	61.3	14.9	-55.38	-1,314.2	54.7	541.1	475.6	65.50	8.261		
9,500.0	7,217.6	7,009.5	6,967.5	63.4	14.9	-55.38	-1,314.2	54.7	607.3	540.0	67.35	9.017		
9,600.0	7,218.2	7,009.5	6,967.6	65.6	14.9	-55.38	-1,314.2	54.7	681.8	612.6	69.23	9.848		
9,700.0	7,218.8	7,009.5	6,967.6	67.8	14.9	-55.38	-1,314.2	54.7	762.2	691.0	71.15	10.712		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.19	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	734.250		
200.0	200.0	200.0	200.0	0.3	0.3	0.19	165.0	0.6	165.0	164.4	0.67	244.750 CC, ES		
300.0	300.0	297.6	297.6	0.5	0.6	-117.15	165.7	1.6	166.3	165.2	1.10	151.071		
400.0	399.9	395.2	395.1	0.8	0.8	-117.20	167.8	4.7	170.3	168.7	1.54	110.767		
500.0	499.7	492.5	492.2	1.0	1.0	-117.27	171.2	9.9	176.8	174.8	2.00	88.237		
600.0	599.3	589.6	588.9	1.3	1.3	-117.36	176.0	17.1	185.9	183.4	2.50	74.256		
700.0	698.6	686.2	684.9	1.5	1.5	-117.45	182.1	26.3	197.6	194.6	3.04	64.920		
800.0	797.5	782.4	780.1	1.9	1.8	-117.54	189.6	37.5	211.9	208.3	3.63	58.347		
900.0	896.1	878.0	874.4	2.2	2.2	-117.62	198.3	50.5	228.7	224.5	4.27	53.534		
1,000.0	994.2	972.9	967.7	2.6	2.5	-117.67	208.2	65.5	248.1	243.1	4.97	49.898		
1,100.0	1,091.7	1,067.1	1,059.7	3.1	2.9	-117.69	219.3	82.2	269.9	264.2	5.73	47.083		
1,200.0	1,188.6	1,160.5	1,150.4	3.6	3.3	-117.69	231.5	100.6	294.2	287.6	6.56	44.860		
1,300.0	1,284.9	1,253.0	1,239.7	4.1	3.8	-117.65	244.9	120.7	320.8	313.4	7.45	43.076		
1,400.0	1,380.4	1,344.5	1,327.5	4.7	4.3	-117.58	259.2	142.3	349.9	341.5	8.41	41.604		
1,500.0	1,475.0	1,435.0	1,413.6	5.4	4.9	-117.47	274.6	165.4	381.3	371.9	9.44	40.408		
1,600.0	1,568.9	1,524.5	1,498.1	6.1	5.4	-117.34	290.9	189.9	415.0	404.4	10.53	39.403		
1,700.0	1,661.7	1,612.8	1,580.8	6.8	6.0	-117.17	308.0	215.7	450.9	439.2	11.69	38.555		
1,800.0	1,753.6	1,700.0	1,661.7	7.7	6.7	-116.97	326.0	242.7	489.0	476.0	12.93	37.830		
1,812.9	1,765.4	1,711.0	1,671.9	7.8	6.7	-116.94	328.3	246.2	494.0	480.9	13.09	37.740		
1,900.0	1,844.8	1,786.0	1,740.8	8.5	7.3	-117.15	344.7	270.8	528.8	514.5	14.23	37.162		
2,000.0	1,936.1	1,871.3	1,818.5	9.4	8.0	-117.19	364.2	300.2	569.6	554.0	15.57	36.588		
2,100.0	2,027.3	1,961.3	1,899.9	10.2	8.8	-117.10	385.5	332.2	611.1	594.1	16.97	36.016		
2,200.0	2,118.5	2,052.3	1,982.1	11.1	9.6	-117.03	407.0	364.5	652.6	634.2	18.38	35.500		
2,300.0	2,209.7	2,143.3	2,064.4	12.0	10.4	-116.96	428.5	396.9	694.1	674.2	19.81	35.044		
2,400.0	2,300.9	2,234.2	2,146.7	12.9	11.1	-116.91	450.0	429.2	735.5	714.3	21.24	34.637		
2,500.0	2,392.1	2,325.2	2,229.0	13.7	11.9	-116.85	471.5	461.6	777.0	754.4	22.67	34.274 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.21	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	667.811		
200.0	200.0	200.0	200.0	0.3	0.3	0.21	150.1	0.6	150.1	149.4	0.67	222.604	CC, ES	
300.0	300.0	300.0	300.0	0.5	0.6	-117.55	150.1	0.6	150.7	149.6	1.11	135.821		
400.0	399.9	399.9	399.9	0.8	0.8	-118.83	150.1	0.6	152.6	151.0	1.55	98.525		
500.0	499.7	497.9	497.9	1.0	1.0	-120.43	150.7	1.6	156.4	154.4	2.00	78.276		
600.0	599.3	595.8	595.7	1.3	1.2	-121.90	152.6	4.9	162.8	160.4	2.47	65.977		
700.0	698.6	693.5	693.2	1.5	1.4	-123.16	155.8	10.3	171.9	168.9	2.97	57.900		
800.0	797.5	791.0	790.3	1.9	1.7	-124.20	160.1	17.8	183.4	179.9	3.50	52.340		
900.0	896.1	888.1	886.8	2.2	1.9	-125.01	165.7	27.5	197.5	193.4	4.08	48.358		
1,000.0	994.2	984.8	982.5	2.6	2.2	-125.60	172.5	39.2	214.0	209.3	4.71	45.405		
1,100.0	1,091.7	1,080.9	1,077.3	3.1	2.5	-126.00	180.5	52.9	233.0	227.6	5.40	43.145		
1,200.0	1,188.6	1,176.5	1,171.2	3.6	2.9	-126.22	189.6	68.6	254.3	248.2	6.15	41.367		
1,300.0	1,284.9	1,271.4	1,263.9	4.1	3.3	-126.30	199.8	86.1	278.0	271.1	6.96	39.932		
1,400.0	1,380.4	1,365.6	1,355.4	4.7	3.7	-126.25	211.1	105.5	304.0	296.2	7.85	38.749		
1,500.0	1,475.0	1,459.0	1,445.5	5.4	4.2	-126.11	223.3	126.7	332.3	323.5	8.80	37.748		
1,600.0	1,568.9	1,551.5	1,534.1	6.1	4.7	-125.89	236.6	149.5	362.8	353.0	9.83	36.908		
1,700.0	1,661.7	1,643.1	1,621.3	6.8	5.2	-125.61	250.8	173.9	395.5	384.5	10.93	36.178		
1,800.0	1,753.6	1,733.7	1,706.7	7.7	5.8	-125.26	265.8	199.9	430.3	418.2	12.11	35.543		
1,812.9	1,765.4	1,745.3	1,717.7	7.8	5.8	-125.22	267.8	203.3	435.0	422.7	12.27	35.465		
1,900.0	1,844.8	1,823.5	1,790.7	8.5	6.4	-125.20	281.8	227.3	466.8	453.4	13.36	34.950		
2,000.0	1,936.1	1,912.7	1,873.4	9.4	7.0	-124.96	298.6	256.2	503.9	489.2	14.66	34.383		
2,100.0	2,027.3	2,001.2	1,954.7	10.2	7.7	-124.53	316.2	286.5	541.8	525.7	16.00	33.850		
2,200.0	2,118.5	2,092.9	2,038.4	11.1	8.4	-124.01	335.0	319.0	580.1	562.7	17.42	33.307		
2,300.0	2,209.7	2,185.2	2,122.6	12.0	9.2	-123.55	354.0	351.7	618.4	599.6	18.84	32.824		
2,400.0	2,300.9	2,277.4	2,206.7	12.9	10.0	-123.14	373.0	384.4	656.8	636.6	20.27	32.397		
2,500.0	2,392.1	2,369.7	2,290.9	13.7	10.7	-122.78	391.9	417.0	695.2	673.5	21.71	32.017		
2,600.0	2,483.4	2,461.9	2,375.0	14.6	11.5	-122.46	410.9	449.7	733.7	710.5	23.16	31.679		
2,700.0	2,574.6	2,554.2	2,459.2	15.5	12.2	-122.17	429.9	482.4	772.1	747.5	24.61	31.375	SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.24	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	601.337		
200.0	200.0	200.0	200.0	0.3	0.3	0.24	135.2	0.6	135.2	134.5	0.67	200.446 CC, ES		
300.0	300.0	300.0	300.0	0.5	0.6	-117.57	135.2	0.6	135.8	134.7	1.11	122.355		
400.0	399.9	399.9	399.9	0.8	0.8	-118.99	135.2	0.6	137.6	136.1	1.55	88.877		
500.0	499.7	499.7	499.7	1.0	1.0	-121.28	135.2	0.6	140.9	138.9	2.01	70.224		
600.0	599.3	599.3	599.3	1.3	1.2	-124.28	135.2	0.6	145.9	143.4	2.48	58.768		
700.0	698.6	697.5	697.5	1.5	1.4	-127.33	135.7	1.7	153.2	150.2	2.97	51.633		
800.0	797.5	795.7	795.6	1.9	1.7	-129.90	137.4	5.0	163.2	159.7	3.47	47.064		
900.0	896.1	893.7	893.4	2.2	1.9	-131.96	140.2	10.7	175.7	171.8	3.99	44.003		
1,000.0	994.2	991.6	990.9	2.6	2.1	-133.51	144.1	18.5	190.7	186.2	4.55	41.897		
1,100.0	1,091.7	1,089.2	1,087.9	3.1	2.4	-134.61	149.1	28.6	208.1	202.9	5.15	40.391		
1,200.0	1,188.6	1,186.4	1,184.1	3.6	2.6	-135.33	155.2	40.8	227.7	221.9	5.80	39.262		
1,300.0	1,284.9	1,283.3	1,279.6	4.1	3.0	-135.72	162.3	55.1	249.4	242.9	6.50	38.366		
1,400.0	1,380.4	1,379.6	1,374.2	4.7	3.3	-135.86	170.5	71.5	273.3	266.0	7.27	37.613		
1,500.0	1,475.0	1,475.4	1,467.7	5.4	3.7	-135.78	179.7	89.9	299.3	291.2	8.10	36.948		
1,600.0	1,568.9	1,570.5	1,560.1	6.1	4.1	-135.55	189.9	110.3	327.3	318.3	9.01	36.337		
1,700.0	1,661.7	1,665.0	1,651.3	6.8	4.5	-135.19	201.0	132.6	357.4	347.4	9.99	35.768		
1,800.0	1,753.6	1,758.7	1,741.0	7.7	5.0	-134.74	213.0	156.6	389.5	378.5	11.06	35.228		
1,812.9	1,765.4	1,770.8	1,752.5	7.8	5.1	-134.67	214.6	159.9	393.8	382.6	11.20	35.163		
1,900.0	1,844.8	1,851.9	1,829.6	8.5	5.6	-134.45	225.9	182.5	423.0	410.8	12.20	34.663		
2,000.0	1,936.1	1,944.7	1,917.1	9.4	6.1	-133.94	239.7	210.2	456.7	443.3	13.42	34.034		
2,100.0	2,027.3	2,037.1	2,003.4	10.2	6.8	-133.23	254.3	239.7	490.8	476.1	14.71	33.375		
2,200.0	2,118.5	2,129.0	2,088.5	11.1	7.4	-132.36	269.9	270.8	525.2	509.2	16.06	32.710		
2,300.0	2,209.7	2,220.2	2,172.1	12.0	8.1	-131.37	286.2	303.5	560.1	542.7	17.47	32.060		
2,400.0	2,300.9	2,311.7	2,255.1	12.9	8.9	-130.28	303.3	338.0	595.6	576.6	18.95	31.428		
2,500.0	2,392.1	2,404.6	2,339.1	13.7	9.7	-129.25	320.9	373.3	631.2	610.8	20.46	30.849		
2,600.0	2,483.4	2,497.4	2,423.2	14.6	10.4	-128.34	338.5	408.6	667.1	645.1	21.98	30.345		
2,700.0	2,574.6	2,590.3	2,507.2	15.5	11.2	-127.52	356.1	443.9	703.0	679.5	23.51	29.905		
2,800.0	2,665.8	2,683.1	2,591.3	16.4	12.0	-126.78	373.7	479.2	739.1	714.1	25.04	29.517		
2,900.0	2,757.0	2,776.0	2,675.3	17.3	12.8	-126.10	391.3	514.5	775.3	748.7	26.57	29.175 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.13	119.9	0.3	119.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.13	119.9	0.3	119.9	119.6	0.22	533.256		
200.0	200.0	200.0	200.0	0.3	0.3	0.13	119.9	0.3	119.9	119.2	0.67	177.752 CC, ES		
300.0	300.0	300.0	300.0	0.5	0.6	-117.74	119.9	0.3	120.5	119.4	1.11	108.564		
400.0	399.9	399.9	399.9	0.8	0.8	-119.34	119.9	0.3	122.3	120.8	1.55	79.001		
500.0	499.7	499.7	499.7	1.0	1.0	-121.89	119.9	0.3	125.7	123.7	2.01	62.625		
600.0	599.3	599.3	599.3	1.3	1.2	-125.23	119.9	0.3	130.8	128.3	2.48	52.674		
700.0	698.6	698.6	698.6	1.5	1.5	-129.12	119.9	0.3	137.9	134.9	2.97	46.379		
800.0	797.5	797.5	797.5	1.9	1.7	-133.32	119.9	0.3	147.4	143.9	3.48	42.414		
900.0	896.1	896.2	896.2	2.2	1.9	-137.17	120.2	1.4	159.5	155.6	3.98	40.102		
1,000.0	994.2	995.0	994.9	2.6	2.1	-140.14	121.5	5.0	174.1	169.6	4.49	38.804		
1,100.0	1,091.7	1,093.8	1,093.5	3.1	2.3	-142.34	123.5	11.0	190.8	185.8	5.01	38.056		
1,200.0	1,188.6	1,192.5	1,191.8	3.6	2.6	-143.87	126.4	19.4	209.6	204.0	5.57	37.622		
1,300.0	1,284.9	1,291.2	1,289.8	4.1	2.8	-144.86	130.0	30.1	230.1	223.9	6.16	37.344		
1,400.0	1,380.4	1,389.7	1,387.4	4.7	3.1	-145.41	134.5	43.3	252.3	245.5	6.80	37.122		
1,500.0	1,475.0	1,488.1	1,484.4	5.4	3.4	-145.61	139.8	58.8	276.3	268.8	7.49	36.893		
1,600.0	1,568.9	1,586.1	1,580.6	6.1	3.7	-145.54	145.9	76.6	301.8	293.6	8.24	36.619		
1,700.0	1,661.7	1,683.9	1,676.1	6.8	4.1	-145.25	152.7	96.7	329.0	319.9	9.07	36.281		
1,800.0	1,753.6	1,781.3	1,770.6	7.7	4.5	-144.80	160.3	118.9	357.7	347.8	9.97	35.874		
1,812.9	1,765.4	1,793.9	1,782.7	7.8	4.6	-144.73	161.3	122.0	361.6	351.5	10.09	35.827		
1,900.0	1,844.8	1,878.6	1,864.3	8.5	5.0	-144.37	168.6	143.5	387.3	376.4	10.97	35.323		
2,000.0	1,936.1	1,975.9	1,957.4	9.4	5.5	-143.68	177.8	170.3	416.5	404.5	12.05	34.572		
2,100.0	2,027.3	2,073.2	2,049.7	10.2	6.0	-142.76	187.7	199.3	445.4	432.2	13.22	33.690		
2,200.0	2,118.5	2,170.3	2,141.1	11.1	6.6	-141.64	198.3	230.5	474.0	459.6	14.49	32.725		
2,300.0	2,209.7	2,267.2	2,231.4	12.0	7.3	-140.37	209.6	263.7	502.5	486.7	15.84	31.721		
2,400.0	2,300.9	2,363.6	2,320.3	12.9	8.0	-138.97	221.6	299.0	531.0	513.7	17.29	30.711		
2,500.0	2,392.1	2,459.5	2,407.8	13.7	8.7	-137.46	234.3	336.2	559.5	540.7	18.82	29.732		
2,600.0	2,483.4	2,554.3	2,493.7	14.6	9.5	-135.99	247.2	374.0	588.4	568.0	20.40	28.840		
2,700.0	2,574.6	2,648.9	2,579.6	15.5	10.3	-134.65	260.0	411.7	617.5	595.5	22.00	28.074		
2,800.0	2,665.8	2,743.6	2,665.5	16.4	11.1	-133.43	272.9	449.5	646.9	623.3	23.60	27.411		
2,900.0	2,757.0	2,838.3	2,751.3	17.3	11.9	-132.32	285.8	487.3	676.6	651.4	25.22	26.833		
3,000.0	2,848.2	2,933.0	2,837.2	18.1	12.7	-131.30	298.7	525.0	706.5	679.7	26.84	26.327		
3,100.0	2,939.4	3,027.7	2,923.1	19.0	13.6	-130.36	311.5	562.8	736.6	708.1	28.46	25.882		
3,200.0	3,030.7	3,122.4	3,009.0	19.9	14.4	-129.50	324.4	600.6	766.9	736.8	30.09	25.488		
3,300.0	3,121.9	3,217.1	3,094.8	20.8	15.2	-128.70	337.3	638.3	797.3	765.6	31.72	25.138 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.15	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	466.818		
200.0	200.0	200.0	200.0	0.3	0.3	0.15	104.9	0.3	104.9	104.3	0.67	155.606 CC, ES		
300.0	300.0	300.0	300.0	0.5	0.6	-117.80	104.9	0.3	105.5	104.4	1.11	95.105		
400.0	399.9	399.9	399.9	0.8	0.8	-119.62	104.9	0.3	107.4	105.9	1.55	69.361		
500.0	499.7	499.7	499.7	1.0	1.0	-122.52	104.9	0.3	110.8	108.8	2.01	55.207		
600.0	599.3	599.0	599.0	1.3	1.2	-125.62	105.2	1.5	116.1	113.6	2.47	46.949		
700.0	698.6	698.4	698.3	1.5	1.4	-128.16	106.1	5.3	123.4	120.5	2.95	41.793		
800.0	797.5	797.8	797.5	1.9	1.7	-130.13	107.6	11.6	132.7	129.3	3.46	38.315		
900.0	896.1	897.1	896.4	2.2	1.9	-131.56	109.8	20.3	143.8	139.8	4.01	35.865		
1,000.0	994.2	996.4	995.0	2.6	2.2	-132.50	112.5	31.6	156.7	152.1	4.60	34.054		
1,100.0	1,091.7	1,095.5	1,093.1	3.1	2.5	-133.04	115.8	45.3	171.2	166.0	5.24	32.645		
1,200.0	1,188.6	1,194.4	1,190.6	3.6	2.8	-133.24	119.7	61.5	187.4	181.5	5.95	31.492		
1,300.0	1,284.9	1,293.1	1,287.4	4.1	3.1	-133.19	124.1	80.0	205.2	198.5	6.73	30.504		
1,400.0	1,380.4	1,391.5	1,383.4	4.7	3.5	-132.92	129.2	101.0	224.7	217.1	7.58	29.629		
1,500.0	1,475.0	1,489.6	1,478.6	5.4	4.0	-132.51	134.8	124.2	245.7	237.2	8.52	28.834		
1,600.0	1,568.9	1,587.4	1,572.7	6.1	4.5	-131.97	140.9	149.7	268.3	258.8	9.55	28.104		
1,700.0	1,661.7	1,684.7	1,665.8	6.8	5.0	-131.35	147.6	177.5	292.5	281.8	10.67	27.425		
1,800.0	1,753.6	1,781.7	1,757.8	7.7	5.6	-130.67	154.8	207.4	318.3	306.4	11.88	26.794		
1,812.9	1,765.4	1,794.2	1,769.5	7.8	5.7	-130.58	155.8	211.4	321.7	309.7	12.04	26.721		
1,900.0	1,844.8	1,878.3	1,848.6	8.5	6.2	-130.10	162.5	239.4	345.0	331.8	13.19	26.156		
2,000.0	1,936.1	1,974.7	1,938.4	9.4	6.9	-129.26	170.8	273.6	371.7	357.1	14.58	25.486		
2,100.0	2,027.3	2,070.9	2,027.4	10.2	7.6	-128.35	179.3	308.9	398.5	382.4	16.04	24.845		
2,200.0	2,118.5	2,167.1	2,116.5	11.1	8.4	-127.55	187.8	344.1	425.3	407.8	17.51	24.292		
2,300.0	2,209.7	2,263.2	2,205.6	12.0	9.1	-126.85	196.3	379.4	452.2	433.2	18.99	23.812		
2,400.0	2,300.9	2,359.4	2,294.7	12.9	9.8	-126.22	204.8	414.6	479.2	458.7	20.49	23.392		
2,500.0	2,392.1	2,455.6	2,383.7	13.7	10.6	-125.67	213.2	449.9	506.2	484.2	21.99	23.024		
2,600.0	2,483.4	2,551.8	2,472.8	14.6	11.3	-125.16	221.7	485.1	533.3	509.8	23.49	22.698		
2,700.0	2,574.6	2,647.9	2,561.9	15.5	12.1	-124.71	230.2	520.4	560.4	535.4	25.01	22.408		
2,800.0	2,665.8	2,744.1	2,651.0	16.4	12.8	-124.30	238.7	555.6	587.5	561.0	26.53	22.148		
2,900.0	2,757.0	2,840.3	2,740.0	17.3	13.6	-123.92	247.2	590.9	614.6	586.6	28.05	21.915		
3,000.0	2,848.2	2,936.4	2,829.1	18.1	14.4	-123.58	255.7	626.1	641.8	612.2	29.57	21.705		
3,100.0	2,939.4	3,032.6	2,918.2	19.0	15.1	-123.27	264.2	661.3	669.0	637.9	31.10	21.514		
3,200.0	3,030.7	3,128.8	3,007.2	19.9	15.9	-122.97	272.7	696.6	696.2	663.6	32.63	21.340		
3,300.0	3,121.9	3,224.9	3,096.3	20.8	16.6	-122.71	281.2	731.8	723.4	689.3	34.16	21.181		
3,400.0	3,213.1	3,321.1	3,185.4	21.7	17.4	-122.46	289.7	767.1	750.7	715.0	35.69	21.035		
3,500.0	3,304.3	3,417.3	3,274.5	22.6	18.2	-122.22	298.2	802.3	777.9	740.7	37.22	20.901 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.18	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	400.344		
200.0	200.0	200.0	200.0	0.3	0.3	0.18	90.0	0.3	90.0	89.3	0.67	133.448 CC, ES		
300.0	300.0	299.6	299.6	0.5	0.6	-117.06	90.2	1.6	90.8	89.7	1.10	82.528		
400.0	399.9	399.2	399.1	0.8	0.8	-116.80	90.8	5.4	93.2	91.7	1.53	60.773		
500.0	499.7	498.7	498.4	1.0	1.0	-116.41	91.8	11.8	97.2	95.2	2.00	48.524		
600.0	599.3	598.1	597.4	1.3	1.3	-115.90	93.2	20.7	102.9	100.4	2.52	40.897		
700.0	698.6	697.3	695.9	1.5	1.5	-115.31	95.0	32.2	110.1	107.0	3.08	35.786		
800.0	797.5	796.3	793.9	1.9	1.9	-114.69	97.3	46.2	119.0	115.3	3.70	32.169		
900.0	896.1	895.1	891.3	2.2	2.2	-114.05	99.9	62.6	129.4	125.0	4.39	29.503		
1,000.0	994.2	993.7	988.0	2.6	2.6	-113.42	102.8	81.4	141.5	136.3	5.15	27.472		
1,100.0	1,091.7	1,091.9	1,083.8	3.1	3.0	-112.81	106.2	102.7	155.1	149.1	5.99	25.884		
1,200.0	1,188.6	1,189.8	1,178.8	3.6	3.5	-112.23	110.0	126.2	170.3	163.4	6.92	24.616		
1,300.0	1,284.9	1,287.4	1,272.7	4.1	4.0	-111.67	114.1	152.1	187.1	179.1	7.93	23.582		
1,400.0	1,380.4	1,384.5	1,365.6	4.7	4.6	-111.14	118.5	180.2	205.3	196.3	9.04	22.727		
1,500.0	1,475.0	1,481.3	1,457.4	5.4	5.2	-110.64	123.3	210.5	225.1	214.9	10.23	22.009		
1,600.0	1,568.9	1,577.5	1,547.9	6.1	5.9	-110.16	128.5	243.0	246.4	234.9	11.52	21.399		
1,700.0	1,661.7	1,673.8	1,637.5	6.8	6.6	-109.73	133.9	277.5	269.2	256.3	12.89	20.877		
1,800.0	1,753.6	1,770.9	1,727.8	7.7	7.3	-109.67	139.6	313.0	292.9	278.6	14.34	20.423		
1,812.9	1,765.4	1,783.4	1,739.4	7.8	7.4	-109.69	140.3	317.6	296.1	281.5	14.53	20.371		
1,900.0	1,844.8	1,867.9	1,817.9	8.5	8.0	-110.15	145.2	348.4	317.3	301.4	15.84	20.034		
2,000.0	1,936.1	1,964.8	1,908.0	9.4	8.8	-110.61	150.8	383.8	341.6	324.2	17.34	19.700		
2,100.0	2,027.3	2,061.8	1,998.1	10.2	9.5	-111.00	156.4	419.1	365.9	347.1	18.85	19.412		
2,200.0	2,118.5	2,158.8	2,088.2	11.1	10.3	-111.35	162.0	454.5	390.3	369.9	20.37	19.162		
2,300.0	2,209.7	2,255.7	2,178.3	12.0	11.0	-111.65	167.6	489.9	414.7	392.8	21.89	18.943		
2,400.0	2,300.9	2,352.7	2,268.4	12.9	11.8	-111.92	173.2	525.3	439.1	415.7	23.42	18.749		
2,500.0	2,392.1	2,449.6	2,358.5	13.7	12.5	-112.16	178.8	560.7	463.5	438.5	24.95	18.577		
2,600.0	2,483.4	2,546.6	2,448.6	14.6	13.3	-112.38	184.5	596.1	487.9	461.4	26.48	18.424		
2,700.0	2,574.6	2,643.6	2,538.7	15.5	14.0	-112.58	190.1	631.5	512.3	484.3	28.02	18.286		
2,800.0	2,665.8	2,740.5	2,628.8	16.4	14.8	-112.76	195.7	666.9	536.7	507.2	29.55	18.162		
2,900.0	2,757.0	2,837.5	2,718.9	17.3	15.5	-112.92	201.3	702.3	561.1	530.0	31.09	18.049		
3,000.0	2,848.2	2,934.4	2,809.0	18.1	16.3	-113.07	206.9	737.6	585.6	552.9	32.63	17.947		
3,100.0	2,939.4	3,031.4	2,899.1	19.0	17.1	-113.21	212.5	773.0	610.0	575.8	34.17	17.853		
3,200.0	3,030.7	3,128.4	2,989.1	19.9	17.8	-113.34	218.1	808.4	634.4	598.7	35.71	17.767		
3,300.0	3,121.9	3,225.3	3,079.2	20.8	18.6	-113.46	223.7	843.8	658.9	621.6	37.25	17.687		
3,400.0	3,213.1	3,322.3	3,169.3	21.7	19.3	-113.57	229.3	879.2	683.3	644.5	38.79	17.614		
3,500.0	3,304.3	3,419.2	3,259.4	22.6	20.1	-113.67	235.0	914.6	707.7	667.4	40.34	17.546		
3,600.0	3,395.5	3,516.2	3,349.5	23.5	20.9	-113.76	240.6	950.0	732.2	690.3	41.88	17.483		
3,700.0	3,486.7	3,613.2	3,439.6	24.4	21.6	-113.85	246.2	985.4	756.6	713.2	43.42	17.425		
3,800.0	3,578.0	3,710.1	3,529.7	25.2	22.4	-113.94	251.8	1,020.8	781.1	736.1	44.97	17.370 SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.21	75.1	0.3	75.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.21	75.1	0.3	75.1	74.8	0.22	333.924		
200.0	200.0	200.0	200.0	0.3	0.3	0.21	75.1	0.3	75.1	74.4	0.67	111.308 CC, ES		
300.0	300.0	300.0	300.0	0.5	0.6	-117.99	75.1	0.3	75.7	74.6	1.11	68.185		
400.0	399.9	399.9	399.9	0.8	0.8	-120.52	75.1	0.3	77.6	76.0	1.55	50.086		
500.0	499.7	500.0	500.0	1.0	1.0	-123.55	75.0	1.6	80.9	78.9	2.00	40.560		
600.0	599.3	600.1	600.0	1.3	1.2	-126.00	75.0	5.5	85.6	83.1	2.46	34.851		
700.0	698.6	700.3	700.0	1.5	1.4	-127.86	74.9	12.1	91.5	88.5	2.95	31.021		
800.0	797.5	800.6	799.8	1.9	1.7	-129.16	74.7	21.3	98.5	95.0	3.48	28.307		
900.0	896.1	900.9	899.4	2.2	2.0	-129.98	74.6	33.1	106.7	102.6	4.06	26.282		
1,000.0	994.2	1,001.1	998.7	2.6	2.3	-130.38	74.4	47.5	115.9	111.2	4.69	24.695		
1,100.0	1,091.7	1,101.4	1,097.5	3.1	2.6	-130.44	74.1	64.5	126.1	120.7	5.39	23.395		
1,200.0	1,188.6	1,201.6	1,195.8	3.6	3.0	-130.24	73.8	84.1	137.4	131.2	6.16	22.291		
1,300.0	1,284.9	1,301.8	1,293.4	4.1	3.4	-129.83	73.5	106.2	149.7	142.7	7.02	21.327		
1,400.0	1,380.4	1,401.9	1,390.4	4.7	3.9	-129.27	73.1	130.9	163.1	155.1	7.97	20.470		
1,500.0	1,475.0	1,501.9	1,486.7	5.4	4.4	-128.59	72.7	158.1	177.5	168.5	9.01	19.698		
1,600.0	1,568.9	1,601.8	1,582.0	6.1	5.0	-127.84	72.3	187.8	192.9	182.7	10.15	18.997		
1,700.0	1,661.7	1,701.5	1,676.5	6.8	5.6	-127.03	71.8	219.8	209.3	197.9	11.40	18.358		
1,800.0	1,753.6	1,801.0	1,769.8	7.7	6.3	-126.20	71.3	254.3	226.8	214.1	12.76	17.778		
1,812.9	1,765.4	1,813.7	1,781.6	7.8	6.4	-126.10	71.2	258.8	229.2	216.2	12.94	17.710		
1,900.0	1,844.8	1,899.3	1,861.6	8.5	7.0	-125.71	70.7	289.3	245.1	230.9	14.17	17.294		
2,000.0	1,936.1	1,997.6	1,953.5	9.4	7.7	-125.32	70.2	324.3	263.4	247.7	15.60	16.876		
2,100.0	2,027.3	2,095.9	2,045.4	10.2	8.4	-124.99	69.7	359.3	281.6	264.6	17.05	16.515		
2,200.0	2,118.5	2,194.2	2,137.2	11.1	9.2	-124.69	69.2	394.3	299.9	281.4	18.51	16.201		
2,300.0	2,209.7	2,292.5	2,229.1	12.0	9.9	-124.43	68.7	429.3	318.2	298.3	19.98	15.925		
2,400.0	2,300.9	2,390.8	2,320.9	12.9	10.6	-124.19	68.1	464.3	336.5	315.1	21.46	15.682		
2,500.0	2,392.1	2,489.1	2,412.8	13.7	11.3	-123.99	67.6	499.3	354.9	331.9	22.94	15.467		
2,600.0	2,483.4	2,587.4	2,504.6	14.6	12.1	-123.80	67.1	534.3	373.2	348.7	24.43	15.275		
2,700.0	2,574.6	2,685.7	2,596.5	15.5	12.8	-123.62	66.6	569.3	391.5	365.6	25.92	15.103		
2,800.0	2,665.8	2,784.0	2,688.3	16.4	13.6	-123.47	66.0	604.3	409.8	382.4	27.42	14.947		
2,900.0	2,757.0	2,882.3	2,780.2	17.3	14.3	-123.33	65.5	639.3	428.1	399.2	28.92	14.807		
3,000.0	2,848.2	2,980.6	2,872.1	18.1	15.0	-123.19	65.0	674.3	446.5	416.1	30.42	14.679		
3,100.0	2,939.4	3,078.9	2,963.9	19.0	15.8	-123.07	64.5	709.3	464.8	432.9	31.92	14.562		
3,200.0	3,030.7	3,177.2	3,055.8	19.9	16.5	-122.96	64.0	744.4	483.1	449.7	33.42	14.455		
3,300.0	3,121.9	3,275.5	3,147.6	20.8	17.3	-122.86	63.4	779.4	501.5	466.5	34.93	14.356		
3,400.0	3,213.1	3,373.8	3,239.5	21.7	18.0	-122.76	62.9	814.4	519.8	483.4	36.44	14.265		
3,500.0	3,304.3	3,472.1	3,331.3	22.6	18.8	-122.67	62.4	849.4	538.1	500.2	37.95	14.181		
3,600.0	3,395.5	3,570.4	3,423.2	23.5	19.5	-122.59	61.9	884.4	556.5	517.0	39.46	14.103		
3,700.0	3,486.7	3,668.7	3,515.1	24.4	20.3	-122.51	61.3	919.4	574.8	533.8	40.97	14.031		
3,800.0	3,578.0	3,767.0	3,606.9	25.2	21.0	-122.44	60.8	954.4	593.1	550.7	42.48	13.963		
3,900.0	3,669.2	3,865.3	3,698.8	26.1	21.8	-122.37	60.3	989.4	611.5	567.5	43.99	13.900		
4,000.0	3,760.4	3,963.6	3,790.6	27.0	22.5	-122.30	59.8	1,024.4	629.8	584.3	45.51	13.840		
4,100.0	3,851.6	4,061.9	3,882.5	27.9	23.2	-122.24	59.3	1,059.4	648.2	601.2	47.02	13.785		
4,200.0	3,942.8	4,160.2	3,974.3	28.8	24.0	-122.19	58.7	1,094.4	666.5	618.0	48.54	13.732		
4,300.0	4,034.0	4,258.5	4,066.2	29.7	24.7	-122.13	58.2	1,129.4	684.9	634.8	50.05	13.683		
4,400.0	4,125.3	4,356.8	4,158.0	30.6	25.5	-122.08	57.7	1,164.4	703.2	651.6	51.57	13.637		
4,500.0	4,216.5	4,455.1	4,249.9	31.5	26.2	-122.03	57.2	1,199.4	721.5	668.5	53.08	13.593		
4,600.0	4,307.7	4,553.4	4,341.8	32.4	27.0	-121.98	56.7	1,234.4	739.9	685.3	54.60	13.551		
4,700.0	4,398.9	4,651.7	4,433.6	33.2	27.7	-121.94	56.1	1,269.4	758.2	702.1	56.12	13.512		
4,800.0	4,490.1	4,750.0	4,525.5	34.1	28.5	-121.89	55.6	1,304.4	776.6	718.9	57.64	13.474		
4,900.0	4,581.3	4,848.3	4,617.3	35.0	29.2	-121.85	55.1	1,339.4	794.9	735.8	59.15	13.438 SF		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.26	60.1	0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.26	60.1	0.3	60.1	59.9	0.22	267.468		
200.0	200.0	200.0	200.0	0.3	0.3	0.26	60.1	0.3	60.1	59.4	0.67	89.156 CC, ES		
300.0	300.0	300.0	300.0	0.5	0.6	-118.15	60.1	0.3	60.7	59.6	1.11	54.724		
400.0	399.9	399.9	399.9	0.8	0.8	-121.29	60.1	0.3	62.7	61.1	1.55	40.455		
500.0	499.7	499.7	499.7	1.0	1.0	-126.07	60.1	0.3	66.3	64.3	2.01	33.022		
600.0	599.3	599.3	599.3	1.3	1.2	-131.88	60.1	0.3	72.1	69.6	2.48	29.046		
700.0	698.6	699.5	699.5	1.5	1.4	-137.25	60.0	1.6	79.9	76.9	2.95	27.055		
800.0	797.5	799.9	799.8	1.9	1.7	-141.21	59.6	5.5	89.0	85.5	3.42	25.996		
900.0	896.1	900.6	900.3	2.2	1.9	-144.01	59.0	12.0	99.1	95.2	3.91	25.332		
1,000.0	994.2	1,001.4	1,000.7	2.6	2.1	-145.90	58.1	21.3	110.1	105.7	4.43	24.874		
1,100.0	1,091.7	1,102.5	1,101.0	3.1	2.4	-147.08	56.9	33.1	121.9	117.0	4.98	24.507		
1,200.0	1,188.6	1,203.7	1,201.2	3.6	2.7	-147.72	55.5	47.7	134.4	128.8	5.56	24.163		
1,300.0	1,284.9	1,305.1	1,301.1	4.1	3.0	-147.93	53.8	64.9	147.5	141.3	6.20	23.802		
1,400.0	1,380.4	1,406.6	1,400.6	4.7	3.4	-147.83	51.9	84.7	161.2	154.3	6.89	23.400		
1,500.0	1,475.0	1,508.2	1,499.7	5.4	3.8	-147.48	49.7	107.2	175.6	167.9	7.65	22.948		
1,600.0	1,568.9	1,609.9	1,598.2	6.1	4.3	-146.93	47.3	132.4	190.6	182.1	8.49	22.444		
1,700.0	1,661.7	1,711.8	1,696.2	6.8	4.8	-146.24	44.6	160.2	206.2	196.8	9.42	21.896		
1,800.0	1,753.6	1,813.7	1,793.4	7.7	5.4	-145.43	41.6	190.6	222.4	212.0	10.44	21.310		
1,812.9	1,765.4	1,826.9	1,805.9	7.8	5.4	-145.32	41.2	194.7	224.6	214.0	10.58	21.229		
1,900.0	1,844.8	1,915.9	1,890.0	8.5	6.0	-144.53	38.4	223.6	238.5	226.9	11.58	20.597		
2,000.0	1,936.1	2,018.3	1,985.9	9.4	6.7	-143.24	34.9	259.4	253.2	240.4	12.85	19.708		
2,100.0	2,027.3	2,117.8	2,078.5	10.2	7.4	-141.79	31.4	295.7	267.1	252.9	14.20	18.804		
2,200.0	2,118.5	2,216.7	2,170.4	11.1	8.1	-140.48	27.8	331.9	281.1	265.5	15.60	18.024		
2,300.0	2,209.7	2,315.5	2,262.3	12.0	8.9	-139.30	24.3	368.1	295.2	278.2	17.02	17.350		
2,400.0	2,300.9	2,414.3	2,354.2	12.9	9.6	-138.22	20.8	404.3	309.5	291.0	18.46	16.763		
2,500.0	2,392.1	2,513.1	2,446.1	13.7	10.4	-137.25	17.3	440.5	323.8	303.9	19.93	16.250		
2,600.0	2,483.4	2,611.9	2,538.0	14.6	11.1	-136.35	13.8	476.6	338.2	316.8	21.41	15.800		
2,700.0	2,574.6	2,710.8	2,629.9	15.5	11.9	-135.53	10.2	512.8	352.7	329.8	22.90	15.402		
2,800.0	2,665.8	2,809.6	2,721.8	16.4	12.7	-134.77	6.7	549.0	367.3	342.9	24.41	15.049		
2,900.0	2,757.0	2,908.4	2,813.7	17.3	13.4	-134.07	3.2	585.2	381.9	356.0	25.92	14.733		
3,000.0	2,848.2	3,007.2	2,905.6	18.1	14.2	-133.42	-0.3	621.3	396.6	369.1	27.44	14.451		
3,100.0	2,939.4	3,106.1	2,997.5	19.0	15.0	-132.82	-3.8	657.5	411.3	382.3	28.97	14.196		
3,200.0	3,030.7	3,204.9	3,089.3	19.9	15.7	-132.26	-7.4	693.7	426.1	395.6	30.51	13.966		
3,300.0	3,121.9	3,303.7	3,181.2	20.8	16.5	-131.73	-10.9	729.9	440.9	408.8	32.05	13.757		
3,400.0	3,213.1	3,402.5	3,273.1	21.7	17.3	-131.25	-14.4	766.1	455.7	422.1	33.59	13.567		
3,500.0	3,304.3	3,501.3	3,365.0	22.6	18.1	-130.79	-17.9	802.2	470.6	435.4	35.14	13.392		
3,600.0	3,395.5	3,600.2	3,456.9	23.5	18.8	-130.36	-21.4	838.4	485.4	448.8	36.69	13.232		
3,700.0	3,486.7	3,699.0	3,548.8	24.4	19.6	-129.95	-25.0	874.6	500.4	462.1	38.24	13.085		
3,800.0	3,578.0	3,797.8	3,640.7	25.2	20.4	-129.57	-28.5	910.8	515.3	475.5	39.79	12.949		
3,900.0	3,669.2	3,896.6	3,732.6	26.1	21.2	-129.21	-32.0	946.9	530.3	488.9	41.35	12.823		
4,000.0	3,760.4	3,995.4	3,824.5	27.0	21.9	-128.87	-35.5	983.1	545.2	502.3	42.91	12.706		
4,100.0	3,851.6	4,094.3	3,916.4	27.9	22.7	-128.55	-39.0	1,019.3	560.2	515.8	44.47	12.598		
4,200.0	3,942.8	4,193.1	4,008.3	28.8	23.5	-128.24	-42.6	1,055.5	575.2	529.2	46.03	12.496		
4,300.0	4,034.0	4,291.9	4,100.2	29.7	24.3	-127.95	-46.1	1,091.7	590.3	542.7	47.60	12.402		
4,400.0	4,125.3	4,390.7	4,192.1	30.6	25.0	-127.68	-49.6	1,127.8	605.3	556.2	49.16	12.313		
4,500.0	4,216.5	4,489.6	4,284.0	31.5	25.8	-127.42	-53.1	1,164.0	620.4	569.6	50.73	12.230		
4,600.0	4,307.7	4,588.4	4,375.9	32.4	26.6	-127.17	-56.6	1,200.2	635.4	583.1	52.29	12.151		
4,700.0	4,398.9	4,687.2	4,467.8	33.2	27.4	-126.93	-60.2	1,236.4	650.5	596.7	53.86	12.078		
4,800.0	4,490.1	4,786.0	4,559.6	34.1	28.2	-126.70	-63.7	1,272.5	665.6	610.2	55.43	12.008		
4,900.0	4,581.3	4,884.8	4,651.5	35.0	28.9	-126.49	-67.2	1,308.7	680.7	623.7	57.00	11.943		
5,000.0	4,672.6	4,983.7	4,743.4	35.9	29.7	-126.28	-70.7	1,344.9	695.8	637.2	58.57	11.881		

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	4,763.8	5,082.5	4,835.3	36.8	30.5	-126.08	-74.2	1,381.1	710.9	650.8	60.14	11.822	
5,200.0	4,855.0	5,181.3	4,927.2	37.7	31.3	-125.89	-77.8	1,417.2	726.1	664.3	61.71	11.766	
5,300.0	4,946.2	5,280.1	5,019.1	38.6	32.1	-125.71	-81.3	1,453.4	741.2	677.9	63.28	11.713	
5,387.4	5,025.9	5,366.5	5,099.4	39.4	32.8	-125.55	-84.3	1,485.0	754.4	689.8	64.65	11.669	
5,400.0	5,037.4	5,378.9	5,111.0	39.5	32.9	-125.56	-84.8	1,489.6	756.3	691.5	64.84	11.664	
5,500.0	5,129.5	5,477.9	5,203.0	40.1	33.6	-125.49	-88.3	1,525.8	770.2	703.9	66.31	11.615	
5,600.0	5,222.9	5,576.9	5,295.1	40.7	34.4	-125.18	-91.8	1,562.1	782.1	714.3	67.82	11.532	
5,700.0	5,317.5	5,676.0	5,387.2	41.3	35.2	-124.65	-95.4	1,598.3	792.1	722.8	69.38	11.417 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.35	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	201.012		
200.0	200.0	200.0	200.0	0.3	0.3	0.35	45.2	0.3	45.2	44.5	0.67	67.004 CC		
300.0	300.0	300.2	300.2	0.5	0.5	-116.81	44.9	1.6	45.6	44.5	1.10	41.528 ES		
400.0	399.9	400.4	400.3	0.8	0.8	-116.33	44.2	5.5	46.7	45.1	1.53	30.581		
500.0	499.7	500.6	500.3	1.0	1.0	-115.59	43.1	11.9	48.5	46.5	1.99	24.330		
600.0	599.3	600.7	600.0	1.3	1.3	-114.64	41.5	20.9	51.1	48.6	2.51	20.394		
700.0	698.6	700.8	699.4	1.5	1.6	-113.55	39.4	32.5	54.5	51.4	3.07	17.727		
800.0	797.5	800.9	798.4	1.9	1.9	-112.38	36.8	46.7	58.6	54.9	3.71	15.818		
900.0	896.1	900.9	897.0	2.2	2.2	-111.20	33.8	63.4	63.5	59.1	4.41	14.395		
1,000.0	994.2	1,000.8	995.0	2.6	2.6	-110.04	30.4	82.6	69.2	64.0	5.20	13.300		
1,100.0	1,091.7	1,100.7	1,092.4	3.1	3.1	-108.93	26.5	104.3	75.6	69.6	6.08	12.437		
1,200.0	1,188.6	1,200.5	1,189.1	3.6	3.6	-107.88	22.1	128.5	82.9	75.8	7.06	11.742		
1,300.0	1,284.9	1,300.2	1,285.1	4.1	4.1	-106.91	17.3	155.1	90.8	82.7	8.13	11.174		
1,400.0	1,380.4	1,399.8	1,380.2	4.7	4.7	-106.02	12.1	184.2	99.6	90.3	9.30	10.703		
1,500.0	1,475.0	1,499.3	1,474.4	5.4	5.4	-105.21	6.4	215.7	109.0	98.5	10.58	10.306		
1,600.0	1,568.9	1,598.8	1,567.7	6.1	6.0	-104.47	0.3	249.5	119.2	107.3	11.96	9.968		
1,700.0	1,661.7	1,698.2	1,660.7	6.8	6.8	-104.53	-5.9	284.2	130.1	116.7	13.41	9.704		
1,800.0	1,753.6	1,797.4	1,753.5	7.7	7.5	-105.58	-12.1	318.8	141.7	126.8	14.89	9.517		
1,812.9	1,765.4	1,810.2	1,765.5	7.8	7.6	-105.77	-12.9	323.3	143.3	128.2	15.09	9.498		
1,900.0	1,844.8	1,896.6	1,846.2	8.5	8.2	-107.17	-18.4	353.4	153.8	137.5	16.39	9.387		
2,000.0	1,936.1	1,995.8	1,939.0	9.4	9.0	-108.56	-24.6	388.0	166.1	148.2	17.88	9.285		
2,100.0	2,027.3	2,095.0	2,031.7	10.2	9.7	-109.75	-30.8	422.6	178.4	159.0	19.38	9.204		
2,200.0	2,118.5	2,194.1	2,124.5	11.1	10.5	-110.79	-37.0	457.2	190.7	169.9	20.87	9.138		
2,300.0	2,209.7	2,293.3	2,217.2	12.0	11.2	-111.70	-43.3	491.8	203.2	180.8	22.36	9.085		
2,400.0	2,300.9	2,392.5	2,309.9	12.9	11.9	-112.51	-49.5	526.4	215.6	191.8	23.85	9.040		
2,500.0	2,392.1	2,491.7	2,402.7	13.7	12.7	-113.23	-55.7	561.0	228.1	202.8	25.34	9.003		
2,600.0	2,483.4	2,590.9	2,495.4	14.6	13.4	-113.88	-61.9	595.5	240.7	213.8	26.82	8.972		
2,700.0	2,574.6	2,690.0	2,588.2	15.5	14.2	-114.46	-68.2	630.1	253.2	224.9	28.31	8.946		
2,800.0	2,665.8	2,789.2	2,680.9	16.4	14.9	-114.98	-74.4	664.7	265.8	236.0	29.79	8.923		
2,900.0	2,757.0	2,888.4	2,773.6	17.3	15.7	-115.46	-80.6	699.3	278.4	247.1	31.27	8.904		
3,000.0	2,848.2	2,987.6	2,866.4	18.1	16.5	-115.90	-86.8	733.9	291.0	258.3	32.75	8.887		
3,100.0	2,939.4	3,086.7	2,959.1	19.0	17.2	-116.30	-93.1	768.5	303.7	269.5	34.23	8.872		
3,200.0	3,030.7	3,185.9	3,051.9	19.9	18.0	-116.67	-99.3	803.1	316.3	280.6	35.71	8.859		
3,300.0	3,121.9	3,285.1	3,144.6	20.8	18.7	-117.01	-105.5	837.7	329.0	291.8	37.18	8.848		
3,400.0	3,213.1	3,384.3	3,237.3	21.7	19.5	-117.32	-111.7	872.3	341.7	303.0	38.66	8.838		
3,500.0	3,304.3	3,483.4	3,330.1	22.6	20.2	-117.62	-118.0	906.9	354.4	314.2	40.14	8.829		
3,600.0	3,395.5	3,582.6	3,422.8	23.5	21.0	-117.89	-124.2	941.5	367.1	325.4	41.61	8.821		
3,700.0	3,486.7	3,681.8	3,515.5	24.4	21.7	-118.14	-130.4	976.1	379.8	336.7	43.09	8.814		
3,800.0	3,578.0	3,781.0	3,608.3	25.2	22.5	-118.38	-136.7	1,010.7	392.5	347.9	44.56	8.807		
3,900.0	3,669.2	3,880.1	3,701.0	26.1	23.2	-118.60	-142.9	1,045.2	405.2	359.1	46.03	8.802		
4,000.0	3,760.4	3,979.3	3,793.8	27.0	24.0	-118.81	-149.1	1,079.8	417.9	370.4	47.51	8.797		
4,100.0	3,851.6	4,078.5	3,886.5	27.9	24.7	-119.01	-155.3	1,114.4	430.6	381.6	48.98	8.792		
4,200.0	3,942.8	4,177.7	3,979.2	28.8	25.5	-119.20	-161.6	1,149.0	443.4	392.9	50.45	8.788		
4,300.0	4,034.0	4,276.9	4,072.0	29.7	26.3	-119.37	-167.8	1,183.6	456.1	404.2	51.92	8.784		
4,400.0	4,125.3	4,376.0	4,164.7	30.6	27.0	-119.54	-174.0	1,218.2	468.8	415.4	53.40	8.780		
4,500.0	4,216.5	4,475.2	4,257.5	31.5	27.8	-119.69	-180.2	1,252.8	481.6	426.7	54.87	8.777		
4,600.0	4,307.7	4,574.4	4,350.2	32.4	28.5	-119.84	-186.5	1,287.4	494.3	438.0	56.34	8.774		
4,700.0	4,398.9	4,673.6	4,442.9	33.2	29.3	-119.98	-192.7	1,322.0	507.1	449.3	57.81	8.771		
4,800.0	4,490.1	4,772.7	4,535.7	34.1	30.0	-120.12	-198.9	1,356.6	519.8	460.5	59.28	8.769		
4,900.0	4,581.3	4,871.9	4,628.4	35.0	30.8	-120.25	-205.1	1,391.2	532.6	471.8	60.75	8.766		
5,000.0	4,672.6	4,971.1	4,721.2	35.9	31.6	-120.37	-211.4	1,425.8	545.3	483.1	62.22	8.764		

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,763.8	5,070.3	4,813.9	36.8	32.3	-120.48	-217.6	1,460.4	558.1	494.4	63.69	8.762		
5,200.0	4,855.0	5,169.4	4,906.6	37.7	33.1	-120.60	-223.8	1,494.9	570.8	505.7	65.16	8.761		
5,300.0	4,946.2	5,268.6	4,999.4	38.6	33.8	-120.70	-230.0	1,529.5	583.6	517.0	66.63	8.759		
5,387.4	5,025.9	5,355.3	5,080.4	39.4	34.5	-120.79	-235.5	1,559.8	594.8	526.9	67.92	8.757		
5,400.0	5,037.4	5,367.8	5,092.1	39.5	34.6	-120.83	-236.3	1,564.1	596.4	528.3	68.09	8.758		
5,500.0	5,129.5	5,467.1	5,185.0	40.1	35.3	-120.95	-242.5	1,598.8	608.0	538.6	69.45	8.755		
5,600.0	5,222.9	5,566.5	5,278.0	40.7	36.1	-120.76	-248.7	1,633.5	617.9	547.0	70.88	8.718		
5,700.0	5,317.5	5,661.3	5,367.1	41.3	36.7	-120.44	-254.5	1,665.3	626.4	554.2	72.14	8.683		
5,800.0	5,413.1	5,755.9	5,457.0	41.8	37.2	-120.13	-259.7	1,694.1	634.0	560.7	73.26	8.653		
5,900.0	5,509.8	5,850.7	5,548.0	42.2	37.6	-119.82	-264.3	1,720.1	640.6	566.3	74.27	8.625		
6,000.0	5,607.2	5,945.7	5,640.1	42.6	38.0	-119.52	-268.5	1,743.1	646.3	571.1	75.18	8.597		
6,100.0	5,705.4	6,040.8	5,733.0	43.0	38.4	-119.23	-272.1	1,763.2	651.0	575.0	75.97	8.569		
6,200.0	5,804.2	6,136.0	5,826.6	43.2	38.7	-118.95	-275.1	1,780.2	654.8	578.1	76.66	8.541		
6,300.0	5,903.4	6,231.5	5,921.0	43.5	38.9	-118.66	-277.7	1,794.2	657.6	580.3	77.25	8.513		
6,400.0	6,003.1	6,327.0	6,015.9	43.6	39.1	-118.38	-279.6	1,805.1	659.4	581.7	77.73	8.483		
6,500.0	6,102.9	6,422.7	6,111.2	43.7	39.3	-118.09	-281.0	1,812.8	660.2	582.1	78.11	8.452		
6,597.1	6,200.0	6,515.7	6,204.1	43.8	39.4	-0.49	-281.8	1,817.4	660.1	614.5	45.63	14.466		
6,600.0	6,202.9	6,518.5	6,206.9	43.8	39.4	-0.49	-281.9	1,817.5	660.1	614.5	45.63	14.465		
6,700.0	6,302.9	6,614.5	6,302.9	43.9	39.5	-0.36	-282.1	1,819.0	659.8	614.0	45.77	14.415		
6,800.0	6,402.9	6,714.5	6,402.9	44.0	39.6	-0.36	-282.1	1,819.0	659.8	613.8	46.00	14.343		
6,890.2	6,493.1	6,804.7	6,493.1	44.0	39.6	-0.36	-282.1	1,819.0	659.8	613.6	46.21	14.278		
6,900.0	6,502.9	6,814.5	6,502.9	44.0	39.6	90.27	-282.1	1,818.9	659.8	580.9	78.90	8.362		
6,950.0	6,552.8	6,864.8	6,553.1	44.0	39.6	90.27	-282.1	1,816.5	659.8	580.9	78.91	8.362		
7,000.0	6,602.5	6,915.0	6,602.9	44.0	39.6	90.27	-282.2	1,810.5	659.8	581.0	78.83	8.369		
7,050.0	6,651.6	6,965.2	6,652.3	43.9	39.5	90.27	-282.3	1,801.0	659.8	581.1	78.69	8.384		
7,100.0	6,699.9	7,015.4	6,700.8	43.8	39.4	90.26	-282.5	1,788.2	659.8	581.3	78.50	8.405		
7,150.0	6,747.2	7,065.6	6,748.3	43.7	39.3	90.25	-282.6	1,771.9	659.8	581.5	78.25	8.432		
7,200.0	6,793.3	7,115.8	6,794.5	43.6	39.2	90.25	-282.9	1,752.4	659.8	581.8	77.97	8.462		
7,250.0	6,837.9	7,166.0	6,839.3	43.5	39.0	90.24	-283.1	1,729.7	659.8	582.1	77.66	8.496		
7,300.0	6,880.9	7,216.2	6,882.3	43.3	38.9	90.23	-283.4	1,703.9	659.8	582.4	77.35	8.530		
7,350.0	6,921.9	7,266.4	6,923.4	43.2	38.7	90.22	-283.7	1,675.2	659.8	582.8	77.03	8.566		
7,400.0	6,960.9	7,316.5	6,962.4	43.0	38.6	90.20	-284.1	1,643.6	659.8	583.1	76.73	8.599		
7,450.0	6,997.6	7,366.7	6,999.1	42.9	38.4	90.19	-284.4	1,609.4	659.8	583.3	76.45	8.631		
7,500.0	7,031.8	7,416.9	7,033.3	42.8	38.3	90.18	-284.8	1,572.8	659.8	583.6	76.21	8.658		
7,550.0	7,063.4	7,467.0	7,064.9	42.7	38.2	90.16	-285.3	1,533.8	659.8	583.8	76.02	8.679		
7,600.0	7,092.2	7,517.1	7,093.6	42.6	38.1	90.15	-285.7	1,492.8	659.8	583.9	75.89	8.694		
7,650.0	7,118.1	7,567.2	7,119.4	42.5	38.1	90.13	-286.2	1,449.8	659.8	584.0	75.83	8.701		
7,700.0	7,140.9	7,617.3	7,142.1	42.5	38.1	90.11	-286.7	1,405.2	659.8	583.9	75.85	8.698		
7,710.2	7,145.2	7,627.5	7,146.4	42.5	38.1	90.11	-286.8	1,395.9	659.8	583.9	75.87	8.696		
7,750.0	7,160.6	7,667.4	7,161.6	42.5	38.1	90.10	-287.2	1,359.1	659.8	583.8	75.95	8.687		
7,800.0	7,177.0	7,717.5	7,177.9	42.5	38.2	90.08	-287.7	1,311.7	659.8	583.6	76.14	8.665		
7,850.0	7,190.1	7,767.5	7,190.8	42.6	38.3	90.06	-288.2	1,263.4	659.8	583.4	76.42	8.634		
7,900.0	7,199.8	7,817.6	7,200.3	42.6	38.5	90.04	-288.8	1,214.3	659.8	583.0	76.78	8.593		
7,950.0	7,206.1	7,867.6	7,206.4	42.8	38.7	90.02	-289.3	1,164.6	659.8	582.6	77.22	8.544		
8,000.0	7,208.9	7,917.6	7,208.9	42.9	38.9	90.00	-289.9	1,114.7	659.8	582.1	77.73	8.488		
8,010.6	7,209.0	7,928.2	7,209.0	42.9	38.9	90.00	-290.0	1,104.1	659.8	581.9	77.85	8.475		
8,010.7	7,209.0	7,928.3	7,209.0	42.9	38.9	90.00	-290.0	1,104.0	659.8	581.9	77.85	8.475		
8,011.3	7,209.0	7,928.9	7,209.0	42.9	38.9	90.00	-290.0	1,103.4	659.8	581.9	77.86	8.474		
8,100.0	7,209.5	8,017.6	7,209.5	43.2	39.5	90.00	-291.0	1,014.7	659.8	580.8	79.03	8.349		
8,200.0	7,210.1	8,117.6	7,210.1	43.8	40.2	90.00	-292.1	914.7	659.8	579.1	80.68	8.178		
8,300.0	7,210.7	8,217.6	7,210.7	44.4	41.2	90.00	-293.2	814.8	659.8	577.1	82.67	7.981		
8,400.0	7,211.2	8,317.6	7,211.3	45.3	42.3	90.00	-294.3	714.8	659.8	574.8	84.99	7.763		

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,500.0	7,211.8	8,417.6	7,211.8	46.3	43.6	90.00	-295.4	614.8	659.8	572.2	87.62	7.531		
8,600.0	7,212.4	8,517.6	7,212.4	47.5	45.0	90.00	-296.5	514.8	659.8	569.3	90.51	7.290		
8,700.0	7,213.0	8,617.6	7,213.0	48.8	46.5	90.00	-297.6	414.8	659.8	566.1	93.65	7.045		
8,800.0	7,213.6	8,717.6	7,213.6	50.2	48.2	90.00	-298.7	314.8	659.8	562.8	97.02	6.801		
8,900.0	7,214.1	8,817.6	7,214.2	51.8	49.9	90.00	-299.8	214.8	659.8	559.2	100.59	6.559		
9,000.0	7,214.7	8,917.6	7,214.7	53.5	51.8	90.00	-300.9	114.8	659.8	555.5	104.34	6.324		
9,100.0	7,215.3	9,017.6	7,215.3	55.3	53.7	90.00	-302.0	14.8	659.8	551.6	108.25	6.095		
9,200.0	7,215.9	9,117.6	7,215.9	57.2	55.7	90.00	-303.1	-85.2	659.8	547.5	112.30	5.875		
9,300.0	7,216.4	9,217.6	7,216.5	59.2	57.8	90.00	-304.2	-185.2	659.8	543.3	116.49	5.664		
9,400.0	7,217.0	9,317.6	7,217.1	61.3	60.0	90.00	-305.2	-285.2	659.8	539.0	120.79	5.462		
9,500.0	7,217.6	9,417.6	7,217.6	63.4	62.2	90.00	-306.3	-385.2	659.8	534.6	125.20	5.270		
9,600.0	7,218.2	9,517.6	7,218.2	65.6	64.4	90.00	-307.4	-485.1	659.8	530.1	129.70	5.087		
9,700.0	7,218.8	9,617.6	7,218.8	67.8	66.7	90.00	-308.5	-585.1	659.8	525.5	134.28	4.914		
9,800.0	7,219.3	9,717.6	7,219.4	70.1	69.0	90.00	-309.6	-685.1	659.8	520.9	138.94	4.749		
9,900.0	7,219.9	9,817.6	7,220.0	72.5	71.4	90.00	-310.7	-785.1	659.8	516.1	143.67	4.592		
10,000.0	7,220.5	9,917.6	7,220.5	74.8	73.8	90.00	-311.8	-885.1	659.8	511.3	148.46	4.444		
10,100.0	7,221.1	10,017.6	7,221.1	77.2	76.2	90.00	-312.9	-985.1	659.8	506.5	153.31	4.304		
10,200.0	7,221.6	10,117.6	7,221.7	79.6	78.7	90.00	-314.0	-1,085.1	659.8	501.6	158.21	4.170		
10,300.0	7,222.2	10,217.6	7,222.3	82.1	81.1	90.00	-315.1	-1,185.1	659.8	496.6	163.16	4.044		
10,400.0	7,222.8	10,317.6	7,222.8	84.6	83.6	90.00	-316.2	-1,285.1	659.8	491.7	168.14	3.924		
10,500.0	7,223.4	10,417.6	7,223.4	87.1	86.2	90.00	-317.3	-1,385.1	659.8	486.6	173.17	3.810		
10,600.0	7,223.9	10,517.6	7,224.0	89.6	88.7	90.01	-318.4	-1,485.1	659.8	481.6	178.23	3.702		
10,700.0	7,224.5	10,617.6	7,224.6	92.1	91.2	90.01	-319.5	-1,585.1	659.8	476.5	183.33	3.599		
10,800.0	7,225.1	10,717.6	7,225.2	94.7	93.8	90.01	-320.6	-1,685.1	659.8	471.4	188.45	3.501		
10,900.0	7,225.7	10,817.6	7,225.7	97.2	96.4	90.01	-321.7	-1,785.0	659.8	466.2	193.60	3.408		
11,000.0	7,226.3	10,917.6	7,226.3	99.8	99.0	90.01	-322.8	-1,885.0	659.8	461.0	198.78	3.319		
11,100.0	7,226.8	11,017.6	7,226.9	102.4	101.6	90.01	-323.9	-1,985.0	659.8	455.8	203.98	3.235		
11,200.0	7,227.4	11,117.6	7,227.5	105.0	104.2	90.01	-325.0	-2,085.0	659.8	450.6	209.20	3.154		
11,300.0	7,228.0	11,217.6	7,228.1	107.6	106.8	90.01	-326.1	-2,185.0	659.8	445.4	214.44	3.077		
11,400.0	7,228.6	11,317.6	7,228.6	110.3	109.4	90.01	-327.2	-2,285.0	659.8	440.1	219.70	3.003		
11,500.0	7,229.1	11,417.6	7,229.2	112.9	112.1	90.01	-328.3	-2,385.0	659.8	434.8	224.98	2.933		
11,600.0	7,229.7	11,517.6	7,229.8	115.5	114.7	90.01	-329.4	-2,485.0	659.8	429.5	230.28	2.865		
11,700.0	7,230.3	11,617.6	7,230.4	118.2	117.4	90.01	-330.5	-2,585.0	659.8	424.2	235.59	2.801		
11,800.0	7,230.9	11,717.6	7,231.0	120.9	120.1	90.01	-331.6	-2,685.0	659.8	418.9	240.91	2.739		
11,900.0	7,231.5	11,817.6	7,231.5	123.5	122.7	90.01	-332.7	-2,785.0	659.8	413.6	246.25	2.679		
12,000.0	7,232.0	11,917.6	7,232.1	126.2	125.4	90.01	-333.8	-2,885.0	659.8	408.2	251.59	2.623		
12,100.0	7,232.6	12,017.6	7,232.7	128.9	128.1	90.01	-334.9	-2,985.0	659.8	402.9	256.95	2.568		
12,200.0	7,233.2	12,117.6	7,233.3	131.6	130.8	90.01	-336.0	-3,084.9	659.8	397.5	262.33	2.515		
12,300.0	7,233.8	12,217.6	7,233.8	134.2	133.5	90.01	-337.1	-3,184.9	659.8	392.1	267.71	2.465		
12,400.0	7,234.3	12,317.6	7,234.4	136.9	136.2	90.01	-338.2	-3,284.9	659.8	386.7	273.10	2.416		
12,500.0	7,234.9	12,417.6	7,235.0	139.6	138.9	90.01	-339.3	-3,384.9	659.8	381.3	278.50	2.369		
12,600.0	7,235.5	12,517.6	7,235.6	142.3	141.6	90.01	-340.4	-3,484.9	659.8	375.9	283.91	2.324		
12,700.0	7,236.1	12,617.6	7,236.2	145.0	144.3	90.01	-341.5	-3,584.9	659.8	370.5	289.32	2.281		
12,800.0	7,236.6	12,717.6	7,236.7	147.8	147.0	90.01	-342.6	-3,684.9	659.8	365.1	294.75	2.239		
12,900.0	7,237.2	12,817.6	7,237.3	150.5	149.7	90.01	-343.7	-3,784.9	659.8	359.6	300.18	2.198		
13,000.0	7,237.8	12,917.6	7,237.9	153.2	152.4	90.01	-344.8	-3,884.9	659.8	354.2	305.62	2.159		
13,100.0	7,238.4	13,017.6	7,238.5	155.9	155.2	90.01	-345.9	-3,984.9	659.8	348.8	311.06	2.121		
13,200.0	7,239.0	13,117.6	7,239.1	158.6	157.9	90.01	-347.0	-4,084.9	659.8	343.3	316.51	2.085		
13,300.0	7,239.5	13,217.6	7,239.6	161.4	160.6	90.01	-348.1	-4,184.9	659.8	337.8	321.97	2.049		
13,400.0	7,240.1	13,317.6	7,240.2	164.1	163.3	90.01	-349.2	-4,284.9	659.8	332.4	327.43	2.015		
13,500.0	7,240.7	13,417.6	7,240.8	166.8	166.1	90.01	-350.3	-4,384.8	659.8	326.9	332.90	1.982		
13,600.0	7,241.3	13,517.6	7,241.4	169.6	168.8	90.01	-351.4	-4,484.8	659.8	321.4	338.37	1.950		

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
13,700.0	7,241.8	13,617.6	7,242.0	172.3	171.6	90.01	-352.5	-4,584.8	659.8	316.0	343.85	1.919	
13,800.0	7,242.4	13,717.6	7,242.5	175.0	174.3	90.01	-353.5	-4,684.8	659.8	310.5	349.33	1.889	
13,900.0	7,243.0	13,817.6	7,243.1	177.8	177.0	90.01	-354.6	-4,784.8	659.8	305.0	354.81	1.860	
14,000.0	7,243.6	13,917.6	7,243.7	180.5	179.8	90.01	-355.7	-4,884.8	659.8	299.5	360.30	1.831	
14,100.0	7,244.2	14,017.6	7,244.3	183.3	182.5	90.01	-356.8	-4,984.8	659.8	294.0	365.80	1.804	
14,200.0	7,244.7	14,117.6	7,244.8	186.0	185.3	90.01	-357.9	-5,084.8	659.8	288.5	371.29	1.777	
14,300.0	7,245.3	14,217.6	7,245.4	188.8	188.0	90.01	-359.0	-5,184.8	659.8	283.0	376.80	1.751	
14,400.0	7,245.9	14,317.6	7,246.0	191.5	190.8	90.01	-360.1	-5,284.8	659.8	277.5	382.30	1.726	
14,500.0	7,246.5	14,417.6	7,246.6	194.3	193.5	90.01	-361.2	-5,384.8	659.8	272.0	387.81	1.701	
14,600.0	7,247.0	14,517.6	7,247.2	197.0	196.3	90.01	-362.3	-5,484.8	659.8	266.5	393.32	1.678	
14,700.0	7,247.6	14,617.6	7,247.7	199.8	199.1	90.01	-363.4	-5,584.8	659.8	261.0	398.83	1.654	
14,800.0	7,248.2	14,717.6	7,248.3	202.5	201.8	90.01	-364.5	-5,684.7	659.8	255.5	404.35	1.632	
14,900.0	7,248.8	14,817.6	7,248.9	205.3	204.6	90.01	-365.6	-5,784.7	659.8	250.0	409.87	1.610	
15,000.0	7,249.4	14,917.6	7,249.5	208.1	207.3	90.01	-366.7	-5,884.7	659.8	244.4	415.39	1.588	
15,100.0	7,249.9	15,017.6	7,250.1	210.8	210.1	90.01	-367.8	-5,984.7	659.8	238.9	420.92	1.568	
15,200.0	7,250.5	15,117.6	7,250.6	213.6	212.9	90.01	-368.9	-6,084.7	659.8	233.4	426.44	1.547	
15,300.0	7,251.1	15,217.6	7,251.2	216.3	215.6	90.01	-370.0	-6,184.7	659.8	227.9	431.97	1.527	
15,400.0	7,251.7	15,317.6	7,251.8	219.1	218.4	90.01	-371.1	-6,284.7	659.8	222.3	437.51	1.508	
15,500.0	7,252.2	15,417.6	7,252.4	221.9	221.2	90.01	-372.2	-6,384.7	659.8	216.8	443.04	1.489 Level 3	
15,600.0	7,252.8	15,517.6	7,252.9	224.6	223.9	90.01	-373.3	-6,484.7	659.8	211.3	448.58	1.471 Level 3	
15,700.0	7,253.4	15,617.6	7,253.5	227.4	226.7	90.01	-374.4	-6,584.7	659.8	205.7	454.12	1.453 Level 3	
15,800.0	7,254.0	15,717.6	7,254.1	230.2	229.5	90.01	-375.5	-6,684.7	659.8	200.2	459.66	1.435 Level 3	
15,900.0	7,254.5	15,817.6	7,254.7	233.0	232.3	90.01	-376.6	-6,784.7	659.8	194.6	465.20	1.418 Level 3	
16,000.0	7,255.1	15,917.6	7,255.3	235.7	235.0	90.01	-377.7	-6,884.7	659.8	189.1	470.74	1.402 Level 3	
16,100.0	7,255.7	16,017.6	7,255.8	238.5	237.8	90.01	-378.8	-6,984.6	659.8	183.5	476.29	1.385 Level 3	
16,200.0	7,256.3	16,117.6	7,256.4	241.3	240.6	90.01	-379.9	-7,084.6	659.8	178.0	481.84	1.369 Level 3	
16,300.0	7,256.9	16,217.6	7,257.0	244.0	243.3	90.01	-381.0	-7,184.6	659.8	172.4	487.38	1.354 Level 3	
16,400.0	7,257.4	16,317.6	7,257.6	246.8	246.1	90.01	-382.1	-7,284.6	659.8	166.9	492.94	1.339 Level 3	
16,500.0	7,258.0	16,417.6	7,258.2	249.6	248.9	90.01	-383.2	-7,384.6	659.8	161.3	498.49	1.324 Level 3	
16,600.0	7,258.6	16,517.6	7,258.7	252.4	251.7	90.01	-384.3	-7,484.6	659.8	155.8	504.04	1.309 Level 3	
16,700.0	7,259.2	16,617.6	7,259.3	255.2	254.5	90.01	-385.4	-7,584.6	659.8	150.2	509.60	1.295 Level 3	
16,800.0	7,259.7	16,717.6	7,259.9	257.9	257.2	90.01	-386.5	-7,684.6	659.8	144.7	515.15	1.281 Level 3	
16,900.0	7,260.3	16,817.6	7,260.5	260.7	260.0	90.01	-387.6	-7,784.6	659.8	139.1	520.71	1.267 Level 3	
17,000.0	7,260.9	16,917.6	7,261.1	263.5	262.8	90.01	-388.7	-7,884.6	659.8	133.6	526.27	1.254 Level 3	
17,100.0	7,261.5	17,017.6	7,261.6	266.3	265.6	90.01	-389.8	-7,984.6	659.8	128.0	531.83	1.241 Level 2	
17,200.0	7,262.1	17,117.6	7,262.2	269.0	268.4	90.01	-390.9	-8,084.6	659.8	122.4	537.39	1.228 Level 2	
17,300.0	7,262.6	17,217.6	7,262.8	271.8	271.1	90.01	-392.0	-8,184.6	659.8	116.9	542.96	1.215 Level 2	
17,400.0	7,263.2	17,317.6	7,263.4	274.6	273.9	90.01	-393.1	-8,284.5	659.8	111.3	548.52	1.203 Level 2	
17,500.0	7,263.8	17,417.6	7,263.9	277.4	276.7	90.01	-394.2	-8,384.5	659.8	105.8	554.08	1.191 Level 2	
17,600.0	7,264.4	17,517.6	7,264.5	280.2	279.5	90.01	-395.3	-8,484.5	659.8	100.2	559.65	1.179 Level 2	
17,700.0	7,264.9	17,617.6	7,265.1	283.0	282.3	90.01	-396.4	-8,584.5	659.8	94.6	565.22	1.167 Level 2	
17,800.0	7,265.5	17,717.6	7,265.7	285.7	285.1	90.01	-397.5	-8,684.5	659.8	89.1	570.79	1.156 Level 2	
17,900.0	7,266.1	17,817.6	7,266.3	288.5	287.8	90.01	-398.6	-8,784.5	659.8	83.5	576.36	1.145 Level 2	
18,000.0	7,266.7	17,917.6	7,266.8	291.3	290.6	90.01	-399.7	-8,884.5	659.8	77.9	581.93	1.134 Level 2	
18,100.0	7,267.2	18,017.6	7,267.4	294.1	293.4	90.02	-400.7	-8,984.5	659.8	72.3	587.50	1.123 Level 2	
18,200.0	7,267.8	18,117.6	7,268.0	296.9	296.2	90.02	-401.8	-9,084.5	659.8	66.8	593.07	1.113 Level 2	
18,300.0	7,268.4	18,217.6	7,268.6	299.7	299.0	90.02	-402.9	-9,184.5	659.8	61.2	598.64	1.102 Level 2	
18,348.8	7,268.7	18,266.4	7,268.9	301.0	300.3	90.02	-403.5	-9,233.2	659.8	58.5	601.36	1.097 Level 2	
18,403.5	7,269.0	18,290.2	7,269.0	302.6	301.0	90.02	-403.7	-9,257.1	660.6	57.0	603.55	1.094 Level 2, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.53	29.9	0.3	29.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.53	29.9	0.3	29.9	29.7	0.22	132.937		
200.0	200.0	200.0	200.0	0.3	0.3	0.53	29.9	0.3	29.9	29.2	0.67	44.312 CC		
300.0	300.0	300.0	300.0	0.5	0.6	-118.98	29.9	0.3	30.5	29.4	1.11	27.476		
400.0	399.9	399.9	399.9	0.8	0.8	-125.00	29.9	0.3	32.6	31.0	1.55	21.012		
500.0	499.7	500.2	500.2	1.0	1.0	-131.67	29.5	1.5	36.0	34.0	1.99	18.060		
600.0	599.3	600.7	600.6	1.3	1.2	-136.73	28.2	5.3	40.1	37.6	2.44	16.423		
700.0	698.6	701.2	700.9	1.5	1.4	-140.45	26.0	11.5	44.7	41.8	2.91	15.347		
800.0	797.5	802.0	801.2	1.9	1.7	-143.11	23.1	20.3	49.7	46.3	3.41	14.586		
900.0	896.1	902.8	901.3	2.2	1.9	-144.95	19.2	31.5	55.0	51.1	3.93	14.005		
1,000.0	994.2	1,003.7	1,001.2	2.6	2.3	-146.15	14.5	45.3	60.6	56.1	4.48	13.523		
1,100.0	1,091.7	1,104.8	1,100.8	3.1	2.6	-146.86	8.9	61.6	66.4	61.3	5.07	13.096		
1,200.0	1,188.6	1,206.0	1,200.1	3.6	3.0	-147.19	2.5	80.5	72.4	66.7	5.70	12.696		
1,300.0	1,284.9	1,307.3	1,298.8	4.1	3.4	-147.23	-4.8	101.8	78.6	72.2	6.39	12.305		
1,400.0	1,380.4	1,408.8	1,397.1	4.7	3.9	-147.03	-12.9	125.6	85.0	77.9	7.14	11.914		
1,500.0	1,475.0	1,510.3	1,494.7	5.4	4.5	-146.65	-21.9	151.9	91.7	83.7	7.95	11.522		
1,600.0	1,568.9	1,612.0	1,591.7	6.1	5.1	-146.12	-31.7	180.7	98.5	89.6	8.85	11.127		
1,700.0	1,661.7	1,713.7	1,688.0	6.8	5.7	-145.48	-42.4	212.0	105.5	95.7	9.83	10.728		
1,800.0	1,753.6	1,815.6	1,783.4	7.7	6.4	-144.75	-53.9	245.7	112.7	101.8	10.91	10.330		
1,812.9	1,765.4	1,828.8	1,795.7	7.8	6.5	-144.65	-55.5	250.2	113.6	102.6	11.06	10.278		
1,900.0	1,844.8	1,917.0	1,877.5	8.5	7.2	-143.75	-66.2	281.6	119.4	107.3	12.12	9.853		
2,000.0	1,936.1	2,016.8	1,969.8	9.4	8.0	-142.65	-78.4	317.5	125.6	112.2	13.39	9.380		
2,100.0	2,027.3	2,116.6	2,062.0	10.2	8.7	-141.66	-90.7	353.4	131.9	117.2	14.70	8.970		
2,200.0	2,118.5	2,216.3	2,154.3	11.1	9.5	-140.76	-103.0	389.3	138.2	122.1	16.04	8.614		
2,300.0	2,209.7	2,316.1	2,246.6	12.0	10.3	-139.93	-115.2	425.3	144.5	127.1	17.40	8.303		
2,400.0	2,300.9	2,415.9	2,338.9	12.9	11.1	-139.18	-127.5	461.2	150.8	132.1	18.78	8.030		
2,500.0	2,392.1	2,515.7	2,431.1	13.7	11.9	-138.48	-139.8	497.1	157.2	137.0	20.18	7.790		
2,600.0	2,483.4	2,615.5	2,523.4	14.6	12.7	-137.84	-152.0	533.0	163.6	142.0	21.60	7.577		
2,700.0	2,574.6	2,715.2	2,615.7	15.5	13.6	-137.25	-164.3	569.0	170.0	147.0	23.02	7.387		
2,800.0	2,665.8	2,815.0	2,708.0	16.4	14.4	-136.70	-176.6	604.9	176.5	152.0	24.46	7.216		
2,900.0	2,757.0	2,914.8	2,800.2	17.3	15.2	-136.19	-188.8	640.8	182.9	157.0	25.90	7.063		
3,000.0	2,848.2	3,014.6	2,892.5	18.1	16.0	-135.72	-201.1	676.7	189.4	162.0	27.35	6.924		
3,100.0	2,939.4	3,114.4	2,984.8	19.0	16.8	-135.27	-213.4	712.7	195.9	167.1	28.81	6.799		
3,200.0	3,030.7	3,214.1	3,077.0	19.9	17.6	-134.86	-225.6	748.6	202.4	172.1	30.28	6.684		
3,300.0	3,121.9	3,313.9	3,169.3	20.8	18.4	-134.47	-237.9	784.5	208.9	177.1	31.75	6.579		
3,400.0	3,213.1	3,413.7	3,261.6	21.7	19.2	-134.10	-250.2	820.4	215.4	182.2	33.22	6.483		
3,500.0	3,304.3	3,513.5	3,353.9	22.6	20.1	-133.76	-262.4	856.4	221.9	187.2	34.70	6.394		
3,600.0	3,395.5	3,613.3	3,446.1	23.5	20.9	-133.43	-274.7	892.3	228.4	192.2	36.18	6.313		
3,700.0	3,486.7	3,713.0	3,538.4	24.4	21.7	-133.13	-287.0	928.2	234.9	197.3	37.67	6.237		
3,800.0	3,578.0	3,812.8	3,630.7	25.2	22.5	-132.84	-299.2	964.2	241.5	202.3	39.16	6.167		
3,900.0	3,669.2	3,912.6	3,723.0	26.1	23.3	-132.56	-311.5	1,000.1	248.0	207.4	40.65	6.101		
4,000.0	3,760.4	4,012.4	3,815.2	27.0	24.2	-132.30	-323.8	1,036.0	254.6	212.4	42.14	6.040		
4,100.0	3,851.6	4,112.1	3,907.5	27.9	25.0	-132.05	-336.0	1,071.9	261.1	217.5	43.64	5.983		
4,200.0	3,942.8	4,211.9	3,999.8	28.8	25.8	-131.82	-348.3	1,107.9	267.7	222.5	45.14	5.930		
4,300.0	4,034.0	4,311.7	4,092.1	29.7	26.6	-131.59	-360.6	1,143.8	274.2	227.6	46.64	5.880		
4,400.0	4,125.3	4,411.5	4,184.3	30.6	27.4	-131.38	-372.8	1,179.7	280.8	232.7	48.14	5.833		
4,500.0	4,216.5	4,511.3	4,276.6	31.5	28.3	-131.18	-385.1	1,215.6	287.4	237.7	49.65	5.789		
4,600.0	4,307.7	4,611.0	4,368.9	32.4	29.1	-130.98	-397.4	1,251.6	293.9	242.8	51.15	5.747		
4,700.0	4,398.9	4,710.8	4,461.2	33.2	29.9	-130.80	-409.7	1,287.5	300.5	247.9	52.66	5.707		
4,800.0	4,490.1	4,810.6	4,553.4	34.1	30.7	-130.62	-421.9	1,323.4	307.1	252.9	54.16	5.670		
4,900.0	4,581.3	4,910.4	4,645.7	35.0	31.5	-130.45	-434.2	1,359.3	313.7	258.0	55.67	5.634		
5,000.0	4,672.6	5,010.2	4,738.0	35.9	32.4	-130.28	-446.5	1,395.3	320.3	263.1	57.18	5.601		

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,763.8	5,109.9	4,830.3	36.8	33.2	-130.12	-458.7	1,431.2	326.9	268.2	58.69	5.569		
5,200.0	4,855.0	5,209.7	4,922.5	37.7	34.0	-129.97	-471.0	1,467.1	333.4	273.2	60.21	5.538		
5,300.0	4,946.2	5,309.5	5,014.8	38.6	34.8	-129.83	-483.3	1,503.0	340.0	278.3	61.72	5.510		
5,387.4	5,025.9	5,396.7	5,095.5	39.4	35.5	-129.71	-494.0	1,534.5	345.8	282.8	63.04	5.485		
5,400.0	5,037.4	5,409.3	5,107.1	39.5	35.6	-129.70	-495.5	1,539.0	346.6	283.4	63.22	5.482		
5,500.0	5,129.5	5,509.1	5,199.4	40.1	36.5	-129.37	-507.8	1,574.9	351.8	287.1	64.75	5.433		
5,600.0	5,222.9	5,608.9	5,291.7	40.7	37.3	-128.58	-520.1	1,610.9	354.9	288.4	66.51	5.336		
5,700.0	5,317.5	5,704.0	5,380.0	41.3	38.0	-127.54	-531.5	1,644.2	356.4	288.1	68.26	5.221		
5,800.0	5,413.1	5,800.0	5,470.3	41.8	38.5	-126.50	-542.0	1,675.1	357.5	287.6	69.84	5.118		
5,900.0	5,509.8	5,892.3	5,558.1	42.2	39.0	-125.51	-551.2	1,702.2	358.2	286.9	71.27	5.026		
6,000.0	5,607.2	5,986.8	5,648.8	42.6	39.5	-124.51	-559.7	1,727.0	358.5	285.9	72.61	4.937		
6,100.0	5,705.4	6,081.4	5,740.5	43.0	39.9	-123.51	-567.3	1,749.1	358.4	284.6	73.85	4.854		
6,200.0	5,804.2	6,176.3	5,833.2	43.2	40.2	-122.51	-573.8	1,768.3	357.9	283.0	74.97	4.774		
6,300.0	5,903.4	6,271.3	5,926.6	43.5	40.5	-121.51	-579.4	1,784.6	357.1	281.1	75.99	4.698		
6,400.0	6,003.1	6,366.5	6,020.8	43.6	40.8	-120.51	-584.0	1,798.0	355.8	278.9	76.91	4.626		
6,500.0	6,102.9	6,461.9	6,115.6	43.7	41.0	-119.50	-587.5	1,808.5	354.1	276.3	77.73	4.555		
6,597.1	6,200.0	6,554.8	6,208.1	43.8	41.1	-1.19	-590.0	1,815.8	352.0	303.1	48.91	7.197		
6,600.0	6,202.9	6,557.6	6,210.9	43.8	41.1	-1.16	-590.1	1,816.0	352.0	303.1	48.90	7.198		
6,700.0	6,302.9	6,653.5	6,306.7	43.9	41.3	-0.44	-591.6	1,820.4	350.3	301.7	48.57	7.213		
6,800.0	6,402.9	6,749.8	6,402.9	44.0	41.3	-0.20	-592.1	1,821.9	349.8	301.2	48.60	7.197		
6,890.2	6,493.1	6,839.9	6,493.1	44.0	41.4	-0.20	-592.1	1,821.9	349.8	301.0	48.80	7.168		
6,900.0	6,502.9	6,849.8	6,502.9	44.0	41.4	90.44	-592.1	1,821.9	349.8	270.4	79.41	4.405		
6,950.0	6,552.8	6,899.7	6,552.8	44.0	41.5	90.84	-592.1	1,821.9	349.8	270.2	79.64	4.392		
7,000.0	6,602.5	6,949.8	6,602.9	44.0	41.5	91.70	-592.1	1,821.3	349.9	269.9	80.02	4.373		
7,050.0	6,651.6	7,000.4	6,653.4	43.9	41.5	92.60	-592.2	1,817.4	350.1	269.8	80.33	4.359		
7,100.0	6,699.9	7,051.4	6,703.8	43.8	41.4	93.49	-592.3	1,809.8	350.4	269.9	80.53	4.351		
7,150.0	6,747.2	7,102.9	6,754.0	43.7	41.3	94.37	-592.4	1,798.6	350.8	270.2	80.64	4.350		
7,200.0	6,793.3	7,154.7	6,803.7	43.6	41.2	95.23	-592.5	1,783.7	351.2	270.6	80.64	4.356		
7,250.0	6,837.9	7,207.0	6,852.5	43.5	41.1	96.06	-592.7	1,765.1	351.8	271.2	80.56	4.367		
7,300.0	6,880.9	7,259.7	6,900.2	43.3	41.0	96.87	-593.0	1,742.8	352.3	271.9	80.39	4.383		
7,350.0	6,921.9	7,312.8	6,946.5	43.2	40.8	97.64	-593.3	1,716.8	352.9	272.8	80.15	4.403		
7,400.0	6,960.9	7,366.3	6,991.1	43.0	40.6	98.37	-593.6	1,687.2	353.6	273.7	79.85	4.428		
7,450.0	6,997.6	7,420.1	7,033.6	42.9	40.5	99.06	-594.0	1,654.1	354.2	274.7	79.50	4.456		
7,500.0	7,031.8	7,474.4	7,073.7	42.8	40.3	99.70	-594.4	1,617.7	354.9	275.8	79.12	4.485		
7,550.0	7,063.4	7,528.9	7,111.2	42.7	40.2	100.29	-594.8	1,578.1	355.5	276.8	78.72	4.516		
7,600.0	7,092.2	7,583.8	7,145.8	42.6	40.1	100.83	-595.3	1,535.5	356.1	277.8	78.33	4.547		
7,650.0	7,118.1	7,639.0	7,177.2	42.5	40.0	101.31	-595.8	1,490.1	356.7	278.7	77.96	4.575		
7,700.0	7,140.9	7,694.5	7,205.1	42.5	40.0	101.73	-596.3	1,442.2	357.2	279.6	77.64	4.601		
7,750.0	7,160.6	7,750.2	7,229.4	42.5	40.0	102.09	-596.9	1,392.1	357.7	280.3	77.37	4.623		
7,800.0	7,177.0	7,806.1	7,249.7	42.5	40.0	102.39	-597.4	1,340.0	358.1	280.9	77.18	4.640		
7,850.0	7,190.1	7,862.1	7,265.9	42.6	40.1	102.61	-598.0	1,286.4	358.4	281.3	77.08	4.650		
7,900.0	7,199.8	7,918.3	7,277.9	42.6	40.2	102.77	-598.6	1,231.5	358.6	281.6	77.07	4.653		
7,950.0	7,206.1	7,974.6	7,285.6	42.8	40.4	102.87	-599.3	1,175.8	358.8	281.6	77.16	4.649		
8,000.0	7,208.9	8,030.9	7,288.9	42.9	40.6	102.89	-599.9	1,119.6	358.8	281.4	77.36	4.638		
8,010.6	7,209.0	8,042.6	7,289.0	42.9	40.7	102.88	-600.0	1,107.8	358.8	281.4	77.41	4.635		
8,010.7	7,209.0	8,042.7	7,289.0	42.9	40.7	102.88	-600.0	1,107.7	358.8	281.4	77.41	4.635		
8,011.3	7,209.0	8,043.3	7,289.0	42.9	40.7	102.88	-600.0	1,107.2	358.8	281.4	77.42	4.634		
8,100.0	7,209.5	8,132.0	7,289.4	43.2	41.2	102.86	-601.0	1,018.5	358.8	280.1	78.63	4.563		
8,200.0	7,210.1	8,232.0	7,289.8	43.8	41.8	102.84	-602.1	918.5	358.7	278.4	80.29	4.468		
8,300.0	7,210.7	8,332.0	7,290.3	44.4	42.7	102.82	-603.2	818.5	358.7	276.4	82.29	4.359		
8,400.0	7,211.2	8,432.0	7,290.7	45.3	43.7	102.80	-604.3	718.5	358.7	274.1	84.59	4.240		
8,500.0	7,211.8	8,532.0	7,291.1	46.3	44.8	102.77	-605.4	618.5	358.6	271.5	87.18	4.114		

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.0	7,212.4	8,632.0	7,291.6	47.5	46.2	102.75	-606.5	518.5	358.6	268.6	90.03	3.983		
8,700.0	7,213.0	8,732.0	7,292.0	48.8	47.6	102.73	-607.6	418.5	358.6	265.5	93.11	3.851		
8,800.0	7,213.6	8,832.0	7,292.4	50.2	49.2	102.71	-608.7	318.5	358.5	262.1	96.42	3.719		
8,900.0	7,214.1	8,932.0	7,292.9	51.8	50.9	102.69	-609.8	218.5	358.5	258.6	99.91	3.588		
9,000.0	7,214.7	9,032.0	7,293.3	53.5	52.7	102.66	-610.9	118.6	358.5	254.9	103.58	3.461		
9,100.0	7,215.3	9,132.0	7,293.7	55.3	54.6	102.64	-612.0	18.6	358.5	251.1	107.41	3.337		
9,200.0	7,215.9	9,232.0	7,294.2	57.2	56.6	102.62	-613.1	-81.4	358.4	247.1	111.37	3.218		
9,300.0	7,216.4	9,332.0	7,294.6	59.2	58.6	102.60	-614.2	-181.4	358.4	242.9	115.47	3.104		
9,400.0	7,217.0	9,432.0	7,295.0	61.3	60.7	102.57	-615.2	-281.4	358.4	238.7	119.67	2.995		
9,500.0	7,217.6	9,532.0	7,295.5	63.4	62.9	102.55	-616.3	-381.4	358.3	234.4	123.98	2.890		
9,600.0	7,218.2	9,632.0	7,295.9	65.6	65.1	102.53	-617.4	-481.4	358.3	229.9	128.38	2.791		
9,700.0	7,218.8	9,732.0	7,296.3	67.8	67.4	102.51	-618.5	-581.4	358.3	225.4	132.86	2.697		
9,800.0	7,219.3	9,832.0	7,296.8	70.1	69.7	102.48	-619.6	-681.4	358.3	220.8	137.42	2.607		
9,900.0	7,219.9	9,932.0	7,297.2	72.5	72.1	102.46	-620.7	-781.4	358.2	216.2	142.04	2.522		
10,000.0	7,220.5	10,032.0	7,297.6	74.8	74.4	102.44	-621.8	-881.4	358.2	211.5	146.73	2.441		
10,100.0	7,221.1	10,132.0	7,298.1	77.2	76.9	102.42	-622.9	-981.4	358.2	206.7	151.47	2.365		
10,200.0	7,221.6	10,232.0	7,298.5	79.6	79.3	102.39	-624.0	-1,081.4	358.1	201.9	156.26	2.292		
10,300.0	7,222.2	10,332.0	7,298.9	82.1	81.8	102.37	-625.1	-1,181.4	358.1	197.0	161.10	2.223		
10,400.0	7,222.8	10,432.0	7,299.4	84.6	84.3	102.35	-626.2	-1,281.3	358.1	192.1	165.98	2.157		
10,500.0	7,223.4	10,532.0	7,299.8	87.1	86.8	102.33	-627.3	-1,381.3	358.1	187.2	170.90	2.095		
10,600.0	7,223.9	10,632.0	7,300.2	89.6	89.3	102.30	-628.4	-1,481.3	358.0	182.2	175.85	2.036		
10,700.0	7,224.5	10,732.0	7,300.7	92.1	91.8	102.28	-629.5	-1,581.3	358.0	177.2	180.84	1.980		
10,800.0	7,225.1	10,832.0	7,301.1	94.7	94.4	102.26	-630.6	-1,681.3	358.0	172.1	185.86	1.926		
10,900.0	7,225.7	10,932.0	7,301.5	97.2	97.0	102.23	-631.7	-1,781.3	357.9	167.0	190.90	1.875		
11,000.0	7,226.3	11,032.0	7,302.0	99.8	99.5	102.21	-632.8	-1,881.3	357.9	161.9	195.97	1.826		
11,100.0	7,226.8	11,132.0	7,302.4	102.4	102.1	102.19	-633.9	-1,981.3	357.9	156.8	201.07	1.780		
11,200.0	7,227.4	11,232.0	7,302.8	105.0	104.8	102.17	-635.0	-2,081.3	357.9	151.7	206.19	1.736		
11,300.0	7,228.0	11,332.0	7,303.3	107.6	107.4	102.14	-636.1	-2,181.3	357.8	146.5	211.32	1.693		
11,400.0	7,228.6	11,432.0	7,303.7	110.3	110.0	102.12	-637.2	-2,281.3	357.8	141.3	216.48	1.653		
11,500.0	7,229.1	11,532.0	7,304.1	112.9	112.6	102.10	-638.3	-2,381.3	357.8	136.1	221.66	1.614		
11,600.0	7,229.7	11,632.0	7,304.6	115.5	115.3	102.08	-639.4	-2,481.3	357.7	130.9	226.85	1.577		
11,700.0	7,230.3	11,732.0	7,305.0	118.2	117.9	102.05	-640.5	-2,581.3	357.7	125.7	232.06	1.541		
11,800.0	7,230.9	11,832.0	7,305.4	120.9	120.6	102.03	-641.6	-2,681.2	357.7	120.4	237.28	1.507		
11,900.0	7,231.5	11,932.0	7,305.9	123.5	123.3	102.01	-642.7	-2,781.2	357.7	115.1	242.52	1.475 Level 3		
12,000.0	7,232.0	12,032.0	7,306.3	126.2	125.9	101.99	-643.8	-2,881.2	357.6	109.9	247.77	1.443 Level 3		
12,100.0	7,232.6	12,132.0	7,306.7	128.9	128.6	101.96	-644.8	-2,981.2	357.6	104.6	253.03	1.413 Level 3		
12,200.0	7,233.2	12,232.0	7,307.2	131.6	131.3	101.94	-645.9	-3,081.2	357.6	99.3	258.30	1.384 Level 3		
12,300.0	7,233.8	12,332.0	7,307.6	134.2	134.0	101.92	-647.0	-3,181.2	357.5	94.0	263.59	1.356 Level 3		
12,400.0	7,234.3	12,432.0	7,308.0	136.9	136.7	101.90	-648.1	-3,281.2	357.5	88.6	268.88	1.330 Level 3		
12,500.0	7,234.9	12,532.0	7,308.5	139.6	139.4	101.87	-649.2	-3,381.2	357.5	83.3	274.19	1.304 Level 3		
12,600.0	7,235.5	12,632.0	7,308.9	142.3	142.1	101.85	-650.3	-3,481.2	357.5	78.0	279.50	1.279 Level 3		
12,700.0	7,236.1	12,732.0	7,309.3	145.0	144.8	101.83	-651.4	-3,581.2	357.4	72.6	284.82	1.255 Level 3		
12,800.0	7,236.6	12,832.0	7,309.8	147.8	147.5	101.81	-652.5	-3,681.2	357.4	67.2	290.15	1.232 Level 2		
12,900.0	7,237.2	12,932.0	7,310.2	150.5	150.2	101.78	-653.6	-3,781.2	357.4	61.9	295.49	1.209 Level 2		
13,000.0	7,237.8	13,032.0	7,310.6	153.2	152.9	101.76	-654.7	-3,881.2	357.3	56.5	300.84	1.188 Level 2		
13,100.0	7,238.4	13,132.0	7,311.1	155.9	155.7	101.74	-655.8	-3,981.2	357.3	51.1	306.19	1.167 Level 2		
13,200.0	7,239.0	13,232.0	7,311.5	158.6	158.4	101.72	-656.9	-4,081.1	357.3	45.7	311.55	1.147 Level 2		
13,300.0	7,239.5	13,332.0	7,311.9	161.4	161.1	101.69	-658.0	-4,181.1	357.3	40.3	316.92	1.127 Level 2		
13,400.0	7,240.1	13,432.0	7,312.4	164.1	163.8	101.67	-659.1	-4,281.1	357.2	34.9	322.29	1.108 Level 2		
13,500.0	7,240.7	13,532.0	7,312.8	166.8	166.6	101.65	-660.2	-4,381.1	357.2	29.5	327.67	1.090 Level 2		
13,600.0	7,241.3	13,632.0	7,313.2	169.6	169.3	101.62	-661.3	-4,481.1	357.2	24.1	333.06	1.072 Level 2		
13,700.0	7,241.8	13,732.0	7,313.7	172.3	172.1	101.60	-662.4	-4,581.1	357.2	18.7	338.45	1.055 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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.0	7,242.4	13,832.0	7,314.1	175.0	174.8	101.58	-663.5	-4,681.1	357.1	13.3	343.85	1.039 Level 2		
13,900.0	7,243.0	13,932.0	7,314.5	177.8	177.5	101.56	-664.6	-4,781.1	357.1	7.9	349.25	1.022 Level 2		
14,000.0	7,243.6	14,032.0	7,315.0	180.5	180.3	101.53	-665.7	-4,881.1	357.1	2.4	354.65	1.007 Level 2		
14,100.0	7,244.2	14,132.0	7,315.4	183.3	183.0	101.51	-666.8	-4,981.1	357.0	-3.0	360.06	0.992 Level 1		
14,200.0	7,244.7	14,232.0	7,315.8	186.0	185.8	101.49	-667.9	-5,081.1	357.0	-8.5	365.48	0.977 Level 1		
14,300.0	7,245.3	14,332.0	7,316.3	188.8	188.5	101.47	-669.0	-5,181.1	357.0	-13.9	370.90	0.963 Level 1		
14,400.0	7,245.9	14,432.0	7,316.7	191.5	191.3	101.44	-670.1	-5,281.1	357.0	-19.4	376.32	0.949 Level 1		
14,500.0	7,246.5	14,532.0	7,317.1	194.3	194.0	101.42	-671.2	-5,381.1	356.9	-24.8	381.75	0.935 Level 1		
14,600.0	7,247.0	14,632.0	7,317.6	197.0	196.8	101.40	-672.3	-5,481.0	356.9	-30.3	387.18	0.922 Level 1		
14,700.0	7,247.6	14,732.0	7,318.0	199.8	199.5	101.38	-673.4	-5,581.0	356.9	-35.7	392.62	0.909 Level 1		
14,800.0	7,248.2	14,832.0	7,318.4	202.5	202.3	101.35	-674.4	-5,681.0	356.9	-41.2	398.06	0.897 Level 1		
14,900.0	7,248.8	14,932.0	7,318.9	205.3	205.1	101.33	-675.5	-5,781.0	356.8	-46.7	403.50	0.884 Level 1		
15,000.0	7,249.4	15,032.0	7,319.3	208.1	207.8	101.31	-676.6	-5,881.0	356.8	-52.1	408.95	0.873 Level 1		
15,100.0	7,249.9	15,132.0	7,319.7	210.8	210.6	101.28	-677.7	-5,981.0	356.8	-57.6	414.40	0.861 Level 1		
15,200.0	7,250.5	15,232.0	7,320.2	213.6	213.4	101.26	-678.8	-6,081.0	356.8	-63.1	419.85	0.850 Level 1		
15,300.0	7,251.1	15,332.0	7,320.6	216.3	216.1	101.24	-679.9	-6,181.0	356.7	-68.6	425.31	0.839 Level 1		
15,400.0	7,251.7	15,432.0	7,321.0	219.1	218.9	101.22	-681.0	-6,281.0	356.7	-74.1	430.76	0.828 Level 1		
15,500.0	7,252.2	15,532.0	7,321.5	221.9	221.6	101.19	-682.1	-6,381.0	356.7	-79.5	436.23	0.818 Level 1		
15,600.0	7,252.8	15,632.0	7,321.9	224.6	224.4	101.17	-683.2	-6,481.0	356.7	-85.0	441.69	0.807 Level 1		
15,700.0	7,253.4	15,732.0	7,322.3	227.4	227.2	101.15	-684.3	-6,581.0	356.6	-90.5	447.16	0.798 Level 1		
15,800.0	7,254.0	15,832.0	7,322.8	230.2	230.0	101.13	-685.4	-6,681.0	356.6	-96.0	452.63	0.788 Level 1		
15,900.0	7,254.5	15,932.0	7,323.2	233.0	232.7	101.10	-686.5	-6,781.0	356.6	-101.5	458.10	0.778 Level 1		
16,000.0	7,255.1	16,032.0	7,323.6	235.7	235.5	101.08	-687.6	-6,881.0	356.5	-107.0	463.58	0.769 Level 1		
16,100.0	7,255.7	16,132.0	7,324.1	238.5	238.3	101.06	-688.7	-6,980.9	356.5	-112.5	469.06	0.760 Level 1		
16,200.0	7,256.3	16,232.0	7,324.5	241.3	241.0	101.04	-689.8	-7,080.9	356.5	-118.0	474.54	0.751 Level 1		
16,300.0	7,256.9	16,332.0	7,324.9	244.0	243.8	101.01	-690.9	-7,180.9	356.5	-123.5	480.02	0.743 Level 1		
16,400.0	7,257.4	16,432.0	7,325.4	246.8	246.6	100.99	-692.0	-7,280.9	356.4	-129.1	485.51	0.734 Level 1		
16,500.0	7,258.0	16,532.0	7,325.8	249.6	249.4	100.97	-693.1	-7,380.9	356.4	-134.6	490.99	0.726 Level 1		
16,600.0	7,258.6	16,632.0	7,326.2	252.4	252.1	100.94	-694.2	-7,480.9	356.4	-140.1	496.48	0.718 Level 1		
16,700.0	7,259.2	16,732.0	7,326.7	255.2	254.9	100.92	-695.3	-7,580.9	356.4	-145.6	501.97	0.710 Level 1		
16,800.0	7,259.7	16,832.0	7,327.1	257.9	257.7	100.90	-696.4	-7,680.9	356.3	-151.1	507.47	0.702 Level 1		
16,900.0	7,260.3	16,932.0	7,327.6	260.7	260.5	100.88	-697.5	-7,780.9	356.3	-156.6	512.96	0.695 Level 1		
17,000.0	7,260.9	17,032.0	7,328.0	263.5	263.3	100.85	-698.6	-7,880.9	356.3	-162.2	518.46	0.687 Level 1		
17,100.0	7,261.5	17,132.0	7,328.4	266.3	266.0	100.83	-699.7	-7,980.9	356.3	-167.7	523.96	0.680 Level 1		
17,200.0	7,262.1	17,232.0	7,328.9	269.0	268.8	100.81	-700.8	-8,080.9	356.2	-173.2	529.46	0.673 Level 1		
17,300.0	7,262.6	17,332.0	7,329.3	271.8	271.6	100.78	-701.9	-8,180.9	356.2	-178.7	534.97	0.666 Level 1		
17,400.0	7,263.2	17,432.0	7,329.7	274.6	274.4	100.76	-703.0	-8,280.9	356.2	-184.3	540.47	0.659 Level 1		
17,500.0	7,263.8	17,532.0	7,330.2	277.4	277.2	100.74	-704.0	-8,380.8	356.2	-189.8	545.98	0.652 Level 1		
17,600.0	7,264.4	17,632.0	7,330.6	280.2	280.0	100.72	-705.1	-8,480.8	356.1	-195.3	551.49	0.646 Level 1		
17,700.0	7,264.9	17,732.0	7,331.0	283.0	282.7	100.69	-706.2	-8,580.8	356.1	-200.9	557.00	0.639 Level 1		
17,800.0	7,265.5	17,832.0	7,331.5	285.7	285.5	100.67	-707.3	-8,680.8	356.1	-206.4	562.52	0.633 Level 1		
17,900.0	7,266.1	17,932.0	7,331.9	288.5	288.3	100.65	-708.4	-8,780.8	356.1	-212.0	568.03	0.627 Level 1		
18,000.0	7,266.7	18,032.0	7,332.3	291.3	291.1	100.63	-709.5	-8,880.8	356.0	-217.5	573.55	0.621 Level 1		
18,100.0	7,267.2	18,132.0	7,332.8	294.1	293.9	100.60	-710.6	-8,980.8	356.0	-223.0	579.06	0.615 Level 1		
18,200.0	7,267.8	18,232.0	7,333.2	296.9	296.7	100.58	-711.7	-9,080.8	356.0	-228.6	584.58	0.609 Level 1		
18,300.0	7,268.4	18,332.0	7,333.6	299.7	299.4	100.56	-712.8	-9,180.8	356.0	-234.1	590.10	0.603 Level 1		
18,368.0	7,268.8	18,400.0	7,333.9	301.6	301.3	100.54	-713.6	-9,248.8	356.0	-237.9	593.86	0.599 Level 1		
18,403.5	7,269.0	18,419.3	7,334.0	302.6	301.9	100.54	-713.8	-9,268.1	356.3	-239.1	595.37	0.598 Level 1, ES, SF		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.01	14.9	0.0	14.9	14.9	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	0.01	14.9	0.0	14.9	14.7	0.22	66.457		
200.0	200.0	200.0	200.0	0.3	0.3	0.01	14.9	0.0	14.9	14.3	0.67	22.152 CC		
300.0	300.0	300.0	300.0	0.5	0.6	-121.59	14.9	0.0	15.6	14.5	1.11	14.035		
400.0	399.9	399.9	399.9	0.8	0.8	-132.30	14.9	0.0	18.0	16.4	1.55	11.561		
500.0	499.7	499.7	499.7	1.0	1.0	-144.45	14.9	0.0	22.9	20.9	2.01	11.358		
600.0	599.3	599.3	599.3	1.3	1.2	-154.34	14.9	0.0	30.8	28.3	2.48	12.410		
700.0	698.6	699.6	699.5	1.5	1.4	-160.65	14.4	1.2	40.5	37.6	2.93	13.837		
800.0	797.5	800.1	800.0	1.9	1.6	-164.29	12.9	4.8	50.6	47.2	3.36	15.044		
900.0	896.1	901.0	900.7	2.2	1.9	-166.55	10.2	10.9	60.8	57.0	3.81	15.966		
1,000.0	994.2	1,002.1	1,001.4	2.6	2.1	-168.01	6.5	19.4	71.1	66.9	4.27	16.666		
1,100.0	1,091.7	1,103.5	1,102.1	3.1	2.4	-168.97	1.7	30.4	81.5	76.8	4.74	17.193		
1,200.0	1,188.6	1,205.2	1,202.7	3.6	2.7	-169.60	-4.1	43.9	91.9	86.6	5.23	17.580		
1,300.0	1,284.9	1,307.2	1,303.1	4.1	3.0	-169.99	-11.0	59.9	102.2	96.5	5.73	17.853		
1,400.0	1,380.4	1,409.4	1,403.4	4.7	3.4	-170.21	-19.1	78.4	112.6	106.4	6.25	18.029		
1,500.0	1,475.0	1,512.0	1,503.3	5.4	3.8	-170.31	-28.2	99.4	122.9	116.1	6.78	18.121		
1,600.0	1,568.9	1,614.8	1,602.9	6.1	4.3	-170.31	-38.4	122.9	133.2	125.9	7.34	18.142		
1,700.0	1,661.7	1,717.9	1,702.0	6.8	4.8	-170.22	-49.7	149.0	143.5	135.6	7.93	18.104		
1,800.0	1,753.6	1,821.3	1,800.6	7.7	5.4	-170.08	-62.1	177.6	153.7	145.2	8.53	18.008		
1,812.9	1,765.4	1,834.7	1,813.3	7.8	5.5	-170.06	-63.8	181.5	155.0	146.4	8.62	17.991		
1,900.0	1,844.8	1,925.0	1,898.6	8.5	6.1	-169.84	-75.6	208.7	162.9	153.7	9.20	17.694		
2,000.0	1,936.1	2,029.2	1,996.1	9.4	6.8	-169.41	-90.2	242.4	169.4	159.5	9.92	17.081		
2,100.0	2,027.3	2,133.7	2,092.8	10.2	7.6	-168.76	-106.0	278.7	173.4	162.7	10.68	16.233		
2,200.0	2,118.5	2,236.3	2,186.8	11.1	8.4	-167.94	-122.4	316.5	174.9	163.4	11.49	15.228		
2,300.0	2,209.7	2,336.3	2,278.2	12.0	9.2	-167.10	-138.5	353.7	176.0	163.7	12.32	14.289		
2,400.0	2,300.9	2,436.2	2,369.6	12.9	10.1	-166.28	-154.6	390.9	177.2	164.0	13.19	13.440		
2,500.0	2,392.1	2,536.2	2,460.9	13.7	10.9	-165.47	-170.8	428.0	178.4	164.3	14.08	12.670		
2,600.0	2,483.4	2,636.2	2,552.3	14.6	11.7	-164.67	-186.9	465.2	179.6	164.6	15.01	11.970		
2,700.0	2,574.6	2,736.1	2,643.7	15.5	12.6	-163.88	-203.0	502.4	180.9	165.0	15.97	11.332		
2,800.0	2,665.8	2,836.1	2,735.0	16.4	13.5	-163.10	-219.2	539.6	182.2	165.3	16.95	10.750		
2,900.0	2,757.0	2,936.1	2,826.4	17.3	14.3	-162.33	-235.3	576.8	183.6	165.6	17.97	10.217		
3,000.0	2,848.2	3,036.0	2,917.8	18.1	15.2	-161.58	-251.4	614.0	184.9	165.9	19.01	9.728		
3,100.0	2,939.4	3,136.0	3,009.2	19.0	16.1	-160.83	-267.6	651.2	186.3	166.2	20.08	9.278		
3,200.0	3,030.7	3,235.9	3,100.5	19.9	16.9	-160.10	-283.7	688.4	187.8	166.6	21.18	8.865		
3,300.0	3,121.9	3,335.9	3,191.9	20.8	17.8	-159.37	-299.9	725.6	189.2	166.9	22.31	8.483		
3,400.0	3,213.1	3,435.9	3,283.3	21.7	18.7	-158.66	-316.0	762.8	190.7	167.3	23.46	8.130		
3,500.0	3,304.3	3,535.8	3,374.6	22.6	19.5	-157.96	-332.1	800.0	192.2	167.6	24.64	7.803		
3,600.0	3,395.5	3,635.8	3,466.0	23.5	20.4	-157.27	-348.3	837.2	193.8	168.0	25.84	7.500		
3,700.0	3,486.7	3,735.7	3,557.4	24.4	21.3	-156.59	-364.4	874.4	195.4	168.3	27.06	7.219		
3,800.0	3,578.0	3,835.7	3,648.7	25.2	22.2	-155.93	-380.5	911.6	197.0	168.7	28.31	6.957		
3,900.0	3,669.2	3,935.7	3,740.1	26.1	23.0	-155.27	-396.7	948.8	198.6	169.0	29.58	6.713		
4,000.0	3,760.4	4,035.6	3,831.5	27.0	23.9	-154.62	-412.8	985.9	200.3	169.4	30.88	6.486		
4,100.0	3,851.6	4,135.6	3,922.9	27.9	24.8	-153.99	-428.9	1,023.1	201.9	169.7	32.19	6.273		
4,200.0	3,942.8	4,235.5	4,014.2	28.8	25.7	-153.37	-445.1	1,060.3	203.6	170.1	33.53	6.074		
4,300.0	4,034.0	4,335.5	4,105.6	29.7	26.5	-152.75	-461.2	1,097.5	205.4	170.5	34.88	5.888		
4,400.0	4,125.3	4,435.5	4,197.0	30.6	27.4	-152.15	-477.4	1,134.7	207.1	170.9	36.25	5.713		
4,500.0	4,216.5	4,535.4	4,288.3	31.5	28.3	-151.55	-493.5	1,171.9	208.9	171.3	37.64	5.549		
4,600.0	4,307.7	4,635.4	4,379.7	32.4	29.2	-150.97	-509.6	1,209.1	210.7	171.6	39.05	5.395		
4,700.0	4,398.9	4,735.4	4,471.1	33.2	30.0	-150.40	-525.8	1,246.3	212.5	172.0	40.48	5.250		
4,800.0	4,490.1	4,835.3	4,562.4	34.1	30.9	-149.83	-541.9	1,283.5	214.4	172.4	41.92	5.113		
4,900.0	4,581.3	4,935.3	4,653.8	35.0	31.8	-149.28	-558.0	1,320.7	216.2	172.8	43.38	4.985		
5,000.0	4,672.6	5,035.2	4,745.2	35.9	32.7	-148.74	-574.2	1,357.9	218.1	173.2	44.85	4.863		

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design				G & D Hanks 27-N Pad Sec.27-T7N-R66W - G & D Hanks W-27-28HC - Wellbore #1 - Plan #1 (8-02-17)										Offset Site Error:		0.0 ft	
Survey Program: 0-MWD														Offset Well Error:		0.0 ft	
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)					
5,100.0	4,763.8	5,135.2	4,836.6	36.8	33.6	-148.20	-590.3	1,395.1	220.0	173.7	46.34	4.748					
5,200.0	4,855.0	5,235.2	4,927.9	37.7	34.4	-147.67	-606.4	1,432.3	221.9	174.1	47.84	4.639					
5,300.0	4,946.2	5,335.1	5,019.3	38.6	35.3	-147.16	-622.6	1,469.5	223.8	174.5	49.35	4.536					
5,387.4	5,025.9	5,422.5	5,099.2	39.4	36.1	-146.71	-636.7	1,502.0	225.6	174.9	50.68	4.450					
5,400.0	5,037.4	5,435.1	5,110.7	39.5	36.2	-146.65	-638.7	1,506.7	225.8	174.9	50.88	4.438					
5,500.0	5,129.5	5,535.0	5,202.0	40.1	37.1	-145.84	-654.8	1,543.8	225.9	173.4	52.58	4.297					
5,600.0	5,222.9	5,634.9	5,293.3	40.7	38.0	-144.49	-671.0	1,581.0	223.3	168.6	54.66	4.085					
5,700.0	5,317.5	5,731.7	5,381.9	41.3	38.7	-142.67	-686.4	1,616.7	218.3	161.3	57.02	3.829					
5,800.0	5,413.1	5,826.0	5,469.3	41.8	39.3	-140.73	-700.5	1,649.1	213.0	153.6	59.33	3.589					
5,900.0	5,509.8	5,920.5	5,558.1	42.2	39.9	-138.71	-713.5	1,679.0	207.6	145.9	61.65	3.367					
6,000.0	5,607.2	6,015.4	5,648.2	42.6	40.4	-136.58	-725.3	1,706.2	202.2	138.3	63.96	3.162					
6,100.0	5,705.4	6,110.5	5,739.5	43.0	40.9	-134.34	-735.9	1,730.8	196.9	130.6	66.25	2.971					
6,200.0	5,804.2	6,205.9	5,831.9	43.2	41.3	-131.98	-745.4	1,752.6	191.6	123.0	68.53	2.795					
6,300.0	5,903.4	6,300.0	5,923.7	43.5	41.6	-129.53	-753.6	1,771.4	186.3	115.6	70.73	2.634					
6,400.0	6,003.1	6,397.7	6,019.7	43.6	42.0	-126.86	-760.7	1,787.9	181.2	108.3	72.95	2.484					
6,500.0	6,102.9	6,494.0	6,114.9	43.7	42.2	-124.08	-766.5	1,801.2	176.2	101.2	75.07	2.347					
6,597.1	6,200.0	6,587.8	6,208.1	43.8	42.4	-3.91	-770.9	1,811.4	171.6	118.3	53.27	3.221					
6,600.0	6,202.9	6,590.6	6,210.9	43.8	42.4	-3.82	-771.0	1,811.7	171.4	118.2	53.21	3.222					
6,700.0	6,302.9	6,687.8	6,307.6	43.9	42.6	-1.34	-774.3	1,819.2	167.7	116.3	51.38	3.264					
6,800.0	6,402.9	6,785.3	6,405.1	44.0	42.7	0.19	-776.2	1,823.7	165.7	115.3	50.35	3.290					
6,890.2	6,493.1	6,873.5	6,493.2	44.0	42.8	0.69	-776.9	1,825.1	165.1	114.9	50.15	3.291					
6,895.7	6,498.6	6,878.9	6,498.7	44.0	42.8	91.33	-776.9	1,825.1	165.0	84.9	80.17	2.059					
6,900.0	6,502.9	6,883.2	6,502.9	44.0	42.8	91.35	-776.9	1,825.1	165.1	84.9	80.19	2.058					
6,950.0	6,552.8	6,933.1	6,552.8	44.0	42.8	92.19	-776.9	1,825.1	165.1	84.5	80.65	2.048					
7,000.0	6,602.5	6,982.7	6,602.5	44.0	42.9	94.19	-776.9	1,825.1	165.5	83.9	81.59	2.028					
7,050.0	6,651.6	7,032.0	6,651.7	43.9	42.9	97.28	-776.9	1,825.1	166.4	83.6	82.83	2.009					
7,100.0	6,699.9	7,082.7	6,702.4	43.8	42.9	100.85	-776.9	1,823.0	168.2	84.3	83.89	2.004					
7,150.0	6,747.2	7,134.2	6,753.6	43.7	42.9	104.32	-776.9	1,817.3	170.5	86.1	84.49	2.019					
7,200.0	6,793.3	7,186.6	6,805.1	43.6	42.8	107.66	-777.1	1,807.7	173.5	88.9	84.61	2.051					
7,250.0	6,837.9	7,239.9	6,856.6	43.5	42.7	110.82	-777.2	1,794.1	177.0	92.8	84.27	2.101					
7,300.0	6,880.9	7,294.1	6,907.8	43.3	42.6	113.80	-777.4	1,776.4	181.0	97.4	83.51	2.167					
7,350.0	6,921.9	7,349.3	6,958.4	43.2	42.5	116.57	-777.6	1,754.4	185.2	102.8	82.37	2.249					
7,400.0	6,960.9	7,405.3	7,007.9	43.0	42.3	119.12	-777.9	1,728.2	189.7	108.8	80.90	2.345					
7,450.0	6,997.6	7,462.3	7,056.0	42.9	42.2	121.46	-778.3	1,697.6	194.3	115.1	79.18	2.453					
7,500.0	7,031.8	7,520.2	7,102.2	42.8	42.0	123.57	-778.6	1,662.7	198.9	121.6	77.27	2.574					
7,550.0	7,063.4	7,579.1	7,146.1	42.7	41.8	125.46	-779.1	1,623.6	203.4	128.1	75.25	2.703					
7,600.0	7,092.2	7,638.8	7,187.2	42.6	41.7	127.13	-779.6	1,580.3	207.7	134.6	73.17	2.839					
7,650.0	7,118.1	7,699.3	7,225.0	42.5	41.6	128.60	-780.1	1,533.1	211.8	140.7	71.11	2.978					
7,700.0	7,140.9	7,760.6	7,259.2	42.5	41.5	129.85	-780.6	1,482.3	215.5	146.3	69.14	3.116					
7,750.0	7,160.6	7,822.5	7,289.1	42.5	41.5	130.90	-781.2	1,428.1	218.7	151.4	67.31	3.249					
7,800.0	7,177.0	7,885.1	7,314.5	42.5	41.5	131.75	-781.9	1,370.9	221.5	155.8	65.68	3.372					
7,850.0	7,190.1	7,948.1	7,334.9	42.6	41.5	132.40	-782.5	1,311.3	223.6	159.3	64.29	3.479					
7,900.0	7,199.8	8,011.6	7,350.1	42.6	41.7	132.86	-783.2	1,249.7	225.2	162.0	63.19	3.564					
7,950.0	7,206.1	8,075.2	7,359.8	42.8	41.8	133.13	-783.9	1,186.8	226.2	163.7	62.41	3.624					
8,000.0	7,208.9	8,139.1	7,363.9	42.9	42.0	133.21	-784.6	1,123.1	226.4	164.5	61.94	3.655					
8,010.6	7,209.0	8,152.5	7,364.0	42.9	42.1	133.20	-784.7	1,109.7	226.4	164.5	61.89	3.659					
8,010.7	7,209.0	8,152.6	7,364.0	42.9	42.1	133.20	-784.7	1,109.6	226.4	164.5	61.89	3.658					
8,011.3	7,209.0	8,153.2	7,364.0	42.9	42.1	133.20	-784.7	1,109.0	226.4	164.5	61.90	3.658					
8,100.0	7,209.5	8,241.9	7,364.1	43.2	42.5	133.12	-785.7	1,020.3	226.1	163.0	63.08	3.585					
8,200.0	7,210.1	8,341.9	7,364.2	43.8	43.1	133.03	-786.8	920.3	225.8	161.2	64.64	3.493					
8,300.0	7,210.7	8,441.9	7,364.3	44.4	43.9	132.95	-787.9	820.3	225.5	159.0	66.43	3.394					
8,400.0	7,211.2	8,541.9	7,364.4	45.3	44.8	132.86	-789.0	720.3	225.1	156.7	68.44	3.289					

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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.0	7,211.8	8,641.9	7,364.5	46.3	45.9	132.77	-790.1	620.3	224.8	154.1	70.66	3.182		
8,600.0	7,212.4	8,741.9	7,364.6	47.5	47.2	132.68	-791.2	520.4	224.5	151.4	73.06	3.072		
8,700.0	7,213.0	8,841.9	7,364.7	48.8	48.6	132.59	-792.3	420.4	224.2	148.5	75.64	2.963		
8,800.0	7,213.6	8,941.9	7,364.8	50.2	50.1	132.50	-793.4	320.4	223.8	145.5	78.37	2.856		
8,900.0	7,214.1	9,041.9	7,364.9	51.8	51.7	132.40	-794.5	220.4	223.5	142.3	81.25	2.751		
9,000.0	7,214.7	9,141.9	7,365.0	53.5	53.5	132.31	-795.6	120.4	223.2	138.9	84.25	2.649		
9,100.0	7,215.3	9,241.9	7,365.0	55.3	55.3	132.22	-796.7	20.4	222.9	135.5	87.38	2.550		
9,200.0	7,215.9	9,341.9	7,365.1	57.2	57.3	132.13	-797.8	-79.6	222.5	131.9	90.61	2.456		
9,300.0	7,216.4	9,441.9	7,365.2	59.2	59.3	132.04	-798.9	-179.6	222.2	128.3	93.94	2.366		
9,400.0	7,217.0	9,541.9	7,365.3	61.3	61.4	131.95	-800.0	-279.6	221.9	124.5	97.35	2.279		
9,500.0	7,217.6	9,641.9	7,365.4	63.4	63.5	131.85	-801.1	-379.6	221.6	120.7	100.85	2.197		
9,600.0	7,218.2	9,741.9	7,365.5	65.6	65.7	131.76	-802.2	-479.6	221.2	116.8	104.42	2.119		
9,700.0	7,218.8	9,841.9	7,365.6	67.8	68.0	131.67	-803.3	-579.6	220.9	112.9	108.07	2.044		
9,800.0	7,219.3	9,941.9	7,365.7	70.1	70.3	131.58	-804.4	-679.6	220.6	108.8	111.77	1.974		
9,900.0	7,219.9	10,041.9	7,365.8	72.5	72.6	131.48	-805.5	-779.6	220.3	104.7	115.54	1.907		
10,000.0	7,220.5	10,141.9	7,365.9	74.8	75.0	131.39	-806.6	-879.5	220.0	100.6	119.36	1.843		
10,100.0	7,221.1	10,241.9	7,366.0	77.2	77.4	131.29	-807.7	-979.5	219.6	96.4	123.22	1.782		
10,200.0	7,221.6	10,341.9	7,366.1	79.6	79.8	131.20	-808.8	-1,079.5	219.3	92.2	127.14	1.725		
10,300.0	7,222.2	10,441.9	7,366.2	82.1	82.3	131.11	-809.9	-1,179.5	219.0	87.9	131.10	1.671		
10,400.0	7,222.8	10,541.9	7,366.3	84.6	84.8	131.01	-811.0	-1,279.5	218.7	83.6	135.10	1.619		
10,500.0	7,223.4	10,641.9	7,366.4	87.1	87.3	130.92	-812.1	-1,379.5	218.4	79.2	139.14	1.569		
10,600.0	7,223.9	10,741.9	7,366.5	89.6	89.8	130.82	-813.2	-1,479.5	218.1	74.8	143.22	1.523		
10,700.0	7,224.5	10,841.9	7,366.6	92.1	92.3	130.72	-814.3	-1,579.5	217.7	70.4	147.33	1.478 Level 3		
10,800.0	7,225.1	10,941.9	7,366.7	94.7	94.9	130.63	-815.4	-1,679.5	217.4	66.0	151.47	1.435 Level 3		
10,900.0	7,225.7	11,041.9	7,366.8	97.2	97.5	130.53	-816.5	-1,779.5	217.1	61.5	155.65	1.395 Level 3		
11,000.0	7,226.3	11,141.9	7,366.9	99.8	100.0	130.44	-817.6	-1,879.5	216.8	57.0	159.85	1.356 Level 3		
11,100.0	7,226.8	11,241.9	7,367.0	102.4	102.6	130.34	-818.7	-1,979.5	216.5	52.4	164.09	1.319 Level 3		
11,200.0	7,227.4	11,341.9	7,367.1	105.0	105.2	130.24	-819.8	-2,079.5	216.2	47.8	168.35	1.284 Level 3		
11,300.0	7,228.0	11,441.9	7,367.2	107.6	107.9	130.14	-820.9	-2,179.5	215.9	43.2	172.63	1.250 Level 3		
11,400.0	7,228.6	11,541.9	7,367.3	110.3	110.5	130.05	-822.0	-2,279.4	215.6	38.6	176.94	1.218 Level 2		
11,500.0	7,229.1	11,641.9	7,367.4	112.9	113.1	129.95	-823.1	-2,379.4	215.3	34.0	181.28	1.187 Level 2		
11,600.0	7,229.7	11,741.9	7,367.5	115.5	115.8	129.85	-824.2	-2,479.4	214.9	29.3	185.64	1.158 Level 2		
11,700.0	7,230.3	11,841.9	7,367.6	118.2	118.4	129.75	-825.3	-2,579.4	214.6	24.6	190.02	1.130 Level 2		
11,800.0	7,230.9	11,941.9	7,367.6	120.9	121.1	129.65	-826.4	-2,679.4	214.3	19.9	194.43	1.102 Level 2		
11,900.0	7,231.5	12,041.9	7,367.7	123.5	123.7	129.56	-827.5	-2,779.4	214.0	15.2	198.85	1.076 Level 2		
12,000.0	7,232.0	12,141.9	7,367.8	126.2	126.4	129.46	-828.6	-2,879.4	213.7	10.4	203.30	1.051 Level 2		
12,100.0	7,232.6	12,241.9	7,367.9	128.9	129.1	129.36	-829.7	-2,979.4	213.4	5.6	207.76	1.027 Level 2		
12,200.0	7,233.2	12,341.9	7,368.0	131.6	131.8	129.26	-830.8	-3,079.4	213.1	0.9	212.25	1.004 Level 2		
12,300.0	7,233.8	12,441.9	7,368.1	134.2	134.5	129.16	-831.9	-3,179.4	212.8	-4.0	216.75	0.982 Level 1		
12,400.0	7,234.3	12,541.9	7,368.2	136.9	137.2	129.06	-833.0	-3,279.4	212.5	-8.8	221.27	0.960 Level 1		
12,500.0	7,234.9	12,641.9	7,368.3	139.6	139.8	128.95	-834.1	-3,379.4	212.2	-13.6	225.82	0.940 Level 1		
12,600.0	7,235.5	12,741.9	7,368.4	142.3	142.6	128.85	-835.2	-3,479.4	211.9	-18.5	230.38	0.920 Level 1		
12,700.0	7,236.1	12,841.9	7,368.5	145.0	145.3	128.75	-836.3	-3,579.4	211.6	-23.4	234.95	0.901 Level 1		
12,800.0	7,236.6	12,941.9	7,368.6	147.8	148.0	128.65	-837.4	-3,679.3	211.3	-28.3	239.55	0.882 Level 1		
12,900.0	7,237.2	13,041.9	7,368.7	150.5	150.7	128.55	-838.5	-3,779.3	211.0	-33.2	244.16	0.864 Level 1		
13,000.0	7,237.8	13,141.9	7,368.8	153.2	153.4	128.45	-839.6	-3,879.3	210.7	-38.1	248.79	0.847 Level 1		
13,100.0	7,238.4	13,241.9	7,368.9	155.9	156.1	128.34	-840.6	-3,979.3	210.4	-43.0	253.43	0.830 Level 1		
13,200.0	7,239.0	13,341.9	7,369.0	158.6	158.8	128.24	-841.7	-4,079.3	210.1	-48.0	258.09	0.814 Level 1		
13,300.0	7,239.5	13,441.9	7,369.1	161.4	161.6	128.14	-842.8	-4,179.3	209.8	-53.0	262.77	0.798 Level 1		
13,400.0	7,240.1	13,541.9	7,369.2	164.1	164.3	128.04	-843.9	-4,279.3	209.5	-58.0	267.46	0.783 Level 1		
13,500.0	7,240.7	13,641.9	7,369.3	166.8	167.0	127.93	-845.0	-4,379.3	209.2	-63.0	272.17	0.769 Level 1		
13,600.0	7,241.3	13,741.9	7,369.4	169.6	169.8	127.83	-846.1	-4,479.3	208.9	-68.0	276.90	0.754 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 X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.0	7,241.8	13,841.8	7,369.5	172.3	172.5	127.72	-847.2	-4,579.3	208.6	-73.0	281.63	0.741	Level 1	
13,800.0	7,242.4	13,941.8	7,369.6	175.0	175.2	127.62	-848.3	-4,679.3	208.3	-78.1	286.39	0.727	Level 1	
13,900.0	7,243.0	14,041.8	7,369.7	177.8	178.0	127.51	-849.4	-4,779.3	208.0	-83.1	291.16	0.714	Level 1	
14,000.0	7,243.6	14,141.8	7,369.8	180.5	180.7	127.41	-850.5	-4,879.3	207.7	-88.2	295.94	0.702	Level 1	
14,100.0	7,244.2	14,241.8	7,369.9	183.3	183.5	127.30	-851.6	-4,979.3	207.4	-93.3	300.74	0.690	Level 1	
14,200.0	7,244.7	14,341.8	7,370.0	186.0	186.2	127.20	-852.7	-5,079.2	207.1	-98.4	305.56	0.678	Level 1	
14,300.0	7,245.3	14,441.8	7,370.1	188.8	189.0	127.09	-853.8	-5,179.2	206.8	-103.5	310.38	0.666	Level 1	
14,400.0	7,245.9	14,541.8	7,370.2	191.5	191.7	126.99	-854.9	-5,279.2	206.6	-108.7	315.23	0.655	Level 1	
14,500.0	7,246.5	14,641.8	7,370.2	194.3	194.5	126.88	-856.0	-5,379.2	206.3	-113.8	320.08	0.644	Level 1	
14,600.0	7,247.0	14,741.8	7,370.3	197.0	197.2	126.77	-857.1	-5,479.2	206.0	-119.0	324.95	0.634	Level 1	
14,700.0	7,247.6	14,841.8	7,370.4	199.8	200.0	126.66	-858.2	-5,579.2	205.7	-124.2	329.84	0.624	Level 1	
14,800.0	7,248.2	14,941.8	7,370.5	202.5	202.7	126.56	-859.3	-5,679.2	205.4	-129.3	334.74	0.614	Level 1	
14,900.0	7,248.8	15,041.8	7,370.6	205.3	205.5	126.45	-860.4	-5,779.2	205.1	-134.5	339.65	0.604	Level 1	
15,000.0	7,249.4	15,141.8	7,370.7	208.1	208.3	126.34	-861.5	-5,879.2	204.8	-139.7	344.57	0.594	Level 1	
15,100.0	7,249.9	15,241.8	7,370.8	210.8	211.0	126.23	-862.6	-5,979.2	204.5	-145.0	349.51	0.585	Level 1	
15,200.0	7,250.5	15,341.8	7,370.9	213.6	213.8	126.12	-863.7	-6,079.2	204.3	-150.2	354.47	0.576	Level 1	
15,300.0	7,251.1	15,441.8	7,371.0	216.3	216.6	126.02	-864.8	-6,179.2	204.0	-155.5	359.44	0.567	Level 1	
15,400.0	7,251.7	15,541.8	7,371.1	219.1	219.3	125.91	-865.9	-6,279.2	203.7	-160.7	364.42	0.559	Level 1	
15,500.0	7,252.2	15,641.8	7,371.2	221.9	222.1	125.80	-867.0	-6,379.1	203.4	-166.0	369.41	0.551	Level 1	
15,600.0	7,252.8	15,741.8	7,371.3	224.6	224.9	125.69	-868.1	-6,479.1	203.1	-171.3	374.42	0.543	Level 1	
15,700.0	7,253.4	15,841.8	7,371.4	227.4	227.6	125.58	-869.2	-6,579.1	202.8	-176.6	379.44	0.535	Level 1	
15,800.0	7,254.0	15,941.8	7,371.5	230.2	230.4	125.47	-870.3	-6,679.1	202.6	-181.9	384.47	0.527	Level 1	
15,900.0	7,254.5	16,041.8	7,371.6	233.0	233.2	125.35	-871.4	-6,779.1	202.3	-187.2	389.52	0.519	Level 1	
16,000.0	7,255.1	16,141.8	7,371.7	235.7	235.9	125.24	-872.5	-6,879.1	202.0	-192.6	394.58	0.512	Level 1	
16,100.0	7,255.7	16,241.8	7,371.8	238.5	238.7	125.13	-873.6	-6,979.1	201.7	-197.9	399.65	0.505	Level 1	
16,200.0	7,256.3	16,341.8	7,371.9	241.3	241.5	125.02	-874.7	-7,079.1	201.5	-203.3	404.74	0.498	Level 1	
16,300.0	7,256.9	16,441.8	7,372.0	244.0	244.2	124.91	-875.8	-7,179.1	201.2	-208.7	409.83	0.491	Level 1	
16,400.0	7,257.4	16,541.8	7,372.1	246.8	247.0	124.80	-876.9	-7,279.1	200.9	-214.0	414.95	0.484	Level 1	
16,500.0	7,258.0	16,641.8	7,372.2	249.6	249.8	124.68	-878.0	-7,379.1	200.6	-219.4	420.07	0.478	Level 1	
16,600.0	7,258.6	16,741.8	7,372.3	252.4	252.6	124.57	-879.1	-7,479.1	200.4	-224.9	425.21	0.471	Level 1	
16,700.0	7,259.2	16,841.8	7,372.4	255.2	255.4	124.46	-880.2	-7,579.1	200.1	-230.3	430.36	0.465	Level 1	
16,800.0	7,259.7	16,941.8	7,372.5	257.9	258.1	124.34	-881.3	-7,679.1	199.8	-235.7	435.52	0.459	Level 1	
16,900.0	7,260.3	17,041.8	7,372.6	260.7	260.9	124.23	-882.4	-7,779.0	199.5	-241.2	440.70	0.453	Level 1	
17,000.0	7,260.9	17,141.8	7,372.7	263.5	263.7	124.12	-883.5	-7,879.0	199.3	-246.6	445.88	0.447	Level 1	
17,100.0	7,261.5	17,241.8	7,372.8	266.3	266.5	124.00	-884.6	-7,979.0	199.0	-252.1	451.08	0.441	Level 1	
17,200.0	7,262.1	17,341.8	7,372.8	269.0	269.2	123.89	-885.7	-8,079.0	198.7	-257.6	456.30	0.436	Level 1	
17,300.0	7,262.6	17,441.8	7,372.9	271.8	272.0	123.77	-886.8	-8,179.0	198.5	-263.1	461.52	0.430	Level 1	
17,400.0	7,263.2	17,541.8	7,373.0	274.6	274.8	123.66	-887.9	-8,279.0	198.2	-268.6	466.76	0.425	Level 1	
17,500.0	7,263.8	17,641.8	7,373.1	277.4	277.6	123.54	-889.0	-8,379.0	197.9	-274.1	472.01	0.419	Level 1	
17,600.0	7,264.4	17,741.8	7,373.2	280.2	280.4	123.42	-890.1	-8,479.0	197.7	-279.6	477.27	0.414	Level 1	
17,700.0	7,264.9	17,841.8	7,373.3	283.0	283.2	123.31	-891.2	-8,579.0	197.4	-285.2	482.54	0.409	Level 1	
17,800.0	7,265.5	17,941.8	7,373.4	285.7	285.9	123.19	-892.3	-8,679.0	197.1	-290.7	487.83	0.404	Level 1	
17,900.0	7,266.1	18,041.8	7,373.5	288.5	288.7	123.07	-893.4	-8,779.0	196.9	-296.3	493.13	0.399	Level 1	
18,000.0	7,266.7	18,141.8	7,373.6	291.3	291.5	122.96	-894.5	-8,879.0	196.6	-301.8	498.44	0.394	Level 1	
18,100.0	7,267.2	18,241.8	7,373.7	294.1	294.3	122.84	-895.6	-8,979.0	196.3	-307.4	503.76	0.390	Level 1	
18,200.0	7,267.8	18,341.8	7,373.8	296.9	297.1	122.72	-896.7	-9,079.0	196.1	-313.0	509.10	0.385	Level 1	
18,300.0	7,268.4	18,441.8	7,373.9	299.7	299.9	122.60	-897.8	-9,178.9	195.8	-318.6	514.44	0.381	Level 1	
18,375.0	7,268.8	18,516.7	7,374.0	301.8	302.0	122.51	-898.6	-9,253.9	195.6	-322.8	518.46	0.377	Level 1	
18,403.5	7,269.0	18,537.6	7,374.0	302.6	302.5	122.49	-898.8	-9,274.8	195.7	-324.1	519.76	0.377	Level 1, ES, SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 917-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-95.29	-49.5	-534.8	537.1					
100.0	100.0	94.5	94.5	0.1	0.1	-95.29	-49.5	-534.7	537.0	536.8	0.22	2,451.387		
200.0	200.0	195.1	195.1	0.3	0.2	-95.28	-49.4	-534.6	536.8	536.3	0.56	963.657		
209.4	209.4	204.5	204.5	0.4	0.2	147.40	-49.3	-534.6	536.8	536.3	0.59	914.655		
300.0	300.0	295.6	295.6	0.5	0.3	147.49	-49.1	-534.3	537.7	536.8	0.88	610.667		
400.0	399.9	396.1	396.1	0.8	0.4	147.73	-48.8	-534.0	540.7	539.5	1.21	447.928		
500.0	499.7	496.4	496.4	1.0	0.6	148.09	-48.4	-533.6	545.8	544.2	1.55	352.228		
600.0	599.3	596.6	596.6	1.3	0.7	148.59	-47.8	-533.1	553.0	551.1	1.91	290.152		
700.0	698.6	696.4	696.4	1.5	0.8	149.20	-47.2	-532.5	562.5	560.2	2.28	246.990		
800.0	797.5	796.0	796.0	1.9	0.9	149.92	-46.5	-531.8	574.1	571.5	2.66	215.471		
900.0	896.1	895.2	895.1	2.2	1.0	150.71	-45.7	-531.0	588.1	585.0	3.07	191.625		
1,000.0	994.2	993.4	993.4	2.6	1.2	151.56	-45.1	-530.2	604.4	600.9	3.54	170.778		
1,100.0	1,091.7	1,086.0	1,086.0	3.1	1.4	152.33	-45.1	-529.7	623.5	619.4	4.02	155.153		
1,200.0	1,188.6	1,181.9	1,181.9	3.6	1.5	153.15	-45.4	-529.8	645.6	641.1	4.52	142.713		
1,300.0	1,284.9	1,277.6	1,277.5	4.1	1.7	153.99	-45.7	-529.9	670.2	665.2	5.04	132.873		
1,400.0	1,380.4	1,373.9	1,373.9	4.7	1.9	154.85	-46.0	-530.1	697.3	691.8	5.57	125.164		
1,500.0	1,475.0	1,468.8	1,468.8	5.4	2.1	155.69	-46.5	-530.2	726.8	720.7	6.11	118.943		
1,600.0	1,568.9	1,564.4	1,564.4	6.1	2.3	156.50	-47.5	-530.2	758.7	752.1	6.66	113.925		
1,700.0	1,661.7	1,658.1	1,658.1	6.8	2.5	157.18	-49.8	-530.2	792.9	785.7	7.21	109.924		
9,000.0	7,214.7	7,244.8	7,212.9	53.5	16.2	90.13	-481.7	-427.8	729.2	661.9	67.24	10.844		
9,100.0	7,215.3	7,245.8	7,213.9	55.3	16.2	90.24	-481.8	-427.8	657.9	588.7	69.20	9.506		
9,200.0	7,215.9	7,246.7	7,214.9	57.2	16.2	90.36	-481.8	-427.8	594.9	523.6	71.23	8.351		
9,300.0	7,216.4	7,247.7	7,215.9	59.2	16.2	90.48	-481.8	-427.8	543.1	469.7	73.33	7.406		
9,400.0	7,217.0	7,248.7	7,216.9	61.3	16.2	90.59	-481.8	-427.8	506.0	430.5	75.48	6.703		
9,500.0	7,217.6	7,249.7	7,217.9	63.4	16.2	90.71	-481.8	-427.8	486.9	409.2	77.69	6.267		
9,544.6	7,217.9	7,250.2	7,218.3	64.4	16.2	90.76	-481.8	-427.8	484.9	406.2	78.70	6.161 CC, ES		
9,600.0	7,218.2	7,250.7	7,218.9	65.6	16.2	90.83	-481.8	-427.8	488.0	408.1	79.94	6.105 SF		
9,700.0	7,218.8	7,251.7	7,219.9	67.8	16.2	90.95	-481.8	-427.9	509.1	426.9	82.24	6.191		
9,800.0	7,219.3	7,252.7	7,220.9	70.1	16.2	91.07	-481.8	-427.9	548.0	463.4	84.57	6.480		
9,900.0	7,219.9	7,253.7	7,221.9	72.5	16.2	91.19	-481.9	-427.9	601.1	514.2	86.93	6.915		
10,000.0	7,220.5	7,254.7	7,222.9	74.8	16.2	91.30	-481.9	-427.9	665.1	575.8	89.33	7.446		
10,100.0	7,221.1	7,255.8	7,223.9	77.2	16.2	91.42	-481.9	-427.9	737.2	645.5	91.75	8.035		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Offset Design		G & D HANKS 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	-98.26	-72.1	-496.7	501.9						
100.0	100.0	94.2	94.2	0.1	0.1	-98.27	-72.2	-496.6	501.9	501.6	0.22	2,297.108			
200.0	200.0	194.5	194.5	0.3	0.2	-98.28	-72.2	-496.6	501.8	501.2	0.56	902.668			
204.9	204.9	199.4	199.4	0.3	0.2	144.40	-72.2	-496.6	501.8	501.2	0.57	876.993	CC, ES		
300.0	300.0	294.8	294.8	0.5	0.3	144.46	-72.4	-496.4	502.7	501.8	0.88	571.129			
400.0	399.9	395.0	395.0	0.8	0.4	144.67	-72.5	-496.2	505.7	504.5	1.21	419.089			
500.0	499.7	495.0	495.0	1.0	0.6	145.02	-72.8	-495.9	510.9	509.3	1.55	329.610			
600.0	599.3	594.9	594.9	1.3	0.7	145.51	-73.0	-495.6	518.1	516.2	1.91	271.523			
700.0	698.6	694.6	694.6	1.5	0.8	146.11	-73.4	-495.2	527.5	525.2	2.28	231.107			
800.0	797.5	793.9	793.9	1.9	0.9	146.82	-73.7	-494.8	539.1	536.4	2.67	201.573			
900.0	896.1	892.8	892.8	2.2	1.0	147.62	-74.2	-494.3	552.9	549.8	3.09	178.867			
1,000.0	994.2	991.4	991.4	2.6	1.2	148.48	-74.7	-493.7	569.1	565.4	3.61	157.839			
1,100.0	1,091.7	1,092.4	1,092.3	3.1	1.5	149.42	-75.5	-493.0	587.4	583.3	4.14	142.025			
1,200.0	1,188.6	1,208.3	1,208.3	3.6	1.7	150.60	-76.1	-490.0	606.4	601.7	4.69	129.230			
1,300.0	1,284.9	1,333.7	1,333.3	4.1	2.0	152.07	-75.4	-482.0	624.2	618.9	5.26	118.638			
1,400.0	1,380.4	1,447.4	1,446.4	4.7	2.3	153.66	-72.3	-470.5	640.8	635.0	5.81	110.268			
1,500.0	1,475.0	1,570.5	1,568.3	5.4	2.6	155.65	-66.5	-454.0	657.1	650.7	6.39	102.869			
1,600.0	1,568.9	1,688.1	1,683.9	6.1	3.0	157.73	-59.2	-433.9	672.7	665.8	6.96	96.590			
1,700.0	1,661.7	1,796.7	1,790.1	6.8	3.4	159.79	-50.8	-412.5	689.1	681.6	7.54	91.420			
1,800.0	1,753.6	1,891.5	1,882.5	7.7	3.7	161.57	-43.5	-393.0	707.8	699.7	8.09	87.517			
1,812.9	1,765.4	1,903.3	1,894.1	7.8	3.7	161.79	-42.5	-390.6	710.5	702.3	8.16	87.096			
1,900.0	1,844.8	1,992.5	1,981.1	8.5	4.1	163.51	-35.6	-372.1	728.7	720.0	8.68	84.002			
2,000.0	1,936.1	2,085.4	2,071.6	9.4	4.5	165.17	-28.7	-352.5	749.9	740.6	9.25	81.032			
2,100.0	2,027.3	2,180.9	2,164.7	10.2	4.9	166.76	-22.1	-332.7	771.9	762.1	9.85	78.383			
2,200.0	2,118.5	2,268.7	2,250.5	11.1	5.2	168.19	-15.3	-314.6	794.8	784.4	10.43	76.189	SF		

Reference Depths are relative to WELL @ 4899.0ft (RKB - 25')	Coordinates are relative to: G & D Hanks X-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°



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well G & D Hanks X-27-28HN
Project:	SEC.27-T7N-R66W	TVD Reference:	WELL @ 4899.0ft (RKB - 25')
Reference Site:	G & D Hanks 27-N Pad Sec.27-T7N-R66W	MD Reference:	WELL @ 4899.0ft (RKB - 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	G & D Hanks X-27-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #1 (8-02-17)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4899.0ft (RKB - 25')

Offset Depths are relative to Offset Datum

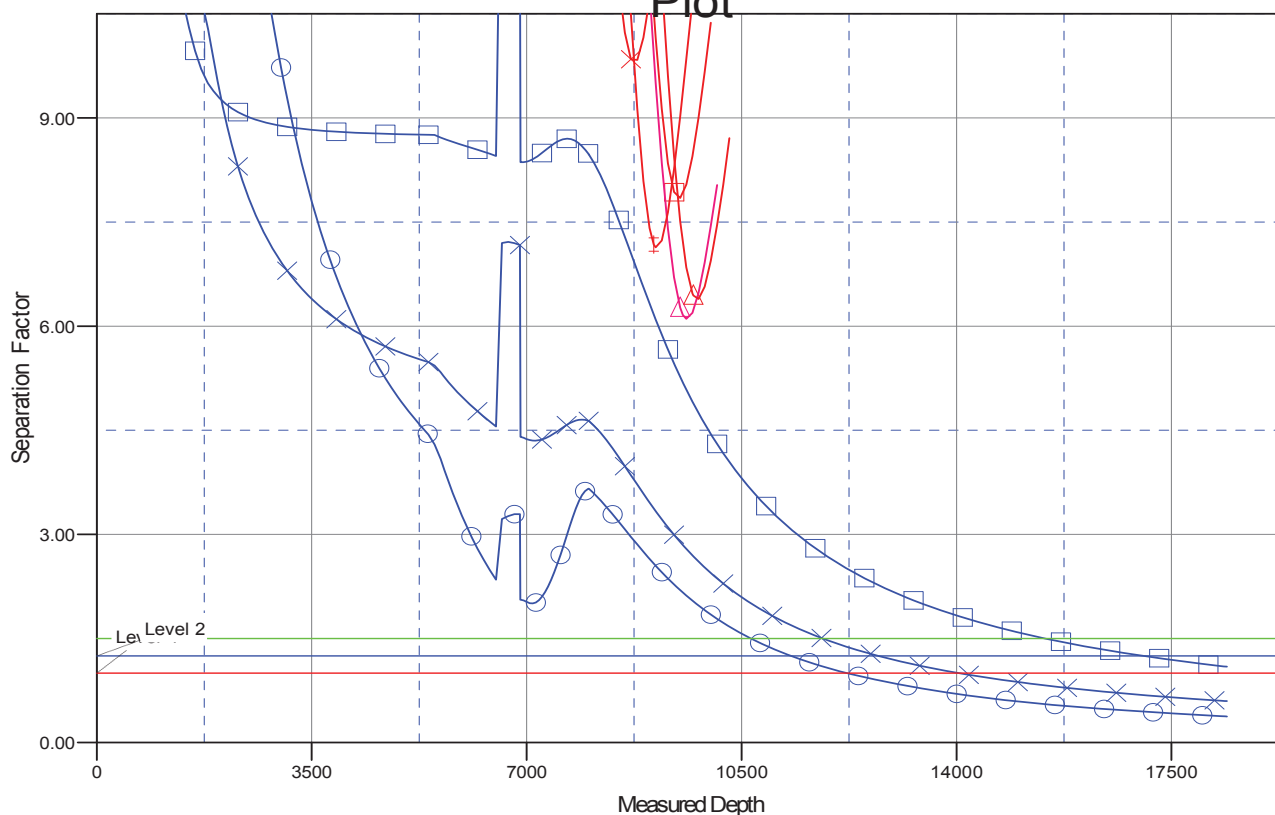
Central Meridian is -105.500000

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

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°

Separation Factor Plot



LEGEND

S 15-27, Wellbore #1, Wellbore #1 V0	G & D Hanks U-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks S-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0
S 20-27, Wellbore #1, Wellbore #1 V0	G & D Hanks M-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	Anderson 34R-223, Wellbore #1, Wellbore #1 V0
s Q-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks P-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	Anderson 34R-343, Wellbore #1, Wellbore #1 V0
s N-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks W-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	Anderson 34R-403, Wellbore #1, Wellbore #1 V0
s V-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks T-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	Anderson 34R-203, Wellbore #1, Wellbore #1 V0
s Q-27-28HC, Wellbore #1, Plan #1 (8-02-17) V0	G & D Hanks R-27-28HN, Wellbore #1, Plan #1 (8-02-17) V0	