

Bayswater Exploration & Production, LLC

Well Name: **Mojack J-28HN**

Surface Location: Mojack 28-C Pad (East) Sec.28-T7N-R64W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

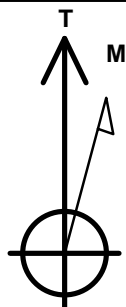
Ground Elevation: 4899.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1444862.89	3263539.60	40.550680	-104.551627	

RKB - 22.5' WELL @ 4921.5ft (RKB - 22.5')

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 230'FNL & 1788'FEL	1.0	0.0	0.0	Point
BHL 465'FSL & 2182'FEL	7078.0	-4599.9	-561.2	Point



Azimuths to True North
Magnetic North: 8.38°

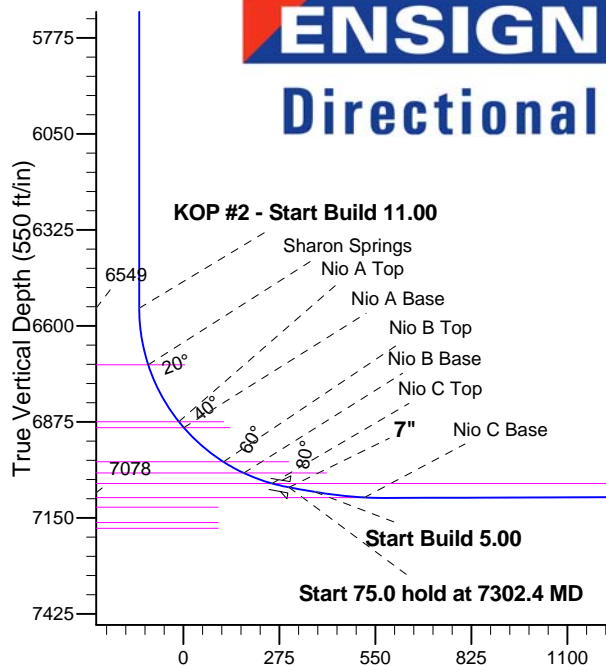
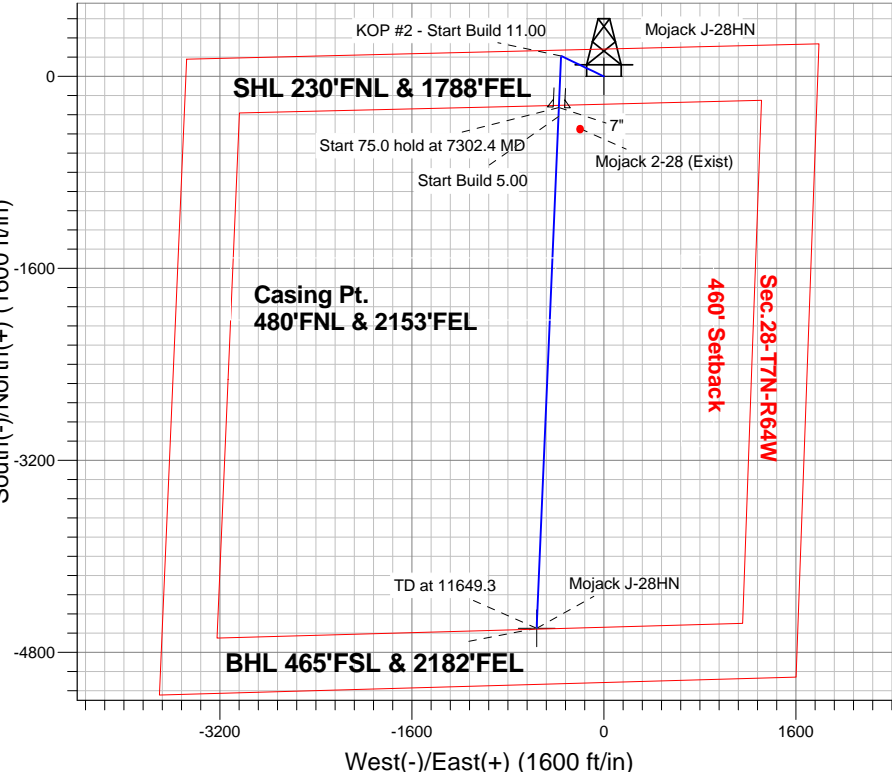
Magnetic Field
Strength: 52933.2snT
Dip Angle: 67.11°
Date: 4/14/2014
Model: IGRF2010

Mojack 28-C Pad (East) Sec.28-T7N-R64W
Mojack J-28HN
Plan #1 (4-14-14)
12:18, April 25 2014

ANNOTATIONS

TVD	MD	Annotation
1200.0	1200.0	KOP - Start Build 2.00
4114.2	4138.6	Start Drop -2.00
6549.5	6575.1	KOP #2 - Start Build 11.00
7062.5	7302.4	Start 75.0 hold at 7302.4 MD
7075.5	7377.4	Start Build 5.00
7078.0	11649.3	TD at 11649.3

South(-)/North(+) (1600 ft/in)



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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1586.9	7.74	295.58	1585.8	11.3	-23.5	2.00	295.58	-8.3	
4	4138.6	7.74	295.58	4114.2	159.6	-333.5	0.00	0.00	-118.1	
5	4525.6	0.00	0.00	4500.0	170.9	-357.0	2.00	180.00	-126.4	
6	6575.1	0.00	0.00	6549.5	170.9	-357.0	0.00	0.00	-126.4	
7	7302.4	80.00	182.45	7062.5	-259.1	-375.4	11.00	182.45	302.7	
8	7377.4	80.00	182.45	7075.5	-332.9	-378.6	0.00	0.00	376.3	
9	7581.6	90.21	182.45	7092.9	-535.9	-387.3	5.00	0.00	578.9	
10	11649.3	90.21	182.45	7078.0	-4599.9	-561.2	0.00	0.00	4634.0	BHL 465'FSL & 2182'FEL

BHL 465'FSL & 2182'FEL

TD at 11649.3

Vertical Section at 186.96° (550 ft/in)



Bayswater Exploration & Production, LLC

SEC.28-T7N-R64W

Mojack 28-C Pad (East) Sec.28-T7N-R64W

Mojack J-28HN

Wellbore #1

Plan: Plan #1 (4-14-14)

Standard Planning Report

24 April, 2014



Database:	Landmark	Local Co-ordinate Reference:	Well Mojack J-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-14-14)		

Project	SEC.28-T7N-R64W, Weld County, Colorado		
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						Mojack 28-C Pad (East) Sec.28-T7N-R64W											
Site Position:						Northing:			1,444,862.34 ft			Latitude:			40.550679		
From:			Lat/Long			Easting:			3,263,521.54 ft			Longitude:			-104.551692		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.61 °		

Well	Mojack J-28HN					
Well Position	+N/-S	0.4 ft	Northing:	1,444,862.89 ft	Latitude:	40.550680
	+E/-W	18.1 ft	Easting:	3,263,539.60 ft	Longitude:	-104.551627
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,899.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/14/2014	8.38	67.11	52,933

Design	Plan #1 (4-14-14)				
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	186.96	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,586.9	7.74	295.58	1,585.8	11.3	-23.5	2.00	2.00	0.00	295.58	
4,138.6	7.74	295.58	4,114.2	159.6	-333.5	0.00	0.00	0.00	0.00	
4,525.6	0.00	0.00	4,500.0	170.9	-357.0	2.00	-2.00	0.00	180.00	
6,575.1	0.00	0.00	6,549.5	170.9	-357.0	0.00	0.00	0.00	0.00	
7,302.4	80.00	182.45	7,062.5	-259.1	-375.4	11.00	11.00	0.00	182.45	
7,377.4	80.00	182.45	7,075.5	-332.9	-378.6	0.00	0.00	0.00	0.00	
7,581.6	90.21	182.45	7,092.9	-535.9	-387.3	5.00	5.00	0.00	0.00	
11,649.3	90.21	182.45	7,078.0	-4,599.9	-561.2	0.00	0.00	0.00	0.00	BHL 465'FSL & 21E

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Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-14-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 230°FNL & 1788°FEL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 2.00									
1,300.0	2.00	295.58	1,300.0	0.8	-1.6	-0.6	2.00	2.00	0.00
1,400.0	4.00	295.58	1,399.8	3.0	-6.3	-2.2	2.00	2.00	0.00
1,500.0	6.00	295.58	1,499.5	6.8	-14.2	-5.0	2.00	2.00	0.00
1,586.9	7.74	295.58	1,585.8	11.3	-23.5	-8.3	2.00	2.00	0.00
1,600.0	7.74	295.58	1,598.7	12.0	-25.1	-8.9	0.00	0.00	0.00
1,700.0	7.74	295.58	1,697.8	17.8	-37.3	-13.2	0.00	0.00	0.00
1,800.0	7.74	295.58	1,796.9	23.7	-49.4	-17.5	0.00	0.00	0.00
1,900.0	7.74	295.58	1,896.0	29.5	-61.6	-21.8	0.00	0.00	0.00
2,000.0	7.74	295.58	1,995.1	35.3	-73.7	-26.1	0.00	0.00	0.00
2,100.0	7.74	295.58	2,094.2	41.1	-85.9	-30.4	0.00	0.00	0.00
2,200.0	7.74	295.58	2,193.2	46.9	-98.0	-34.7	0.00	0.00	0.00
2,300.0	7.74	295.58	2,292.3	52.7	-110.1	-39.0	0.00	0.00	0.00
2,400.0	7.74	295.58	2,391.4	58.5	-122.3	-43.3	0.00	0.00	0.00
2,500.0	7.74	295.58	2,490.5	64.4	-134.4	-47.6	0.00	0.00	0.00
2,600.0	7.74	295.58	2,589.6	70.2	-146.6	-51.9	0.00	0.00	0.00
2,700.0	7.74	295.58	2,688.7	76.0	-158.7	-56.2	0.00	0.00	0.00
2,800.0	7.74	295.58	2,787.8	81.8	-170.9	-60.5	0.00	0.00	0.00
2,900.0	7.74	295.58	2,886.9	87.6	-183.0	-64.8	0.00	0.00	0.00
3,000.0	7.74	295.58	2,986.0	93.4	-195.2	-69.1	0.00	0.00	0.00
3,100.0	7.74	295.58	3,085.0	99.2	-207.3	-73.4	0.00	0.00	0.00
3,200.0	7.74	295.58	3,184.1	105.1	-219.5	-77.7	0.00	0.00	0.00
3,300.0	7.74	295.58	3,283.2	110.9	-231.6	-82.0	0.00	0.00	0.00
3,400.0	7.74	295.58	3,382.3	116.7	-243.7	-86.3	0.00	0.00	0.00
3,500.0	7.74	295.58	3,481.4	122.5	-255.9	-90.6	0.00	0.00	0.00
3,600.0	7.74	295.58	3,580.5	128.3	-268.0	-94.9	0.00	0.00	0.00
3,700.0	7.74	295.58	3,679.6	134.1	-280.2	-99.2	0.00	0.00	0.00
3,800.0	7.74	295.58	3,778.7	139.9	-292.3	-103.5	0.00	0.00	0.00
3,838.2	7.74	295.58	3,816.5	142.2	-297.0	-105.2	0.00	0.00	0.00
Parkman									
3,900.0	7.74	295.58	3,877.8	145.8	-304.5	-107.8	0.00	0.00	0.00
4,000.0	7.74	295.58	3,976.8	151.6	-316.6	-112.1	0.00	0.00	0.00
4,100.0	7.74	295.58	4,075.9	157.4	-328.8	-116.4	0.00	0.00	0.00
4,138.6	7.74	295.58	4,114.2	159.6	-333.5	-118.1	0.00	0.00	0.00
Start Drop -2.00									
4,200.0	6.51	295.58	4,175.1	162.9	-340.3	-120.5	2.00	-2.00	0.00
4,300.0	4.51	295.58	4,274.6	167.1	-349.0	-123.6	2.00	-2.00	0.00
4,400.0	2.51	295.58	4,374.4	169.7	-354.5	-125.5	2.00	-2.00	0.00
4,500.0	0.51	295.58	4,474.4	170.9	-356.9	-126.4	2.00	-2.00	0.00

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Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-14-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,525.6	0.00	0.00	4,500.0	170.9	-357.0	-126.4	2.00	-2.00	0.00
4,600.0	0.00	0.00	4,574.4	170.9	-357.0	-126.4	0.00	0.00	0.00
4,603.1	0.00	0.00	4,577.5	170.9	-357.0	-126.4	0.00	0.00	0.00
Sussex									
4,700.0	0.00	0.00	4,674.4	170.9	-357.0	-126.4	0.00	0.00	0.00
4,800.0	0.00	0.00	4,774.4	170.9	-357.0	-126.4	0.00	0.00	0.00
4,900.0	0.00	0.00	4,874.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,000.0	0.00	0.00	4,974.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,100.0	0.00	0.00	5,074.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,169.1	0.00	0.00	5,143.5	170.9	-357.0	-126.4	0.00	0.00	0.00
Shannon									
5,200.0	0.00	0.00	5,174.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,300.0	0.00	0.00	5,274.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,400.0	0.00	0.00	5,374.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,500.0	0.00	0.00	5,474.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,600.0	0.00	0.00	5,574.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,700.0	0.00	0.00	5,674.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,800.0	0.00	0.00	5,774.4	170.9	-357.0	-126.4	0.00	0.00	0.00
5,900.0	0.00	0.00	5,874.4	170.9	-357.0	-126.4	0.00	0.00	0.00
6,000.0	0.00	0.00	5,974.4	170.9	-357.0	-126.4	0.00	0.00	0.00
6,100.0	0.00	0.00	6,074.4	170.9	-357.0	-126.4	0.00	0.00	0.00
6,200.0	0.00	0.00	6,174.4	170.9	-357.0	-126.4	0.00	0.00	0.00
6,300.0	0.00	0.00	6,274.4	170.9	-357.0	-126.4	0.00	0.00	0.00
6,400.0	0.00	0.00	6,374.4	170.9	-357.0	-126.4	0.00	0.00	0.00
6,500.0	0.00	0.00	6,474.4	170.9	-357.0	-126.4	0.00	0.00	0.00
6,575.1	0.00	0.00	6,549.5	170.9	-357.0	-126.4	0.00	0.00	0.00
KOP #2 - Start Build 11.00									
6,600.0	2.74	182.45	6,574.4	170.3	-357.0	-125.8	10.99	10.99	0.00
6,700.0	13.74	182.45	6,673.2	156.0	-357.6	-111.6	11.00	11.00	0.00
6,739.8	18.12	182.45	6,711.5	145.1	-358.1	-100.7	11.00	11.00	0.00
Sharon Springs									
6,800.0	24.74	182.45	6,767.5	123.1	-359.0	-78.8	11.00	11.00	0.00
6,900.0	35.74	182.45	6,853.7	72.9	-361.2	-28.6	11.00	11.00	0.00
6,926.0	38.60	182.45	6,874.5	57.2	-361.9	-13.0	11.00	11.00	0.00
Nio A Top									
6,948.2	41.04	182.45	6,891.5	43.0	-362.5	1.2	11.00	11.00	0.00
Nio A Base									
7,000.0	46.74	182.45	6,928.8	7.2	-364.0	37.0	11.00	11.00	0.00
7,099.1	57.64	182.45	6,989.5	-70.9	-367.4	114.9	11.00	11.00	0.00
Nio B Top									
7,100.0	57.74	182.45	6,990.0	-71.7	-367.4	115.7	11.00	11.00	0.00
7,165.8	64.98	182.45	7,021.5	-129.4	-369.9	173.2	11.00	11.00	0.00
Nio B Base									
7,200.0	68.74	182.45	7,034.9	-160.8	-371.2	204.5	11.00	11.00	0.00
7,252.6	74.52	182.45	7,051.5	-210.6	-373.3	254.3	11.00	11.00	0.00
Nio C Top									
7,300.0	79.74	182.45	7,062.1	-256.8	-375.3	300.3	11.00	11.00	0.00
7,302.4	80.00	182.45	7,062.5	-259.1	-375.4	302.7	10.96	10.96	0.00
Start 75.0 hold at 7302.4 MD - 7"									
7,377.4	80.00	182.45	7,075.5	-332.9	-378.6	376.3	0.00	0.00	0.00
Start Build 5.00									
7,400.0	81.13	182.45	7,079.2	-355.2	-379.5	398.5	5.00	5.00	0.00

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Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-14-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,500.0	86.13	182.45	7,090.3	-454.5	-383.8	497.6	5.00	5.00	0.00
7,520.4	87.15	182.45	7,091.5	-474.8	-384.6	517.9	5.00	5.00	0.00
Nio C Base									
7,581.6	90.21	182.45	7,092.9	-535.9	-387.3	578.9	5.00	5.00	0.00
7,600.0	90.21	182.45	7,092.8	-554.3	-388.0	597.2	0.00	0.00	0.00
7,700.0	90.21	182.45	7,092.5	-654.2	-392.3	696.9	0.00	0.00	0.00
7,800.0	90.21	182.45	7,092.1	-754.1	-396.6	796.6	0.00	0.00	0.00
7,900.0	90.21	182.45	7,091.7	-854.0	-400.9	896.3	0.00	0.00	0.00
8,000.0	90.21	182.45	7,091.4	-953.9	-405.1	996.0	0.00	0.00	0.00
8,100.0	90.21	182.45	7,091.0	-1,053.9	-409.4	1,095.7	0.00	0.00	0.00
8,200.0	90.21	182.45	7,090.6	-1,153.8	-413.7	1,195.4	0.00	0.00	0.00
8,300.0	90.21	182.45	7,090.3	-1,253.7	-418.0	1,295.1	0.00	0.00	0.00
8,400.0	90.21	182.45	7,089.9	-1,353.6	-422.2	1,394.7	0.00	0.00	0.00
8,500.0	90.21	182.45	7,089.5	-1,453.5	-426.5	1,494.4	0.00	0.00	0.00
8,600.0	90.21	182.45	7,089.2	-1,553.4	-430.8	1,594.1	0.00	0.00	0.00
8,700.0	90.21	182.45	7,088.8	-1,653.3	-435.1	1,693.8	0.00	0.00	0.00
8,800.0	90.21	182.45	7,088.4	-1,753.2	-439.3	1,793.5	0.00	0.00	0.00
8,900.0	90.21	182.45	7,088.1	-1,853.1	-443.6	1,893.2	0.00	0.00	0.00
9,000.0	90.21	182.45	7,087.7	-1,953.0	-447.9	1,992.9	0.00	0.00	0.00
9,100.0	90.21	182.45	7,087.3	-2,052.9	-452.2	2,092.6	0.00	0.00	0.00
9,200.0	90.21	182.45	7,087.0	-2,152.8	-456.5	2,192.3	0.00	0.00	0.00
9,300.0	90.21	182.45	7,086.6	-2,252.7	-460.7	2,292.0	0.00	0.00	0.00
9,400.0	90.21	182.45	7,086.2	-2,352.7	-465.0	2,391.7	0.00	0.00	0.00
9,500.0	90.21	182.45	7,085.9	-2,452.6	-469.3	2,491.3	0.00	0.00	0.00
9,600.0	90.21	182.45	7,085.5	-2,552.5	-473.6	2,591.0	0.00	0.00	0.00
9,700.0	90.21	182.45	7,085.1	-2,652.4	-477.8	2,690.7	0.00	0.00	0.00
9,800.0	90.21	182.45	7,084.8	-2,752.3	-482.1	2,790.4	0.00	0.00	0.00
9,900.0	90.21	182.45	7,084.4	-2,852.2	-486.4	2,890.1	0.00	0.00	0.00
10,000.0	90.21	182.45	7,084.0	-2,952.1	-490.7	2,989.8	0.00	0.00	0.00
10,100.0	90.21	182.45	7,083.7	-3,052.0	-494.9	3,089.5	0.00	0.00	0.00
10,200.0	90.21	182.45	7,083.3	-3,151.9	-499.2	3,189.2	0.00	0.00	0.00
10,300.0	90.21	182.45	7,082.9	-3,251.8	-503.5	3,288.9	0.00	0.00	0.00
10,400.0	90.21	182.45	7,082.6	-3,351.7	-507.8	3,388.6	0.00	0.00	0.00
10,500.0	90.21	182.45	7,082.2	-3,451.6	-512.0	3,488.2	0.00	0.00	0.00
10,600.0	90.21	182.45	7,081.8	-3,551.6	-516.3	3,587.9	0.00	0.00	0.00
10,700.0	90.21	182.45	7,081.5	-3,651.5	-520.6	3,687.6	0.00	0.00	0.00
10,800.0	90.21	182.45	7,081.1	-3,751.4	-524.9	3,787.3	0.00	0.00	0.00
10,900.0	90.21	182.45	7,080.7	-3,851.3	-529.1	3,887.0	0.00	0.00	0.00
11,000.0	90.21	182.45	7,080.4	-3,951.2	-533.4	3,986.7	0.00	0.00	0.00
11,100.0	90.21	182.45	7,080.0	-4,051.1	-537.7	4,086.4	0.00	0.00	0.00
11,200.0	90.21	182.45	7,079.6	-4,151.0	-542.0	4,186.1	0.00	0.00	0.00
11,300.0	90.21	182.45	7,079.3	-4,250.9	-546.2	4,285.8	0.00	0.00	0.00
11,400.0	90.21	182.45	7,078.9	-4,350.8	-550.5	4,385.5	0.00	0.00	0.00
11,500.0	90.21	182.45	7,078.5	-4,450.7	-554.8	4,485.2	0.00	0.00	0.00
11,600.0	90.21	182.45	7,078.2	-4,550.6	-559.1	4,584.8	0.00	0.00	0.00
11,649.3	90.21	182.45	7,078.0	-4,599.9	-561.2	4,634.0	0.00	0.00	0.00
TD at 11649.3 - BHL 465'FSL & 2182'FEL									

Database:	Landmark	Local Co-ordinate Reference:	Well Mojack J-28HN
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (4-14-14)		

Casing Points				
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
7,302.4	7,062.5	7"	7	7-1/2

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,838.2	3,816.5	Parkman				
4,603.1	4,577.5	Sussex				
5,169.1	5,143.5	Shannon				
6,739.8	6,711.5	Sharon Springs				
6,926.0	6,874.5	Nio A Top				
6,948.2	6,891.5	Nio A Base				
7,099.1	6,989.5	Nio B Top				
7,165.8	7,021.5	Nio B Base				
7,252.6	7,051.5	Nio C Top				
7,520.4	7,091.5	Nio C Base				
	7,119.5	Fort Hays				
	7,163.5	Codell				
	7,179.5	Base of Codell				

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,200.0	1,200.0	0.0	0.0	KOP - Start Build 2.00
4,138.6	4,114.2	159.6	-333.5	Start Drop -2.00
6,575.1	6,549.5	170.9	-357.0	KOP #2 - Start Build 11.00
7,302.4	7,062.5	-259.1	-375.4	Start 75.0 hold at 7302.4 MD
7,377.4	7,075.5	-332.9	-378.6	Start Build 5.00
11,649.3	7,078.0	-4,599.9	-561.2	TD at 11649.3



Bayswater Exploration & Production, LLC

SEC.28-T7N-R64W

Mojack 28-C Pad (East) Sec.28-T7N-R64W

Mojack J-28HN

Wellbore #1

Plan #1 (4-14-14)

Anticollision Report

24 April, 2014



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (4-14-14)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,000.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 4/23/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	11,649.3	Plan #1 (4-14-14) (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						
Existing Wells Pad Sec.28-T7N-R64W						
Mojack 2-28 (Exist) - Wellbore #1 - Wellbore #1	7,471.8	7,056.6	183.2	24.4	1.154	Level 2, CC, ES, SF
Mojack 28-C Pad (East) Sec.28-T7N-R64W						
Mojack I-28HN - Wellbore #1 - Plan #1 (4-14-14)	1,000.0	1,000.0	18.1	13.8	4.231	CC, ES
Mojack I-28HN - Wellbore #1 - Plan #1 (4-14-14)	11,649.3	11,653.0	336.1	158.5	1.892	SF
Mojack K-28HN - Wellbore #1 - Plan #1 (4-14-14)	1,200.0	1,201.0	18.1	12.9	3.493	CC, ES
Mojack K-28HN - Wellbore #1 - Plan #1 (4-14-14)	11,649.3	11,623.3	334.1	156.5	1.881	SF
Mojack L-28HN - Wellbore #1 - Plan #1 (4-14-14)	1,200.0	1,201.0	35.9	30.7	6.933	CC, ES
Mojack L-28HN - Wellbore #1 - Plan #1 (4-14-14)	11,649.3	11,592.1	663.8	485.3	3.720	SF
Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)	966.3	967.3	53.9	49.8	13.084	CC
Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)	1,000.0	1,001.0	53.9	49.7	12.621	ES
Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)	11,649.3	11,658.2	992.6	814.0	5.560	SF
Mojack N-28HN - Wellbore #1 - Plan #1 (4-14-14)	566.3	567.3	72.0	69.7	30.986	CC
Mojack N-28HN - Wellbore #1 - Plan #1 (4-14-14)	600.0	600.0	72.0	69.5	29.120	ES
Mojack N-28HN - Wellbore #1 - Plan #1 (4-14-14)	900.0	892.8	87.1	83.3	22.981	SF

Offset Design Existing Wells Pad Sec.28-T7N-R64W - Mojack 2-28 (Exist) - Wellbore #1 - Wellbore #1											
Survey Program: 7360-UNKNOWN											
Offset Site Error: 0.0ft											
Offset Well Error: 0.0ft											
Reference	Offset	Semi Major Axis		Distance							
Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	-155.32	-434.3	-199.5	479.0				
100.0	100.0	68.5	68.5	0.1	1.4	-155.32	-434.3	-199.5	477.9	476.4	1.48 322.355
200.0	200.0	168.5	168.5	0.3	3.4	-155.32	-434.3	-199.5	477.9	474.2	3.71 128.911
300.0	300.0	268.5	268.5	0.6	5.4	-155.32	-434.3	-199.5	477.9	472.0	5.93 80.565
400.0	400.0	368.5	368.5	0.8	7.4	-155.32	-434.3	-199.5	477.9	469.8	8.16 58.591
500.0	500.0	468.5	468.5	1.0	9.4	-155.32	-434.3	-199.5	477.9	467.5	10.38 46.035
600.0	600.0	568.5	568.5	1.2	11.4	-155.32	-434.3	-199.5	477.9	465.3	12.61 37.911
700.0	700.0	668.5	668.5	1.5	13.4	-155.32	-434.3	-199.5	477.9	463.1	14.83 32.224
800.0	800.0	768.5	768.5	1.7	15.4	-155.32	-434.3	-199.5	477.9	460.9	17.06 28.021
900.0	900.0	868.5	868.5	1.9	17.4	-155.32	-434.3	-199.5	477.9	458.6	19.28 24.787
1,000.0	1,000.0	968.5	968.5	2.1	19.4	-155.32	-434.3	-199.5	477.9	456.4	21.51 22.223
1,100.0	1,100.0	1,068.5	1,068.5	2.4	21.4	-155.32	-434.3	-199.5	477.9	454.2	23.73 20.140
1,200.0	1,200.0	1,168.5	1,168.5	2.6	23.4	-155.32	-434.3	-199.5	477.9	452.0	25.95 18.413

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Existing Wells Pad Sec.28-T7N-R64W - Mojack 2-28 (Exist) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 7360-UNKNOWN												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	
1,300.0	1,300.0	1,268.5	1,268.5	2.8	25.4	-91.11	-434.3	-199.5	477.9	449.8	28.17	16.965	
1,400.0	1,399.8	1,368.3	1,368.3	3.0	27.4	-91.74	-434.3	-199.5	478.1	447.7	30.38	15.734	
1,500.0	1,499.5	1,468.0	1,468.0	3.2	29.4	-92.77	-434.3	-199.5	478.4	445.8	32.60	14.675	
1,600.0	1,598.7	1,567.2	1,567.2	3.5	31.3	-94.20	-434.3	-199.5	479.2	444.3	34.83	13.758	
1,700.0	1,697.8	1,666.3	1,666.3	3.7	33.3	-95.78	-434.3	-199.5	480.3	443.3	37.07	12.958	
1,800.0	1,796.9	1,765.4	1,765.4	4.0	35.3	-97.36	-434.3	-199.5	481.9	442.6	39.32	12.255	
1,900.0	1,896.0	1,864.5	1,864.5	4.3	37.3	-98.93	-434.3	-199.5	483.8	442.2	41.58	11.636	
2,000.0	1,995.1	1,963.6	1,963.6	4.6	39.3	-100.49	-434.3	-199.5	486.1	442.3	43.85	11.087	
2,100.0	2,094.2	2,062.7	2,062.7	4.9	41.3	-102.02	-434.3	-199.5	488.8	442.7	46.12	10.598	
2,200.0	2,193.2	2,161.7	2,161.7	5.2	43.2	-103.55	-434.3	-199.5	491.8	443.4	48.39	10.163	
2,300.0	2,292.3	2,260.8	2,260.8	5.5	45.2	-105.05	-434.3	-199.5	495.1	444.5	50.67	9.772	
2,400.0	2,391.4	2,359.9	2,359.9	5.8	47.2	-106.53	-434.3	-199.5	498.8	445.9	52.94	9.422	
2,500.0	2,490.5	2,459.0	2,459.0	6.1	49.2	-107.99	-434.3	-199.5	502.9	447.6	55.22	9.107	
2,600.0	2,589.6	2,558.1	2,558.1	6.4	51.2	-109.42	-434.3	-199.5	507.2	449.7	57.49	8.822	
2,700.0	2,688.7	2,657.2	2,657.2	6.8	53.1	-110.83	-434.3	-199.5	511.9	452.1	59.77	8.565	
2,800.0	2,787.8	2,756.3	2,756.3	7.1	55.1	-112.22	-434.3	-199.5	516.9	454.8	62.04	8.331	
2,900.0	2,886.9	2,855.4	2,855.4	7.4	57.1	-113.58	-434.3	-199.5	522.1	457.8	64.31	8.120	
3,000.0	2,986.0	2,954.5	2,954.5	7.7	59.1	-114.91	-434.3	-199.5	527.7	461.1	66.57	7.927	
3,100.0	3,085.0	3,053.5	3,053.5	8.0	61.1	-116.21	-434.3	-199.5	533.6	464.7	68.84	7.751	
3,200.0	3,184.1	3,152.6	3,152.6	8.4	63.1	-117.48	-434.3	-199.5	539.7	468.6	71.10	7.591	
3,300.0	3,283.2	3,251.7	3,251.7	8.7	65.0	-118.73	-434.3	-199.5	546.1	472.7	73.36	7.444	
3,400.0	3,382.3	3,350.8	3,350.8	9.0	67.0	-119.94	-434.3	-199.5	552.7	477.1	75.62	7.310	
3,500.0	3,481.4	3,449.9	3,449.9	9.3	69.0	-121.13	-434.3	-199.5	559.6	481.7	77.87	7.187	
3,600.0	3,580.5	3,549.0	3,549.0	9.7	71.0	-122.29	-434.3	-199.5	566.7	486.6	80.12	7.074	
3,700.0	3,679.6	3,648.1	3,648.1	10.0	73.0	-123.42	-434.3	-199.5	574.1	491.7	82.37	6.970	
3,800.0	3,778.7	3,747.2	3,747.2	10.3	74.9	-124.52	-434.3	-199.5	581.7	497.1	84.61	6.875	
3,900.0	3,877.8	3,846.3	3,846.3	10.7	76.9	-125.59	-434.3	-199.5	589.4	502.6	86.85	6.787	
4,000.0	3,976.8	3,945.3	3,945.3	11.0	78.9	-126.63	-434.3	-199.5	597.4	508.3	89.09	6.706	
4,100.0	4,075.9	4,044.4	4,044.4	11.3	80.9	-127.65	-434.3	-199.5	605.6	514.3	91.33	6.631	
4,200.0	4,175.1	4,143.6	4,143.6	11.6	82.9	-128.67	-434.3	-199.5	613.6	519.9	93.62	6.554	
4,300.0	4,274.6	4,243.1	4,243.1	11.9	84.9	-129.45	-434.3	-199.5	619.6	523.7	95.89	6.462	
4,400.0	4,374.4	4,342.9	4,342.9	12.1	86.9	-129.95	-434.3	-199.5	623.5	525.4	98.12	6.355	
4,500.0	4,474.4	4,442.9	4,442.9	12.2	88.9	-130.16	-434.3	-199.5	625.2	524.9	100.30	6.234	
4,600.0	4,574.4	4,542.9	4,542.9	12.4	90.9	-165.42	-434.3	-199.5	625.3	522.9	102.38	6.108	
4,700.0	4,674.4	4,642.9	4,642.9	12.6	92.9	-165.42	-434.3	-199.5	625.3	520.8	104.56	5.980	
4,800.0	4,774.4	4,742.9	4,742.9	12.7	94.9	-165.42	-434.3	-199.5	625.3	518.6	106.76	5.858	
4,900.0	4,874.4	4,842.9	4,842.9	12.9	96.9	-165.42	-434.3	-199.5	625.3	516.4	108.95	5.740	
5,000.0	4,974.4	4,942.9	4,942.9	13.1	98.9	-165.42	-434.3	-199.5	625.3	514.2	111.14	5.626	
5,100.0	5,074.4	5,042.9	5,042.9	13.3	100.9	-165.42	-434.3	-199.5	625.3	512.0	113.33	5.518	
5,200.0	5,174.4	5,142.9	5,142.9	13.5	102.9	-165.42	-434.3	-199.5	625.3	509.8	115.53	5.413	
5,300.0	5,274.4	5,242.9	5,242.9	13.6	104.9	-165.42	-434.3	-199.5	625.3	507.6	117.72	5.312	
5,400.0	5,374.4	5,342.9	5,342.9	13.8	106.9	-165.42	-434.3	-199.5	625.3	505.4	119.92	5.214	
5,500.0	5,474.4	5,442.9	5,442.9	14.0	108.9	-165.42	-434.3	-199.5	625.3	503.2	122.12	5.121	
5,600.0	5,574.4	5,542.9	5,542.9	14.2	110.9	-165.42	-434.3	-199.5	625.3	501.0	124.32	5.030	
5,700.0	5,674.4	5,642.9	5,642.9	14.4	112.9	-165.42	-434.3	-199.5	625.3	498.8	126.52	4.943	
5,800.0	5,774.4	5,742.9	5,742.9	14.6	114.9	-165.42	-434.3	-199.5	625.3	496.6	128.72	4.858	
5,900.0	5,874.4	5,842.9	5,842.9	14.8	116.9	-165.42	-434.3	-199.5	625.3	494.4	130.92	4.776	
6,000.0	5,974.4	5,942.9	5,942.9	15.0	118.9	-165.42	-434.3	-199.5	625.3	492.2	133.12	4.697	
6,100.0	6,074.4	6,042.9	6,042.9	15.2	120.9	-165.42	-434.3	-199.5	625.3	490.0	135.32	4.621	
6,200.0	6,174.4	6,142.9	6,142.9	15.4	122.9	-165.42	-434.3	-199.5	625.3	487.8	137.52	4.547	
6,300.0	6,274.4	6,242.9	6,242.9	15.6	124.9	-165.42	-434.3	-199.5	625.3	485.6	139.73	4.475	
6,400.0	6,374.4	6,342.9	6,342.9	15.7	126.9	-165.42	-434.3	-199.5	625.3	483.4	141.93	4.406	

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design		Existing Wells Pad Sec.28-T7N-R64W - Mojack 2-28 (Exist) - Wellbore #1 - Wellbore #1											Offset Site Error:	0.0 ft
Survey Program: 7360-UNKNOWN													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)			
6,500.0	6,474.4	6,442.9	6,442.9	15.9	128.9	165.42	-434.3	-199.5	625.3	481.2	144.14	4.338		
6,600.0	6,574.4	6,542.9	6,542.9	16.1	130.9	-17.07	-434.3	-199.5	624.8	478.5	146.23	4.272		
6,700.0	6,673.2	6,641.7	6,641.7	16.3	132.8	-17.93	-434.3	-199.5	611.1	466.4	144.65	4.225		
6,800.0	6,767.5	6,736.0	6,736.0	16.4	134.7	-20.14	-434.3	-199.5	579.8	441.3	138.46	4.187		
6,900.0	6,853.7	6,822.2	6,822.2	16.4	136.4	-24.30	-434.3	-199.5	532.3	403.2	129.15	4.122		
7,000.0	6,928.8	6,897.3	6,897.3	16.5	137.9	-31.63	-434.3	-199.5	471.1	350.0	121.05	3.892		
7,100.0	6,990.0	6,958.5	6,958.5	16.6	139.2	-44.03	-434.3	-199.5	399.5	276.2	123.35	3.239		
7,200.0	7,034.9	7,003.4	7,003.4	16.8	140.1	-62.24	-434.3	-199.5	322.9	182.4	140.49	2.298		
7,300.0	7,062.1	7,030.6	7,030.6	17.3	140.6	-80.62	-434.3	-199.5	249.8	95.0	154.78	1.614		
7,400.0	7,079.2	7,047.7	7,047.7	17.9	141.0	-86.57	-434.3	-199.5	196.6	38.9	157.66	1.247 Level 2		
7,471.8	7,088.1	7,056.6	7,056.6	18.5	141.1	-90.00	-434.3	-199.5	183.2	24.4	158.81	1.154 Level 2, CC, ES, SF		
7,500.0	7,090.3	7,058.8	7,058.8	18.8	141.2	-90.59	-434.3	-199.5	185.3	26.2	159.11	1.165 Level 2		
7,600.0	7,092.8	7,061.3	7,061.3	19.8	141.2	-89.85	-434.3	-199.5	223.5	63.3	160.22	1.395 Level 3		
7,700.0	7,092.5	7,061.0	7,061.0	20.9	141.2	-89.74	-434.3	-199.5	292.5	131.1	161.39	1.812		
7,800.0	7,092.1	7,060.6	7,060.6	22.1	141.2	-89.62	-434.3	-199.5	375.7	213.0	162.67	2.310		
7,900.0	7,091.7	7,060.2	7,060.2	23.5	141.2	-89.51	-434.3	-199.5	465.6	301.5	164.03	2.838		
8,000.0	7,091.4	7,059.9	7,059.9	24.9	141.2	-89.39	-434.3	-199.5	558.9	393.4	165.46	3.378		
8,100.0	7,091.0	7,059.5	7,059.5	26.4	141.2	-89.28	-434.3	-199.5	654.2	487.2	166.96	3.918		
8,200.0	7,090.6	7,059.1	7,059.1	27.9	141.2	-89.17	-434.3	-199.5	750.7	582.2	168.50	4.455		
8,300.0	7,090.3	7,058.8	7,058.8	29.5	141.2	-89.05	-434.3	-199.5	848.0	677.9	170.09	4.986		
8,400.0	7,089.9	7,058.4	7,058.4	31.1	141.2	-88.94	-434.3	-199.5	945.9	774.2	171.71	5.509		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack I-28HN - Wellbore #1 - Plan #1 (4-14-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													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	
0.0	0.0	0.0	0.0	0.0	0.0	-91.14	-0.4	-18.1	18.1	18.1	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	-91.14	-0.4	-18.1	18.1	17.8	0.22	80.382		
200.0	200.0	200.0	200.0	0.3	0.3	-91.14	-0.4	-18.1	18.1	17.4	0.67	26.794		
300.0	300.0	300.0	300.0	0.6	0.6	-91.14	-0.4	-18.1	18.1	16.9	1.12	16.076		
400.0	400.0	400.0	400.0	0.8	0.8	-91.14	-0.4	-18.1	18.1	16.5	1.57	11.483		
500.0	500.0	500.0	500.0	1.0	1.0	-91.14	-0.4	-18.1	18.1	16.0	2.02	8.931		
600.0	600.0	600.0	600.0	1.2	1.2	-91.14	-0.4	-18.1	18.1	15.6	2.47	7.307		
700.0	700.0	700.0	700.0	1.5	1.5	-91.14	-0.4	-18.1	18.1	15.1	2.92	6.183		
800.0	800.0	800.0	800.0	1.7	1.7	-91.14	-0.4	-18.1	18.1	14.7	3.37	5.359		
900.0	900.0	900.0	900.0	1.9	1.9	-91.14	-0.4	-18.1	18.1	14.2	3.82	4.728		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-91.14	-0.4	-18.1	18.1	13.8	4.27	4.231 CC, ES		
1,100.0	1,100.0	1,099.4	1,099.3	2.4	2.3	-89.86	0.0	-19.7	19.7	15.0	4.71	4.194		
1,200.0	1,200.0	1,198.5	1,198.3	2.6	2.6	-87.05	1.3	-24.7	24.8	19.7	5.14	4.827		
1,300.0	1,300.0	1,297.3	1,296.7	2.8	2.8	-20.88	3.3	-33.0	31.7	26.2	5.56	5.703		
1,400.0	1,399.8	1,395.8	1,394.6	3.0	3.0	-20.76	6.1	-44.6	38.8	32.8	5.98	6.485		
1,500.0	1,499.5	1,495.2	1,492.8	3.2	3.3	-21.71	9.6	-58.8	45.2	38.8	6.40	7.066		
1,600.0	1,598.7	1,595.1	1,591.6	3.5	3.6	-23.96	13.2	-73.2	48.7	41.8	6.83	7.128		
1,700.0	1,697.8	1,695.0	1,690.5	3.7	3.9	-26.57	16.7	-87.7	51.0	43.7	7.28	6.998		
1,800.0	1,796.9	1,795.0	1,789.3	4.0	4.2	-28.95	20.3	-102.2	53.4	45.7	7.76	6.884		
1,900.0	1,896.0	1,894.9	1,888.1	4.3	4.5	-31.12	23.8	-116.6	55.9	47.7	8.25	6.782		
2,000.0	1,995.1	1,994.9	1,986.9	4.6	4.8	-33.10	27.4	-131.1	58.5	49.8	8.75	6.689		
2,100.0	2,094.2	2,094.8	2,085.8	4.9	5.2	-34.91	30.9	-145.6	61.2	51.9	9.26	6.604		
2,200.0	2,193.2	2,194.8	2,184.6	5.2	5.5	-36.57	34.4	-160.0	63.9	54.1	9.79	6.525		
2,300.0	2,292.3	2,294.7	2,283.4	5.5	5.8	-38.09	38.0	-174.5	66.6	56.3	10.32	6.452		
2,400.0	2,391.4	2,394.7	2,382.3	5.8	6.2	-39.49	41.5	-189.0	69.4	58.5	10.87	6.385		
2,500.0	2,490.5	2,494.6	2,481.1	6.1	6.5	-40.78	45.1	-203.4	72.3	60.8	11.43	6.322		
2,600.0	2,589.6	2,594.5	2,579.9	6.4	6.9	-41.98	48.6	-217.9	75.1	63.1	11.99	6.263		
2,700.0	2,688.7	2,694.5	2,678.8	6.8	7.2	-43.08	52.2	-232.4	78.0	65.5	12.57	6.208		
2,800.0	2,787.8	2,794.4	2,777.6	7.1	7.6	-44.11	55.7	-246.8	80.9	67.8	13.15	6.157		
2,900.0	2,886.9	2,894.4	2,876.4	7.4	7.9	-45.06	59.3	-261.3	83.9	70.2	13.73	6.109		
3,000.0	2,986.0	2,994.3	2,975.3	7.7	8.3	-45.95	62.8	-275.8	86.9	72.5	14.33	6.064		
3,100.0	3,085.0	3,094.3	3,074.1	8.0	8.6	-46.78	66.4	-290.2	89.9	74.9	14.92	6.022		
3,200.0	3,184.1	3,194.2	3,172.9	8.4	9.0	-47.56	69.9	-304.7	92.9	77.4	15.53	5.982		
3,300.0	3,283.2	3,294.2	3,271.7	8.7	9.3	-48.29	73.4	-319.2	95.9	79.8	16.13	5.945		
3,400.0	3,382.3	3,394.1	3,370.6	9.0	9.7	-48.97	77.0	-333.6	98.9	82.2	16.74	5.910		
3,500.0	3,481.4	3,494.1	3,469.4	9.3	10.0	-49.61	80.5	-348.1	102.0	84.6	17.35	5.877		
3,600.0	3,580.5	3,594.0	3,568.2	9.7	10.4	-50.22	84.1	-362.6	105.1	87.1	17.97	5.846		
3,700.0	3,679.6	3,694.0	3,667.1	10.0	10.7	-50.79	87.6	-377.0	108.1	89.5	18.59	5.817		
3,800.0	3,778.7	3,793.9	3,765.9	10.3	11.1	-51.33	91.2	-391.5	111.2	92.0	19.21	5.789		
3,900.0	3,877.8	3,893.9	3,864.7	10.7	11.4	-51.84	94.7	-405.9	114.3	94.5	19.84	5.763		
4,000.0	3,976.8	3,993.8	3,963.6	11.0	11.8	-52.32	98.3	-420.4	117.4	97.0	20.46	5.739		
4,100.0	4,075.9	4,093.8	4,062.4	11.3	12.2	-52.78	101.8	-434.9	120.5	99.4	21.09	5.715		
4,200.0	4,175.1	4,193.7	4,161.2	11.6	12.5	-53.00	105.4	-449.3	124.1	102.4	21.68	5.722		
4,300.0	4,274.6	4,293.5	4,259.9	11.9	12.9	-52.13	108.9	-463.8	129.5	107.4	22.11	5.858		
4,400.0	4,374.4	4,393.1	4,358.4	12.1	13.2	-50.23	112.4	-478.2	137.2	114.8	22.41	6.123		
4,500.0	4,474.4	4,492.3	4,456.5	12.2	13.6	-47.56	116.0	-492.6	147.4	124.8	22.61	6.522		
4,600.0	4,574.4	4,591.2	4,554.3	12.4	13.9	-108.94	119.5	-506.9	159.7	136.7	23.00	6.946		
4,700.0	4,674.4	4,690.1	4,652.1	12.6	14.3	-106.27	123.0	-521.2	172.5	149.3	23.21	7.431		
4,800.0	4,774.4	4,789.0	4,749.9	12.7	14.6	-103.97	126.5	-535.5	185.6	162.1	23.46	7.910		
4,900.0	4,874.4	4,887.9	4,847.7	12.9	15.0	-101.98	130.0	-549.8	198.9	175.2	23.74	8.378		
5,000.0	4,974.4	4,986.8	4,945.4	13.1	15.4	-100.23	133.5	-564.1	212.5	188.4	24.05	8.836		
5,100.0	5,074.4	5,085.6	5,043.2	13.3	15.7	-98.70	137.0	-578.4	226.2	201.8	24.37	9.280		

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack I-28HN - Wellbore #1 - Plan #1 (4-14-14)												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
5,200.0	5,174.4	5,184.5	5,141.0	13.5	16.1	-97.34	140.5	-592.8	240.0	215.3	24.71	9.713	
5,300.0	5,274.4	5,283.4	5,238.8	13.6	16.4	-96.13	144.0	-607.1	254.0	228.9	25.07	10.132	
5,400.0	5,374.4	5,382.3	5,336.6	13.8	16.8	-95.05	147.5	-621.4	268.1	242.6	25.44	10.538	
5,500.0	5,474.4	5,481.2	5,434.3	14.0	17.1	-94.08	151.0	-635.7	282.3	256.4	25.82	10.931	
5,600.0	5,574.4	5,580.1	5,532.1	14.2	17.5	-93.19	154.6	-650.0	296.5	270.3	26.21	11.312	
5,700.0	5,674.4	5,685.6	5,636.6	14.4	17.8	-92.38	158.1	-664.6	310.2	283.6	26.61	11.658	
5,800.0	5,774.4	5,796.8	5,747.1	14.6	18.1	-91.78	161.0	-676.2	320.5	293.5	26.99	11.875	
5,900.0	5,874.4	5,908.8	5,858.9	14.8	18.3	-91.42	162.8	-683.7	327.2	299.8	27.38	11.950	
6,000.0	5,974.4	6,021.2	5,971.2	15.0	18.5	-91.27	163.6	-686.9	330.0	302.2	27.77	11.884	
6,100.0	6,074.4	6,124.4	6,074.4	15.2	18.6	-91.26	163.6	-687.1	330.1	302.0	28.17	11.722	
6,200.0	6,174.4	6,224.4	6,174.4	15.4	18.8	-91.26	163.6	-687.1	330.1	301.6	28.57	11.557	
6,300.0	6,274.4	6,324.4	6,274.4	15.6	18.9	-91.26	163.6	-687.1	330.1	301.2	28.97	11.396	
6,400.0	6,374.4	6,424.4	6,374.4	15.7	19.1	-91.26	163.6	-687.1	330.1	300.8	29.37	11.240	
6,500.0	6,474.4	6,524.4	6,474.4	15.9	19.3	-91.26	163.6	-687.1	330.1	300.4	29.78	11.087	
6,600.0	6,574.4	6,623.5	6,573.5	16.1	19.4	86.30	163.1	-687.1	330.1	300.1	30.02	10.999	
6,700.0	6,673.2	6,719.6	6,668.6	16.3	19.5	86.44	150.2	-687.6	330.1	299.8	30.27	10.905	
6,800.0	6,767.5	6,815.9	6,759.8	16.4	19.6	86.70	119.9	-688.9	330.0	299.6	30.41	10.853	
6,900.0	6,853.7	6,912.6	6,844.3	16.4	19.7	87.08	73.1	-690.9	329.9	299.4	30.52	10.808	
7,000.0	6,928.8	7,009.6	6,918.9	16.5	19.8	87.57	11.4	-693.6	329.8	299.0	30.74	10.729	
7,100.0	6,990.0	7,107.3	6,981.1	16.6	19.9	88.14	-63.6	-696.8	329.7	298.5	31.17	10.575	
7,200.0	7,034.9	7,205.5	7,028.5	16.8	20.1	88.78	-149.4	-700.5	329.6	297.6	31.93	10.322	
7,300.0	7,062.1	7,304.5	7,059.1	17.3	20.4	89.47	-243.3	-704.5	329.5	296.5	33.05	9.972	
7,316.2	7,064.9	7,320.5	7,062.3	17.4	20.5	89.55	-259.0	-705.2	329.5	296.2	33.27	9.904	
7,400.0	7,079.2	7,404.3	7,076.9	17.9	20.9	89.60	-341.5	-708.7	329.5	295.0	34.53	9.543	
7,402.0	7,079.5	7,406.3	7,077.3	17.9	20.9	89.61	-343.4	-708.8	329.5	295.0	34.56	9.534	
7,500.0	7,090.3	7,504.2	7,089.9	18.8	21.6	89.93	-440.4	-713.0	329.5	293.2	36.33	9.069	
7,600.0	7,092.8	7,604.2	7,094.1	19.8	22.4	90.22	-540.2	-717.3	329.5	291.1	38.41	8.580	
7,700.0	7,092.5	7,704.2	7,092.4	20.9	23.3	89.98	-640.1	-721.6	329.6	288.8	40.77	8.084	
7,800.0	7,092.1	7,804.2	7,090.4	22.1	24.4	89.70	-740.0	-725.9	329.6	286.2	43.34	7.605	
7,900.0	7,091.7	7,904.2	7,088.4	23.5	25.6	89.42	-839.8	-730.1	329.6	283.5	46.08	7.153	
8,000.0	7,091.4	8,004.2	7,086.4	24.9	26.9	89.14	-939.7	-734.4	329.6	280.7	48.97	6.732	
8,100.0	7,091.0	8,104.2	7,084.5	26.4	28.3	88.86	-1,039.6	-738.7	329.7	277.7	51.98	6.343	
8,200.0	7,090.6	8,204.2	7,082.5	27.9	29.7	88.58	-1,139.5	-743.0	329.7	274.6	55.09	5.985	
8,300.0	7,090.3	8,304.2	7,080.5	29.5	31.2	88.31	-1,239.3	-747.3	329.8	271.5	58.28	5.658	
8,400.0	7,089.9	8,404.1	7,078.6	31.1	32.7	88.03	-1,339.2	-751.6	329.8	268.3	61.55	5.359	
8,500.0	7,089.5	8,504.1	7,076.6	32.7	34.3	87.75	-1,439.1	-755.9	329.9	265.0	64.87	5.086	
8,600.0	7,089.2	8,604.1	7,074.6	34.4	35.9	87.47	-1,539.0	-760.2	330.0	261.7	68.25	4.835	
8,700.0	7,088.8	8,704.1	7,072.6	36.1	37.5	87.19	-1,638.8	-764.4	330.1	258.4	71.66	4.606	
8,800.0	7,088.4	8,804.1	7,070.7	37.8	39.1	86.91	-1,738.7	-768.7	330.2	255.1	75.12	4.395	
8,900.0	7,088.1	8,904.1	7,068.7	39.5	40.8	86.64	-1,838.6	-773.0	330.3	251.7	78.60	4.202	
9,000.0	7,087.7	9,004.1	7,066.7	41.3	42.5	86.36	-1,938.5	-777.3	330.4	248.3	82.11	4.024	
9,100.0	7,087.3	9,104.1	7,064.8	43.1	44.2	86.08	-2,038.3	-781.6	330.5	244.9	85.64	3.859	
9,200.0	7,087.0	9,204.0	7,062.8	44.8	45.9	85.80	-2,138.2	-785.9	330.6	241.4	89.19	3.707	
9,300.0	7,086.6	9,304.0	7,060.8	46.6	47.7	85.53	-2,238.1	-790.2	330.8	238.0	92.76	3.566	
9,400.0	7,086.2	9,404.0	7,058.8	48.4	49.4	85.25	-2,338.0	-794.5	330.9	234.6	96.34	3.435	
9,500.0	7,085.9	9,504.0	7,056.9	50.2	51.2	84.97	-2,437.8	-798.7	331.1	231.1	99.93	3.313	
9,600.0	7,085.5	9,604.0	7,054.9	52.0	53.0	84.70	-2,537.7	-803.0	331.2	227.7	103.53	3.199	
9,700.0	7,085.1	9,704.0	7,052.9	53.8	54.8	84.42	-2,637.6	-807.3	331.4	224.2	107.14	3.093	
9,800.0	7,084.8	9,804.0	7,050.9	55.7	56.6	84.14	-2,737.5	-811.6	331.6	220.8	110.76	2.993	
9,900.0	7,084.4	9,904.0	7,049.0	57.5	58.4	83.87	-2,837.4	-815.9	331.7	217.4	114.38	2.900	
10,000.0	7,084.0	10,003.9	7,047.0	59.3	60.2	83.59	-2,937.2	-820.2	331.9	213.9	118.01	2.813	
10,100.0	7,083.7	10,103.9	7,045.0	61.2	62.0	83.32	-3,037.1	-824.5	332.1	210.5	121.63	2.730	

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack I-28HN - Wellbore #1 - Plan #1 (4-14-14)												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
10,200.0	7,083.3	10,203.9	7,043.1	63.0	63.8	83.04	-3,137.0	-828.8	332.3	207.1	125.26	2.653	
10,300.0	7,082.9	10,303.9	7,041.1	64.9	65.6	82.77	-3,236.9	-833.0	332.5	203.6	128.90	2.580	
10,400.0	7,082.6	10,403.9	7,039.1	66.7	67.5	82.49	-3,336.7	-837.3	332.8	200.2	132.53	2.511	
10,500.0	7,082.2	10,503.9	7,037.1	68.6	69.3	82.22	-3,436.6	-841.6	333.0	196.8	136.16	2.446	
10,600.0	7,081.8	10,603.9	7,035.2	70.4	71.1	81.95	-3,536.5	-845.9	333.2	193.4	139.79	2.384	
10,700.0	7,081.5	10,703.8	7,033.2	72.3	73.0	81.68	-3,636.4	-850.2	333.5	190.0	143.42	2.325	
10,800.0	7,081.1	10,803.8	7,031.2	74.1	74.8	81.40	-3,736.2	-854.5	333.7	186.7	147.04	2.269	
10,900.0	7,080.7	10,903.8	7,029.3	76.0	76.7	81.13	-3,836.1	-858.8	334.0	183.3	150.66	2.217	
11,000.0	7,080.4	11,003.8	7,027.3	77.9	78.5	80.86	-3,936.0	-863.1	334.2	179.9	154.28	2.166	
11,100.0	7,080.0	11,103.8	7,025.3	79.7	80.4	80.59	-4,035.9	-867.3	334.5	176.6	157.90	2.118	
11,200.0	7,079.6	11,203.8	7,023.3	81.6	82.2	80.32	-4,135.7	-871.6	334.8	173.3	161.51	2.073	
11,300.0	7,079.3	11,303.8	7,021.4	83.5	84.1	80.05	-4,235.6	-875.9	335.1	169.9	165.12	2.029	
11,400.0	7,078.9	11,403.8	7,019.4	85.4	85.9	79.78	-4,335.5	-880.2	335.4	166.6	168.72	1.988	
11,500.0	7,078.5	11,503.7	7,017.4	87.2	87.8	79.51	-4,435.4	-884.5	335.7	163.3	172.31	1.948	
11,600.0	7,078.2	11,603.7	7,015.5	89.1	89.7	79.24	-4,535.2	-888.8	336.0	160.1	175.90	1.910	
11,649.3	7,078.0	11,653.0	7,014.5	90.0	90.6	79.11	-4,584.5	-890.9	336.1	158.5	177.67	1.892 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack K-28HN - Wellbore #1 - Plan #1 (4-14-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													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	
0.0	0.0	1.0	1.0	0.0	0.0	88.84	0.4	18.1	18.1	18.1	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	88.84	0.4	18.1	18.1	17.8	0.23	79.586		
200.0	200.0	201.0	201.0	0.3	0.3	88.84	0.4	18.1	18.1	17.4	0.68	26.705		
300.0	300.0	301.0	301.0	0.6	0.6	88.84	0.4	18.1	18.1	16.9	1.13	16.044		
400.0	400.0	401.0	401.0	0.8	0.8	88.84	0.4	18.1	18.1	16.5	1.58	11.467		
500.0	500.0	501.0	501.0	1.0	1.0	88.84	0.4	18.1	18.1	16.0	2.03	8.921		
600.0	600.0	601.0	601.0	1.2	1.2	88.84	0.4	18.1	18.1	15.6	2.47	7.301		
700.0	700.0	701.0	701.0	1.5	1.5	88.84	0.4	18.1	18.1	15.1	2.92	6.178		
800.0	800.0	801.0	801.0	1.7	1.7	88.84	0.4	18.1	18.1	14.7	3.37	5.355		
900.0	900.0	901.0	901.0	1.9	1.9	88.84	0.4	18.1	18.1	14.2	3.82	4.726		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	88.84	0.4	18.1	18.1	13.8	4.27	4.228		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	88.84	0.4	18.1	18.1	13.3	4.72	3.826		
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	88.84	0.4	18.1	18.1	12.9	5.17	3.493 CC, ES		
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	155.54	0.4	18.1	19.6	14.0	5.61	3.500		
1,400.0	1,399.8	1,400.8	1,400.8	3.0	3.0	160.58	0.4	18.1	24.5	18.5	6.04	4.056		
1,500.0	1,499.5	1,500.5	1,500.5	3.2	3.3	165.60	0.4	18.1	32.9	26.4	6.47	5.081		
1,600.0	1,598.7	1,599.7	1,599.7	3.5	3.5	169.44	0.4	18.1	44.7	37.8	6.89	6.495		
1,700.0	1,697.8	1,698.8	1,698.8	3.7	3.7	171.87	0.4	18.1	58.0	50.7	7.33	7.920		
1,800.0	1,796.9	1,797.9	1,797.9	4.0	3.9	173.40	0.4	18.1	71.4	63.6	7.77	9.189		
1,900.0	1,896.0	1,897.0	1,897.0	4.3	4.2	174.45	0.4	18.1	84.8	76.6	8.21	10.321		
2,000.0	1,995.1	1,996.1	1,996.1	4.6	4.4	175.21	0.4	18.1	98.2	89.5	8.66	11.337		
2,100.0	2,094.2	2,097.3	2,097.3	4.9	4.6	175.10	2.0	17.7	110.7	101.6	9.11	12.146		
2,200.0	2,193.2	2,199.0	2,198.9	5.2	4.8	173.60	7.1	16.4	121.2	111.6	9.57	12.671		
2,300.0	2,292.3	2,300.9	2,300.3	5.5	5.1	171.00	15.7	14.2	129.9	119.9	10.03	12.961		
2,400.0	2,391.4	2,401.6	2,400.4	5.8	5.3	167.56	27.3	11.3	137.4	126.9	10.50	13.088		
2,500.0	2,490.5	2,501.0	2,499.0	6.1	5.5	164.32	39.4	8.2	145.0	134.0	10.98	13.203		
2,600.0	2,589.6	2,600.4	2,597.6	6.4	5.8	161.41	51.4	5.2	153.1	141.6	11.49	13.327		
2,700.0	2,688.7	2,699.8	2,696.2	6.8	6.0	158.79	63.5	2.2	161.5	149.5	12.00	13.455		
2,800.0	2,787.8	2,799.2	2,794.8	7.1	6.3	156.44	75.6	-0.9	170.2	157.7	12.53	13.583		
2,900.0	2,886.9	2,898.6	2,893.4	7.4	6.6	154.31	87.6	-3.9	179.2	166.1	13.07	13.708		
3,000.0	2,986.0	2,998.0	2,992.0	7.7	6.8	152.39	99.7	-7.0	188.4	174.8	13.62	13.830		
3,100.0	3,085.0	3,097.3	3,090.6	8.0	7.1	150.65	111.8	-10.0	197.8	183.6	14.18	13.947		
3,200.0	3,184.1	3,196.7	3,189.2	8.4	7.4	149.07	123.8	-13.0	207.3	192.6	14.74	14.060		
3,300.0	3,283.2	3,296.1	3,287.8	8.7	7.7	147.63	135.9	-16.1	217.0	201.7	15.32	14.169		
3,400.0	3,382.3	3,395.0	3,386.1	9.0	7.9	146.56	147.0	-18.9	226.9	211.1	15.83	14.337		
3,500.0	3,481.4	3,494.1	3,484.6	9.3	8.1	145.99	156.4	-21.3	237.1	220.8	16.32	14.523		
3,600.0	3,580.5	3,593.1	3,583.3	9.7	8.3	145.86	164.3	-23.2	247.4	230.6	16.81	14.724		
3,700.0	3,679.6	3,692.1	3,682.1	10.0	8.5	146.12	170.4	-24.8	258.0	240.7	17.27	14.940		
3,800.0	3,778.7	3,791.0	3,780.9	10.3	8.7	146.72	174.9	-25.9	268.7	251.0	17.71	15.172		
3,900.0	3,877.8	3,889.7	3,879.5	10.7	8.9	147.63	177.7	-26.6	279.7	261.6	18.13	15.424		
4,000.0	3,976.8	3,988.2	3,978.0	11.0	9.1	148.80	178.9	-26.9	291.0	272.5	18.54	15.698		
4,100.0	4,075.9	4,087.1	4,076.9	11.3	9.3	150.10	179.0	-26.9	302.6	283.7	18.94	15.976		
4,200.0	4,175.1	4,186.3	4,176.1	11.6	9.5	151.33	179.0	-26.9	313.8	294.4	19.37	16.203		
4,300.0	4,274.6	4,285.8	4,275.6	11.9	9.7	152.23	179.0	-26.9	322.3	302.5	19.76	16.306		
4,400.0	4,374.4	4,385.6	4,375.4	12.1	9.9	152.78	179.0	-26.9	327.7	307.6	20.15	16.265		
4,500.0	4,474.4	4,485.6	4,475.4	12.2	10.1	153.01	179.0	-26.9	330.1	309.5	20.52	16.087		
4,600.0	4,574.4	4,585.6	4,575.4	12.4	10.3	88.60	179.0	-26.9	330.2	309.2	20.99	15.730		
4,700.0	4,674.4	4,685.6	4,675.4	12.6	10.5	88.60	179.0	-26.9	330.2	308.8	21.40	15.429		
4,800.0	4,774.4	4,785.6	4,775.4	12.7	10.7	88.60	179.0	-26.9	330.2	308.4	21.81	15.138		
4,900.0	4,874.4	4,885.6	4,875.4	12.9	10.9	88.60	179.0	-26.9	330.2	307.9	22.22	14.856		
5,000.0	4,974.4	4,985.6	4,975.4	13.1	11.2	88.60	179.0	-26.9	330.2	307.5	22.64	14.584		
5,100.0	5,074.4	5,085.6	5,075.4	13.3	11.4	88.60	179.0	-26.9	330.2	307.1	23.05	14.321		

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design		Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack K-28HN - Wellbore #1 - Plan #1 (4-14-14)											Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
5,200.0	5,174.4	5,185.6	5,175.4	13.5	11.6	88.60	179.0	-26.9	330.2	306.7	23.47	14.067		
5,300.0	5,274.4	5,285.6	5,275.4	13.6	11.8	88.60	179.0	-26.9	330.2	306.3	23.89	13.820		
5,400.0	5,374.4	5,385.6	5,375.4	13.8	12.0	88.60	179.0	-26.9	330.2	305.9	24.31	13.582		
5,500.0	5,474.4	5,485.6	5,475.4	14.0	12.2	88.60	179.0	-26.9	330.2	305.4	24.73	13.351		
5,600.0	5,574.4	5,585.6	5,575.4	14.2	12.4	88.60	179.0	-26.9	330.2	305.0	25.15	13.127		
5,700.0	5,674.4	5,685.6	5,675.4	14.4	12.7	88.60	179.0	-26.9	330.2	304.6	25.57	12.911		
5,800.0	5,774.4	5,785.6	5,775.4	14.6	12.9	88.60	179.0	-26.9	330.2	304.2	26.00	12.700		
5,900.0	5,874.4	5,885.6	5,875.4	14.8	13.1	88.60	179.0	-26.9	330.2	303.7	26.42	12.497		
6,000.0	5,974.4	5,985.6	5,975.4	15.0	13.3	88.60	179.0	-26.9	330.2	303.3	26.85	12.299		
6,100.0	6,074.4	6,085.6	6,075.4	15.2	13.5	88.60	179.0	-26.9	330.2	302.9	27.27	12.107		
6,200.0	6,174.4	6,185.6	6,175.4	15.4	13.7	88.60	179.0	-26.9	330.2	302.5	27.70	11.920		
6,300.0	6,274.4	6,285.6	6,275.4	15.6	14.0	88.60	179.0	-26.9	330.2	302.0	28.12	11.739		
6,400.0	6,374.4	6,385.6	6,375.4	15.7	14.2	88.60	179.0	-26.9	330.2	301.6	28.55	11.563		
6,500.0	6,474.4	6,485.6	6,475.4	15.9	14.4	88.60	179.0	-26.9	330.2	301.2	28.98	11.392		
6,600.0	6,574.4	6,587.1	6,576.9	16.1	14.6	-93.74	177.7	-27.0	330.1	300.8	29.33	11.256		
6,700.0	6,673.2	6,691.1	6,679.2	16.3	14.7	-93.27	160.1	-27.7	330.0	300.4	29.56	11.163		
6,800.0	6,767.5	6,794.4	6,775.4	16.4	14.8	-92.68	122.8	-29.3	329.8	300.1	29.67	11.114		
6,900.0	6,853.7	6,897.0	6,861.8	16.4	14.9	-91.99	67.8	-31.7	329.6	299.8	29.77	11.071		
7,000.0	6,928.8	6,998.7	6,935.2	16.5	15.0	-91.23	-2.3	-34.7	329.5	299.5	29.99	10.987		
7,100.0	6,990.0	7,099.5	6,993.1	16.6	15.1	-90.42	-84.6	-38.2	329.4	299.0	30.44	10.821		
7,141.7	7,010.8	7,141.3	7,012.2	16.7	15.3	-90.08	-121.7	-39.8	329.4	298.7	30.75	10.714		
7,200.0	7,034.9	7,199.5	7,033.8	16.8	15.5	-89.61	-175.6	-42.1	329.5	298.2	31.22	10.551		
7,300.0	7,062.1	7,298.7	7,056.7	17.3	16.1	-88.88	-272.0	-46.2	329.5	297.1	32.36	10.181		
7,400.0	7,079.2	7,398.5	7,073.1	17.9	16.9	-88.76	-370.2	-50.4	329.5	295.6	33.89	9.725		
7,500.0	7,090.3	7,497.7	7,082.2	18.8	17.8	-88.41	-469.0	-54.6	329.6	293.9	35.72	9.227		
7,600.0	7,092.8	7,597.1	7,083.0	19.8	18.9	-88.12	-568.2	-58.9	329.7	291.8	37.83	8.714		
7,700.0	7,092.5	7,697.1	7,081.7	20.9	20.1	-87.95	-668.1	-63.1	329.7	289.5	40.20	8.201		
7,800.0	7,092.1	7,797.1	7,080.4	22.1	21.4	-87.79	-768.0	-67.4	329.7	287.0	42.78	7.708		
7,900.0	7,091.7	7,897.1	7,079.1	23.5	22.8	-87.63	-867.9	-71.7	329.8	284.2	45.53	7.243		
8,000.0	7,091.4	7,997.1	7,077.8	24.9	24.3	-87.47	-967.8	-75.9	329.8	281.4	48.43	6.811		
8,100.0	7,091.0	8,097.1	7,076.5	26.4	25.8	-87.31	-1,067.7	-80.2	329.9	278.4	51.44	6.412		
8,200.0	7,090.6	8,197.1	7,075.3	27.9	27.3	-87.15	-1,167.6	-84.5	329.9	275.4	54.56	6.047		
8,300.0	7,090.3	8,297.1	7,074.0	29.5	28.9	-86.99	-1,267.5	-88.7	330.0	272.2	57.75	5.714		
8,400.0	7,089.9	8,397.1	7,072.7	31.1	30.6	-86.83	-1,367.4	-93.0	330.0	269.0	61.02	5.409		
8,500.0	7,089.5	8,497.1	7,071.4	32.7	32.3	-86.67	-1,467.3	-97.3	330.1	265.8	64.34	5.131		
8,600.0	7,089.2	8,597.1	7,070.1	34.4	34.0	-86.51	-1,567.2	-101.5	330.2	262.4	67.71	4.876		
8,700.0	7,088.8	8,697.1	7,068.8	36.1	35.7	-86.35	-1,667.1	-105.8	330.2	259.1	71.13	4.643		
8,800.0	7,088.4	8,797.1	7,067.5	37.8	37.4	-86.19	-1,767.0	-110.1	330.3	255.7	74.58	4.429		
8,900.0	7,088.1	8,897.1	7,066.2	39.5	39.2	-86.03	-1,866.9	-114.3	330.4	252.3	78.06	4.232		
9,000.0	7,087.7	8,997.1	7,064.9	41.3	40.9	-85.87	-1,966.8	-118.6	330.4	248.9	81.57	4.051		
9,100.0	7,087.3	9,097.1	7,063.6	43.1	42.7	-85.71	-2,066.7	-122.9	330.5	245.4	85.10	3.884		
9,200.0	7,087.0	9,197.1	7,062.3	44.8	44.5	-85.55	-2,166.6	-127.1	330.6	241.9	88.65	3.729		
9,300.0	7,086.6	9,297.1	7,061.0	46.6	46.3	-85.39	-2,266.5	-131.4	330.7	238.4	92.22	3.586		
9,400.0	7,086.2	9,397.1	7,059.8	48.4	48.1	-85.23	-2,366.4	-135.7	330.8	234.9	95.80	3.452		
9,500.0	7,085.9	9,497.1	7,058.5	50.2	49.9	-85.07	-2,466.3	-140.0	330.8	231.4	99.40	3.328		
9,600.0	7,085.5	9,597.0	7,057.2	52.0	51.8	-84.91	-2,566.2	-144.2	330.9	227.9	103.01	3.213		
9,700.0	7,085.1	9,697.0	7,055.9	53.8	53.6	-84.75	-2,666.1	-148.5	331.0	224.4	106.63	3.104		
9,800.0	7,084.8	9,797.0	7,054.6	55.7	55.4	-84.59	-2,766.0	-152.8	331.1	220.9	110.26	3.003		
9,900.0	7,084.4	9,897.0	7,053.3	57.5	57.3	-84.44	-2,865.9	-157.0	331.2	217.3	113.89	2.908		
10,000.0	7,084.0	9,997.0	7,052.0	59.3	59.1	-84.28	-2,965.7	-161.3	331.3	213.8	117.54	2.819		
10,100.0	7,083.7	10,097.0	7,050.7	61.2	61.0	-84.12	-3,065.6	-165.6	331.4	210.2	121.19	2.735		
10,200.0	7,083.3	10,197.0	7,049.4	63.0	62.8	-83.96	-3,165.5	-169.8	331.5	206.7	124.84	2.656		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack K-28HN - Wellbore #1 - Plan #1 (4-14-14)												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
10,300.0	7,082.9	10,297.0	7,048.1	64.9	64.7	-83.80	-3,265.4	-174.1	331.6	203.1	128.50	2.581	
10,400.0	7,082.6	10,397.0	7,046.8	66.7	66.5	-83.64	-3,365.3	-178.4	331.7	199.6	132.16	2.510	
10,500.0	7,082.2	10,497.0	7,045.5	68.6	68.4	-83.48	-3,465.2	-182.6	331.8	196.0	135.82	2.443	
10,600.0	7,081.8	10,597.0	7,044.3	70.4	70.3	-83.32	-3,565.1	-186.9	331.9	192.5	139.49	2.380	
10,700.0	7,081.5	10,697.0	7,043.0	72.3	72.1	-83.17	-3,665.0	-191.2	332.1	188.9	143.16	2.320	
10,800.0	7,081.1	10,797.0	7,041.7	74.1	74.0	-83.01	-3,764.9	-195.4	332.2	185.4	146.83	2.262	
10,900.0	7,080.7	10,897.0	7,040.4	76.0	75.9	-82.85	-3,864.8	-199.7	332.3	181.8	150.50	2.208	
11,000.0	7,080.4	10,997.0	7,039.1	77.9	77.7	-82.69	-3,964.7	-204.0	332.4	178.3	154.17	2.156	
11,100.0	7,080.0	11,097.0	7,037.8	79.7	79.6	-82.53	-4,064.6	-208.2	332.6	174.7	157.84	2.107	
11,200.0	7,079.6	11,197.0	7,036.5	81.6	81.5	-82.38	-4,164.5	-212.5	332.7	171.2	161.51	2.060	
11,300.0	7,079.3	11,297.0	7,035.2	83.5	83.4	-82.22	-4,264.4	-216.8	332.8	167.6	165.19	2.015	
11,400.0	7,078.9	11,397.0	7,033.9	85.4	85.2	-82.06	-4,364.3	-221.0	332.9	164.1	168.86	1.972	
11,500.0	7,078.5	11,497.0	7,032.6	87.2	87.1	-81.90	-4,464.2	-225.3	333.1	160.6	172.53	1.931	
11,600.0	7,078.2	11,597.0	7,031.3	89.1	89.0	-81.75	-4,564.1	-229.6	333.2	157.0	176.20	1.891	
11,611.2	7,078.1	11,608.1	7,031.2	89.3	89.2	-81.73	-4,575.2	-230.1	333.2	156.6	176.61	1.887	
11,649.3	7,078.0	11,623.3	7,031.0	90.0	89.5	-81.70	-4,590.4	-230.7	334.1	156.5	177.59	1.881 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack L-28HN - Wellbore #1 - Plan #1 (4-14-14)													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	1.0	1.0	0.0	0.0	88.84	0.7	35.8	35.9	35.9	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	88.84	0.7	35.8	35.9	35.6	0.23	157.949		
200.0	200.0	201.0	201.0	0.3	0.3	88.84	0.7	35.8	35.9	35.2	0.68	52.999		
300.0	300.0	301.0	301.0	0.6	0.6	88.84	0.7	35.8	35.9	34.7	1.13	31.842		
400.0	400.0	401.0	401.0	0.8	0.8	88.84	0.7	35.8	35.9	34.3	1.58	22.757		
500.0	500.0	501.0	501.0	1.0	1.0	88.84	0.7	35.8	35.9	33.8	2.03	17.706		
600.0	600.0	601.0	601.0	1.2	1.2	88.84	0.7	35.8	35.9	33.4	2.47	14.489		
700.0	700.0	701.0	701.0	1.5	1.5	88.84	0.7	35.8	35.9	32.9	2.92	12.262		
800.0	800.0	801.0	801.0	1.7	1.7	88.84	0.7	35.8	35.9	32.5	3.37	10.628		
900.0	900.0	901.0	901.0	1.9	1.9	88.84	0.7	35.8	35.9	32.0	3.82	9.378		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	88.84	0.7	35.8	35.9	31.6	4.27	8.392		
1,100.0	1,100.0	1,101.0	1,101.0	2.4	2.4	88.84	0.7	35.8	35.9	31.1	4.72	7.593		
1,200.0	1,200.0	1,201.0	1,201.0	2.6	2.6	88.84	0.7	35.8	35.9	30.7	5.17	6.933 CC, ES		
1,300.0	1,300.0	1,301.0	1,301.0	2.8	2.8	154.44	0.7	35.8	37.4	31.8	5.61	6.669		
1,400.0	1,399.8	1,400.8	1,400.8	3.0	3.0	157.47	0.7	35.8	42.2	36.2	6.04	6.986		
1,500.0	1,499.5	1,500.0	1,500.0	3.2	3.3	161.20	0.7	35.8	50.4	43.9	6.47	7.791		
1,600.0	1,598.7	1,598.2	1,598.1	3.5	3.5	163.64	1.7	37.2	63.2	56.3	6.88	9.187		
1,700.0	1,697.8	1,695.1	1,694.9	3.7	3.7	163.80	4.5	41.3	79.8	72.5	7.31	10.913		
1,800.0	1,796.9	1,791.1	1,790.6	4.0	3.9	162.57	9.1	48.0	98.8	91.0	7.75	12.748		
1,900.0	1,896.0	1,886.0	1,884.9	4.3	4.1	160.70	15.5	57.2	120.2	112.0	8.19	14.675		
2,000.0	1,995.1	1,983.3	1,981.3	4.6	4.4	158.94	22.9	67.9	142.9	134.3	8.64	16.533		
2,100.0	2,094.2	2,080.6	2,077.7	4.9	4.6	157.67	30.3	78.6	165.7	156.6	9.10	18.207		
2,200.0	2,193.2	2,177.9	2,174.1	5.2	4.9	156.70	37.7	89.3	188.6	179.1	9.57	19.712		
2,300.0	2,292.3	2,275.2	2,270.6	5.5	5.1	155.95	45.2	100.0	211.5	201.5	10.04	21.069		
2,400.0	2,391.4	2,372.5	2,367.0	5.8	5.4	155.34	52.6	110.7	234.5	224.0	10.52	22.298		
2,500.0	2,490.5	2,469.8	2,463.4	6.1	5.7	154.84	60.0	121.5	257.5	246.5	11.00	23.413		
2,600.0	2,589.6	2,567.2	2,559.9	6.4	6.0	154.42	67.4	132.2	280.4	269.0	11.48	24.427		
2,700.0	2,688.7	2,664.5	2,656.3	6.8	6.3	154.06	74.8	142.9	303.4	291.5	11.97	25.354		
2,800.0	2,787.8	2,761.8	2,752.7	7.1	6.6	153.76	82.2	153.6	326.5	314.0	12.46	26.203		
2,900.0	2,886.9	2,859.1	2,849.1	7.4	6.9	153.49	89.6	164.3	349.5	336.5	12.95	26.983		
3,000.0	2,986.0	2,956.4	2,945.6	7.7	7.2	153.26	97.0	175.0	372.5	359.0	13.45	27.701		
3,100.0	3,085.0	3,053.7	3,042.0	8.0	7.5	153.05	104.5	185.7	395.5	381.6	13.94	28.365		
3,200.0	3,184.1	3,151.0	3,138.4	8.4	7.8	152.87	111.9	196.4	418.5	404.1	14.44	28.979		
3,300.0	3,283.2	3,248.3	3,234.9	8.7	8.1	152.71	119.3	207.1	441.6	426.6	14.94	29.550		
3,400.0	3,382.3	3,345.6	3,331.3	9.0	8.4	152.56	126.7	217.8	464.6	449.2	15.45	30.081		
3,500.0	3,481.4	3,442.9	3,427.7	9.3	8.7	152.43	134.1	228.5	487.7	471.7	15.95	30.575		
3,600.0	3,580.5	3,540.2	3,524.1	9.7	9.0	152.31	141.5	239.3	510.7	494.2	16.45	31.038		
3,700.0	3,679.6	3,637.5	3,620.6	10.0	9.3	152.20	148.9	250.0	533.7	516.8	16.96	31.471		
3,800.0	3,778.7	3,734.8	3,717.0	10.3	9.6	152.09	156.3	260.7	556.8	539.3	17.47	31.877		
3,900.0	3,877.8	3,839.6	3,821.0	10.7	9.9	152.03	163.9	271.6	579.3	561.3	17.96	32.250		
4,000.0	3,976.8	3,946.7	3,927.4	11.0	10.2	152.07	170.6	281.3	600.3	581.9	18.44	32.553		
4,100.0	4,075.9	4,054.4	4,034.7	11.3	10.4	152.22	176.2	289.3	619.8	600.9	18.92	32.766		
4,200.0	4,175.1	4,162.8	4,142.8	11.6	10.6	152.52	180.6	295.7	637.1	617.7	19.40	32.842		
4,300.0	4,274.6	4,272.3	4,252.1	11.9	10.9	152.79	183.9	300.4	650.1	630.2	19.85	32.753		
4,400.0	4,374.4	4,382.5	4,362.2	12.1	11.1	152.96	186.0	303.5	658.3	638.1	20.26	32.487		
4,500.0	4,474.4	4,493.0	4,472.8	12.2	11.3	153.03	186.9	304.8	661.9	641.2	20.65	32.055		
4,600.0	4,574.4	4,595.7	4,575.4	12.4	11.4	88.61	186.9	304.8	662.0	641.0	21.04	31.462		
4,700.0	4,674.4	4,695.7	4,675.4	12.6	11.6	88.61	186.9	304.8	662.0	640.6	21.45	30.870		
4,800.0	4,774.4	4,795.7	4,775.4	12.7	11.8	88.61	186.9	304.8	662.0	640.2	21.85	30.296		
4,900.0	4,874.4	4,895.7	4,875.4	12.9	12.0	88.61	186.9	304.8	662.0	639.8	22.26	29.741		
5,000.0	4,974.4	4,995.7	4,975.4	13.1	12.2	88.61	186.9	304.8	662.0	639.4	22.67	29.204		
5,100.0	5,074.4	5,095.7	5,075.4	13.3	12.4	88.61	186.9	304.8	662.0	639.0	23.08	28.685		

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack L-28HN - Wellbore #1 - Plan #1 (4-14-14)												Offset Site Error:	0.0ft
Survey Program: 0-MWD												Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.0	5,174.4	5,195.7	5,175.4	13.5	12.6	88.61	186.9	304.8	662.0	638.6	23.49	28.181	
5,300.0	5,274.4	5,295.7	5,275.4	13.6	12.8	88.61	186.9	304.8	662.0	638.1	23.91	27.694	
5,400.0	5,374.4	5,395.7	5,375.4	13.8	13.0	88.61	186.9	304.8	662.0	637.7	24.32	27.222	
5,500.0	5,474.4	5,495.7	5,475.4	14.0	13.2	88.61	186.9	304.8	662.0	637.3	24.74	26.764	
5,600.0	5,574.4	5,595.7	5,575.4	14.2	13.4	88.61	186.9	304.8	662.0	636.9	25.15	26.320	
5,700.0	5,674.4	5,695.7	5,675.4	14.4	13.6	88.61	186.9	304.8	662.0	636.5	25.57	25.890	
5,800.0	5,774.4	5,795.7	5,775.4	14.6	13.8	88.61	186.9	304.8	662.0	636.1	25.99	25.472	
5,900.0	5,874.4	5,895.7	5,875.4	14.8	14.0	88.61	186.9	304.8	662.0	635.6	26.41	25.067	
6,000.0	5,974.4	5,995.7	5,975.4	15.0	14.2	88.61	186.9	304.8	662.0	635.2	26.83	24.673	
6,100.0	6,074.4	6,095.7	6,075.4	15.2	14.4	88.61	186.9	304.8	662.0	634.8	27.25	24.291	
6,200.0	6,174.4	6,195.7	6,175.4	15.4	14.6	88.61	186.9	304.8	662.0	634.4	27.68	23.920	
6,300.0	6,274.4	6,295.7	6,275.4	15.6	14.8	88.61	186.9	304.8	662.0	633.9	28.10	23.559	
6,400.0	6,374.4	6,395.7	6,375.4	15.7	15.0	88.61	186.9	304.8	662.0	633.5	28.53	23.209	
6,500.0	6,474.4	6,495.7	6,475.4	15.9	15.2	88.61	186.9	304.8	662.0	633.1	28.95	22.868	
6,600.0	6,574.4	6,602.1	6,581.5	16.1	15.4	-93.36	180.6	304.6	661.7	632.4	29.31	22.574	
6,700.0	6,673.2	6,708.3	6,684.0	16.3	15.4	-92.38	153.6	303.4	661.1	631.6	29.51	22.400	
6,800.0	6,767.5	6,811.8	6,776.6	16.4	15.5	-91.31	107.8	301.4	660.7	631.1	29.62	22.304	
6,900.0	6,853.7	6,912.7	6,856.5	16.4	15.5	-90.21	46.4	298.8	660.5	630.8	29.74	22.210	
6,923.6	6,872.5	6,936.1	6,873.2	16.4	15.5	-89.95	30.1	298.1	660.5	630.7	29.79	22.173	
7,000.0	6,928.8	7,011.2	6,921.6	16.5	15.6	-89.12	-27.2	295.7	660.6	630.6	29.98	22.032	
7,100.0	6,990.0	7,107.4	6,970.7	16.6	15.7	-88.06	-109.7	292.1	660.9	630.4	30.46	21.700	
7,200.0	7,034.9	7,201.6	7,003.4	16.8	16.0	-87.09	-197.9	288.3	661.4	630.1	31.23	21.178	
7,300.0	7,062.1	7,298.1	7,022.1	17.3	16.6	-86.40	-292.3	284.3	661.8	629.4	32.37	20.445	
7,400.0	7,079.2	7,395.3	7,036.8	17.9	17.3	-86.22	-388.4	280.1	661.9	628.0	33.89	19.532	
7,500.0	7,090.3	7,491.4	7,043.4	18.8	18.2	-85.86	-484.1	276.0	662.2	626.5	35.70	18.548	
7,600.0	7,092.8	7,589.8	7,043.6	19.8	19.3	-85.65	-582.4	271.8	662.4	624.5	37.81	17.519	
7,700.0	7,092.5	7,689.8	7,043.1	20.9	20.5	-85.64	-682.3	267.5	662.3	622.2	40.19	16.480	
7,800.0	7,092.1	7,789.8	7,042.6	22.1	21.8	-85.62	-782.2	263.2	662.3	619.6	42.78	15.483	
7,900.0	7,091.7	7,889.8	7,042.1	23.5	23.1	-85.61	-882.1	258.9	662.3	616.8	45.54	14.544	
8,000.0	7,091.4	7,989.8	7,041.6	24.9	24.6	-85.60	-982.0	254.6	662.3	613.9	48.44	13.672	
8,100.0	7,091.0	8,089.8	7,041.1	26.4	26.1	-85.59	-1,081.9	250.3	662.3	610.9	51.46	12.869	
8,200.0	7,090.6	8,189.8	7,040.6	27.9	27.7	-85.58	-1,181.8	246.1	662.3	607.7	54.59	12.134	
8,300.0	7,090.3	8,289.8	7,040.1	29.5	29.3	-85.57	-1,281.8	241.8	662.3	604.5	57.79	11.461	
8,400.0	7,089.9	8,389.8	7,039.6	31.1	30.9	-85.56	-1,381.7	237.5	662.3	601.2	61.06	10.846	
8,500.0	7,089.5	8,489.8	7,039.2	32.7	32.6	-85.55	-1,481.6	233.2	662.3	597.9	64.40	10.285	
8,600.0	7,089.2	8,589.8	7,038.7	34.4	34.2	-85.54	-1,581.5	228.9	662.3	594.5	67.78	9.771	
8,700.0	7,088.8	8,689.8	7,038.2	36.1	36.0	-85.53	-1,681.4	224.6	662.3	591.1	71.21	9.301	
8,800.0	7,088.4	8,789.8	7,037.7	37.8	37.7	-85.52	-1,781.3	220.3	662.3	587.6	74.67	8.870	
8,900.0	7,088.1	8,889.8	7,037.2	39.5	39.4	-85.51	-1,881.2	216.0	662.3	584.1	78.16	8.473	
9,000.0	7,087.7	8,989.8	7,036.7	41.3	41.2	-85.50	-1,981.1	211.7	662.3	580.6	81.69	8.107	
9,100.0	7,087.3	9,089.8	7,036.2	43.1	43.0	-85.49	-2,081.0	207.4	662.3	577.0	85.24	7.770	
9,200.0	7,087.0	9,189.8	7,035.7	44.8	44.8	-85.48	-2,180.9	203.1	662.3	573.5	88.81	7.457	
9,300.0	7,086.6	9,289.8	7,035.3	46.6	46.6	-85.47	-2,280.8	198.9	662.3	569.9	92.40	7.168	
9,400.0	7,086.2	9,389.8	7,034.8	48.4	48.4	-85.45	-2,380.7	194.6	662.2	566.2	96.00	6.898	
9,500.0	7,085.9	9,489.8	7,034.3	50.2	50.2	-85.44	-2,480.6	190.3	662.2	562.6	99.62	6.647	
9,600.0	7,085.5	9,589.8	7,033.8	52.0	52.0	-85.43	-2,580.5	186.0	662.2	559.0	103.26	6.413	
9,700.0	7,085.1	9,689.8	7,033.3	53.8	53.8	-85.42	-2,680.4	181.7	662.2	555.3	106.91	6.195	
9,800.0	7,084.8	9,789.8	7,032.8	55.7	55.6	-85.41	-2,780.4	177.4	662.2	551.7	110.56	5.990	
9,900.0	7,084.4	9,889.8	7,032.3	57.5	57.5	-85.40	-2,880.3	173.1	662.2	548.0	114.23	5.797	
10,000.0	7,084.0	9,989.8	7,031.8	59.3	59.3	-85.39	-2,980.2	168.8	662.2	544.3	117.91	5.616	
10,100.0	7,083.7	10,089.8	7,031.3	61.2	61.2	-85.38	-3,080.1	164.5	662.2	540.6	121.59	5.446	
10,200.0	7,083.3	10,189.8	7,030.9	63.0	63.0	-85.37	-3,180.0	160.2	662.2	536.9	125.29	5.286	

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack L-28HN - Wellbore #1 - Plan #1 (4-14-14)												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
10,300.0	7,082.9	10,289.8	7,030.4	64.9	64.9	-85.36	-3,279.9	155.9	662.2	533.2	128.98	5.134	
10,400.0	7,082.6	10,389.8	7,029.9	66.7	66.7	-85.35	-3,379.8	151.6	662.2	529.5	132.69	4.991	
10,500.0	7,082.2	10,489.8	7,029.4	68.6	68.6	-85.34	-3,479.7	147.4	662.2	525.8	136.40	4.855	
10,600.0	7,081.8	10,589.8	7,028.9	70.4	70.5	-85.33	-3,579.6	143.1	662.2	522.1	140.12	4.726	
10,700.0	7,081.5	10,689.8	7,028.4	72.3	72.3	-85.32	-3,679.5	138.8	662.2	518.3	143.84	4.604	
10,800.0	7,081.1	10,789.8	7,027.9	74.1	74.2	-85.31	-3,779.4	134.5	662.2	514.6	147.56	4.487	
10,900.0	7,080.7	10,889.8	7,027.4	76.0	76.1	-85.29	-3,879.3	130.2	662.2	510.9	151.29	4.377	
11,000.0	7,080.4	10,989.8	7,026.9	77.9	77.9	-85.28	-3,979.2	125.9	662.2	507.1	155.02	4.271	
11,100.0	7,080.0	11,089.8	7,026.5	79.7	79.8	-85.27	-4,079.1	121.6	662.2	503.4	158.76	4.171	
11,200.0	7,079.6	11,189.8	7,026.0	81.6	81.7	-85.26	-4,179.0	117.3	662.1	499.6	162.50	4.075	
11,300.0	7,079.3	11,289.8	7,025.5	83.5	83.5	-85.25	-4,279.0	113.0	662.1	495.9	166.24	3.983	
11,400.0	7,078.9	11,389.8	7,025.0	85.4	85.4	-85.24	-4,378.9	108.7	662.1	492.2	169.99	3.895	
11,500.0	7,078.5	11,489.8	7,024.5	87.2	87.3	-85.23	-4,478.8	104.4	662.1	488.4	173.74	3.811	
11,600.0	7,078.2	11,589.8	7,024.0	89.1	89.2	-85.22	-4,578.7	100.2	662.1	484.6	177.49	3.731	
11,602.3	7,078.2	11,592.1	7,024.0	89.2	89.2	-85.22	-4,581.0	100.1	662.1	484.6	177.57	3.729	
11,649.3	7,078.0	11,592.1	7,024.0	90.0	89.2	-85.22	-4,581.0	100.1	663.8	485.3	178.46	3.720 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance		Minimum		Separation		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	1.0	1.0	0.0	0.0	88.84	1.1	53.9	53.9	53.9	0.00	N/A	
100.0	100.0	101.0	101.0	0.1	0.1	88.84	1.1	53.9	53.9	53.7	0.23	237.535	
200.0	200.0	201.0	201.0	0.3	0.3	88.84	1.1	53.9	53.9	53.2	0.68	79.704	
300.0	300.0	301.0	301.0	0.6	0.6	88.84	1.1	53.9	53.9	52.8	1.13	47.886	
400.0	400.0	401.0	401.0	0.8	0.8	88.84	1.1	53.9	53.9	52.3	1.58	34.224	
500.0	500.0	501.0	501.0	1.0	1.0	88.84	1.1	53.9	53.9	51.9	2.03	26.627	
600.0	600.0	601.0	601.0	1.2	1.2	88.84	1.1	53.9	53.9	51.4	2.47	21.790	
700.0	700.0	701.0	701.0	1.5	1.5	88.84	1.1	53.9	53.9	51.0	2.92	18.440	
800.0	800.0	801.0	801.0	1.7	1.7	88.84	1.1	53.9	53.9	50.5	3.37	15.983	
900.0	900.0	901.0	901.0	1.9	1.9	88.84	1.1	53.9	53.9	50.1	3.82	14.104	
966.3	966.3	967.3	967.3	2.1	2.1	88.84	1.1	53.9	53.9	49.8	4.12	13.084 CC	
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	88.84	1.1	53.9	53.9	49.7	4.27	12.621 ES	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	88.31	1.6	55.6	55.6	50.9	4.71	11.802	
1,200.0	1,200.0	1,197.1	1,197.0	2.6	2.6	86.93	3.2	60.3	60.6	55.4	5.14	11.779	
1,300.0	1,300.0	1,294.5	1,294.0	2.8	2.8	150.12	5.9	68.3	70.4	64.8	5.57	12.635	
1,400.0	1,399.8	1,390.6	1,389.4	3.0	3.0	149.76	9.5	79.1	86.4	80.4	5.99	14.424	
1,500.0	1,499.5	1,485.0	1,482.7	3.2	3.3	149.91	14.0	92.8	108.6	102.2	6.42	16.932	
1,600.0	1,598.7	1,580.9	1,577.1	3.5	3.6	150.47	19.2	108.4	135.7	128.8	6.84	19.822	
1,700.0	1,697.8	1,676.8	1,671.6	3.7	3.9	151.23	24.4	124.2	163.8	156.5	7.28	22.502	
1,800.0	1,796.9	1,772.7	1,766.1	4.0	4.2	151.77	29.7	139.9	192.0	184.3	7.73	24.852	
1,900.0	1,896.0	1,868.7	1,860.6	4.3	4.5	152.17	34.9	155.6	220.2	212.0	8.18	26.919	
2,000.0	1,995.1	1,964.6	1,955.1	4.6	4.8	152.48	40.1	171.3	248.4	239.8	8.64	28.749	
2,100.0	2,094.2	2,060.5	2,049.6	4.9	5.2	152.73	45.3	187.0	276.6	267.5	9.11	30.376	
2,200.0	2,193.2	2,156.4	2,144.1	5.2	5.5	152.93	50.6	202.7	304.8	295.3	9.58	31.830	
2,300.0	2,292.3	2,252.4	2,238.6	5.5	5.9	153.09	55.8	218.4	333.1	323.0	10.05	33.134	
2,400.0	2,391.4	2,348.3	2,333.1	5.8	6.2	153.23	61.0	234.1	361.3	350.8	10.53	34.309	
2,500.0	2,490.5	2,444.2	2,427.6	6.1	6.6	153.36	66.2	249.8	389.5	378.5	11.01	35.372	
2,600.0	2,589.6	2,540.2	2,522.0	6.4	6.9	153.46	71.4	265.5	417.7	406.2	11.50	36.337	
2,700.0	2,688.7	2,636.1	2,616.5	6.8	7.3	153.55	76.7	281.2	446.0	434.0	11.98	37.217	
2,800.0	2,787.8	2,732.0	2,711.0	7.1	7.7	153.63	81.9	296.9	474.2	461.7	12.47	38.023	
2,900.0	2,886.9	2,828.0	2,805.5	7.4	8.0	153.70	87.1	312.6	502.4	489.4	12.96	38.762	
3,000.0	2,986.0	2,923.9	2,900.0	7.7	8.4	153.77	92.3	328.3	530.6	517.2	13.45	39.442	
3,100.0	3,085.0	3,019.8	2,994.5	8.0	8.8	153.82	97.5	344.0	558.9	544.9	13.95	40.070	
3,200.0	3,184.1	3,115.8	3,089.0	8.4	9.1	153.87	102.8	359.7	587.1	572.6	14.44	40.651	
3,300.0	3,283.2	3,211.7	3,183.5	8.7	9.5	153.92	108.0	375.4	615.3	600.4	14.94	41.190	
3,400.0	3,382.3	3,307.6	3,278.0	9.0	9.9	153.96	113.2	391.1	643.5	628.1	15.44	41.692	
3,500.0	3,481.4	3,403.6	3,372.5	9.3	10.2	154.00	118.4	406.8	671.8	655.8	15.93	42.159	
3,600.0	3,580.5	3,499.5	3,467.0	9.7	10.6	154.04	123.6	422.5	700.0	683.6	16.43	42.596	
3,700.0	3,679.6	3,595.4	3,561.5	10.0	11.0	154.07	128.9	438.2	728.2	711.3	16.93	43.005	
3,800.0	3,778.7	3,691.4	3,656.0	10.3	11.4	154.10	134.1	453.9	756.5	739.0	17.43	43.388	
3,900.0	3,877.8	3,787.3	3,750.5	10.7	11.7	154.13	139.3	469.6	784.7	766.8	17.94	43.749	
4,000.0	3,976.8	3,883.2	3,845.0	11.0	12.1	154.16	144.5	485.3	812.9	794.5	18.44	44.088	
4,100.0	4,075.9	3,979.2	3,939.5	11.3	12.5	154.18	149.8	501.0	841.2	822.2	18.94	44.407	
4,200.0	4,175.1	4,075.2	4,034.1	11.6	12.9	154.34	155.0	516.8	868.8	849.3	19.47	44.618	
4,300.0	4,274.6	4,172.1	4,129.5	11.9	13.2	154.47	160.3	532.6	893.7	873.7	19.98	44.727	
4,400.0	4,374.4	4,269.6	4,225.6	12.1	13.6	154.48	165.6	548.6	915.5	895.0	20.46	44.735	
4,500.0	4,474.4	4,367.8	4,322.3	12.2	14.0	154.38	170.9	564.7	934.2	913.3	20.92	44.652	
4,600.0	4,574.4	4,466.3	4,419.3	12.4	14.4	89.67	176.3	580.8	950.7	929.4	21.34	44.548	
4,700.0	4,674.4	4,569.8	4,521.3	12.6	14.8	89.34	181.9	597.7	967.1	945.3	21.80	44.356	
4,800.0	4,774.4	4,716.4	4,666.3	12.7	15.2	88.97	188.4	617.4	980.7	958.3	22.31	43.953	
4,900.0	4,874.4	4,864.7	4,814.0	12.9	15.5	88.74	192.7	630.2	989.3	966.5	22.80	43.400	
5,000.0	4,974.4	5,014.0	4,963.2	13.1	15.8	88.64	194.5	635.7	993.0	969.8	23.26	42.690	

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)												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	5,074.4	5,126.2	5,075.4	13.3	15.9	88.63	194.6	635.9	993.2	969.5	23.67	41.965	
5,200.0	5,174.4	5,226.2	5,175.4	13.5	16.1	88.63	194.6	635.9	993.2	969.1	24.06	41.274	
5,300.0	5,274.4	5,326.2	5,275.4	13.6	16.2	88.63	194.6	635.9	993.2	968.7	24.46	40.602	
5,400.0	5,374.4	5,426.2	5,375.4	13.8	16.4	88.63	194.6	635.9	993.2	968.3	24.86	39.949	
5,500.0	5,474.4	5,526.2	5,475.4	14.0	16.5	88.63	194.6	635.9	993.2	967.9	25.26	39.314	
5,600.0	5,574.4	5,626.2	5,575.4	14.2	16.7	88.63	194.6	635.9	993.2	967.5	25.67	38.696	
5,700.0	5,674.4	5,726.2	5,675.4	14.4	16.9	88.63	194.6	635.9	993.2	967.1	26.07	38.095	
5,800.0	5,774.4	5,826.2	5,775.4	14.6	17.0	88.63	194.6	635.9	993.2	966.7	26.48	37.511	
5,900.0	5,874.4	5,926.2	5,875.4	14.8	17.2	88.63	194.6	635.9	993.2	966.3	26.88	36.943	
6,000.0	5,974.4	6,026.2	5,975.4	15.0	17.3	88.63	194.6	635.9	993.2	965.9	27.29	36.389	
6,100.0	6,074.4	6,126.2	6,075.4	15.2	17.5	88.63	194.6	635.9	993.2	965.5	27.70	35.851	
6,200.0	6,174.4	6,226.2	6,175.4	15.4	17.7	88.63	194.6	635.9	993.2	965.1	28.12	35.326	
6,300.0	6,274.4	6,326.2	6,275.4	15.6	17.8	88.63	194.6	635.9	993.2	964.7	28.53	34.815	
6,400.0	6,374.4	6,426.2	6,375.4	15.7	18.0	88.63	194.6	635.9	993.2	964.3	28.94	34.318	
6,500.0	6,474.4	6,526.2	6,475.4	15.9	18.2	88.63	194.6	635.9	993.2	963.8	29.36	33.833	
6,600.0	6,574.4	6,631.7	6,580.8	16.1	18.3	-93.76	192.8	635.8	993.1	963.4	29.78	33.353	
6,700.0	6,673.2	6,745.4	6,692.2	16.3	18.4	-93.47	171.1	634.9	992.8	962.8	30.01	33.082	
6,800.0	6,767.5	6,857.3	6,794.7	16.4	18.5	-93.05	126.7	633.0	992.4	962.3	30.13	32.938	
6,900.0	6,853.7	6,967.1	6,883.8	16.4	18.5	-92.50	62.9	630.2	991.9	961.7	30.24	32.804	
7,000.0	6,928.8	7,074.4	6,956.0	16.5	18.5	-91.86	-16.1	626.8	991.5	961.0	30.47	32.543	
7,100.0	6,990.0	7,179.0	7,009.5	16.6	18.6	-91.16	-105.7	623.0	991.1	960.2	30.94	32.033	
7,200.0	7,034.9	7,280.9	7,043.3	16.8	18.8	-90.43	-201.6	618.9	990.9	959.2	31.74	31.217	
7,300.0	7,062.1	7,380.8	7,061.8	17.3	19.1	-89.92	-299.6	614.6	990.9	958.0	32.91	30.110	
7,395.1	7,077.9	7,475.7	7,075.1	17.9	19.7	-89.78	-393.4	610.6	990.9	956.5	34.36	28.835	
7,400.0	7,079.2	7,480.5	7,075.6	17.9	19.7	-89.73	-398.2	610.4	990.9	956.4	34.44	28.772	
7,500.0	7,090.3	7,579.7	7,080.8	18.8	20.4	-89.39	-497.2	606.1	990.9	954.6	36.28	27.314	
7,600.0	7,092.8	7,679.5	7,080.4	19.8	21.4	-89.23	-596.8	601.9	990.9	952.5	38.40	25.802	
7,700.0	7,092.5	7,779.5	7,080.0	20.9	22.4	-89.22	-696.7	597.6	990.9	950.1	40.77	24.303	
7,800.0	7,092.1	7,879.5	7,079.5	22.1	23.6	-89.21	-796.7	593.3	990.9	947.5	43.35	22.858	
7,900.0	7,091.7	7,979.5	7,079.0	23.5	24.9	-89.20	-896.6	589.0	990.8	944.7	46.10	21.495	
8,000.0	7,091.4	8,079.5	7,078.5	24.9	26.2	-89.20	-996.5	584.7	990.8	941.8	48.99	20.225	
8,100.0	7,091.0	8,179.5	7,078.0	26.4	27.6	-89.19	-1,096.4	580.4	990.8	938.8	52.00	19.052	
8,200.0	7,090.6	8,279.5	7,077.5	27.9	29.1	-89.18	-1,196.3	576.1	990.8	935.7	55.12	17.976	
8,300.0	7,090.3	8,379.5	7,077.0	29.5	30.7	-89.18	-1,296.2	571.8	990.8	932.4	58.32	16.989	
8,400.0	7,089.9	8,479.5	7,076.5	31.1	32.2	-89.17	-1,396.1	567.5	990.7	929.1	61.58	16.087	
8,500.0	7,089.5	8,579.5	7,076.0	32.7	33.8	-89.16	-1,496.0	563.2	990.7	925.8	64.91	15.262	
8,600.0	7,089.2	8,679.5	7,075.6	34.4	35.5	-89.15	-1,595.9	558.9	990.7	922.4	68.30	14.506	
8,700.0	7,088.8	8,779.5	7,075.1	36.1	37.1	-89.15	-1,695.8	554.6	990.7	918.9	71.72	13.813	
8,800.0	7,088.4	8,879.5	7,074.6	37.8	38.8	-89.14	-1,795.7	550.3	990.6	915.5	75.18	13.176	
8,900.0	7,088.1	8,979.5	7,074.1	39.5	40.5	-89.13	-1,895.6	546.0	990.6	911.9	78.68	12.590	
9,000.0	7,087.7	9,079.5	7,073.6	41.3	42.2	-89.13	-1,995.5	541.7	990.6	908.4	82.21	12.050	
9,100.0	7,087.3	9,179.5	7,073.1	43.1	44.0	-89.12	-2,095.4	537.4	990.6	904.8	85.76	11.551	
9,200.0	7,087.0	9,279.5	7,072.6	44.8	45.7	-89.11	-2,195.3	533.1	990.6	901.2	89.33	11.089	
9,300.0	7,086.6	9,379.5	7,072.1	46.6	47.5	-89.10	-2,295.3	528.8	990.5	897.6	92.92	10.660	
9,400.0	7,086.2	9,479.5	7,071.6	48.4	49.3	-89.10	-2,395.2	524.5	990.5	894.0	96.53	10.261	
9,500.0	7,085.9	9,579.5	7,071.2	50.2	51.1	-89.09	-2,495.1	520.2	990.5	890.3	100.16	9.889	
9,600.0	7,085.5	9,679.5	7,070.7	52.0	52.8	-89.08	-2,595.0	515.9	990.5	886.7	103.80	9.542	
9,700.0	7,085.1	9,779.5	7,070.2	53.8	54.6	-89.08	-2,694.9	511.6	990.5	883.0	107.45	9.218	
9,800.0	7,084.8	9,879.5	7,069.7	55.7	56.5	-89.07	-2,794.8	507.3	990.4	879.3	111.12	8.913	
9,900.0	7,084.4	9,979.5	7,069.2	57.5	58.3	-89.06	-2,894.7	503.0	990.4	875.6	114.79	8.628	
10,000.0	7,084.0	10,079.5	7,068.7	59.3	60.1	-89.06	-2,994.6	498.7	990.4	871.9	118.47	8.360	
10,100.0	7,083.7	10,179.4	7,068.2	61.2	61.9	-89.05	-3,094.5	494.4	990.4	868.2	122.17	8.107	

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 Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)												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
10,200.0	7,083.3	10,279.4	7,067.7	63.0	63.7	-89.04	-3,194.4	490.1	990.3	864.5	125.87	7.868	
10,300.0	7,082.9	10,379.4	7,067.2	64.9	65.6	-89.03	-3,294.3	485.8	990.3	860.8	129.57	7.643	
10,400.0	7,082.6	10,479.4	7,066.8	66.7	67.4	-89.03	-3,394.2	481.5	990.3	857.0	133.29	7.430	
10,500.0	7,082.2	10,579.4	7,066.3	68.6	69.3	-89.02	-3,494.1	477.2	990.3	853.3	137.00	7.228	
10,600.0	7,081.8	10,679.4	7,065.8	70.4	71.1	-89.01	-3,594.0	472.9	990.3	849.5	140.73	7.037	
10,700.0	7,081.5	10,779.4	7,065.3	72.3	73.0	-89.01	-3,693.9	468.6	990.2	845.8	144.46	6.855	
10,800.0	7,081.1	10,879.4	7,064.8	74.1	74.8	-89.00	-3,793.8	464.3	990.2	842.0	148.19	6.682	
10,900.0	7,080.7	10,979.4	7,064.3	76.0	76.7	-88.99	-3,893.8	460.0	990.2	838.3	151.93	6.517	
11,000.0	7,080.4	11,079.4	7,063.8	77.9	78.5	-88.98	-3,993.7	455.7	990.2	834.5	155.67	6.361	
11,100.0	7,080.0	11,179.4	7,063.3	79.7	80.4	-88.98	-4,093.6	451.4	990.2	830.7	159.42	6.211	
11,200.0	7,079.6	11,279.4	7,062.9	81.6	82.3	-88.97	-4,193.5	447.1	990.1	827.0	163.17	6.068	
11,300.0	7,079.3	11,379.4	7,062.4	83.5	84.1	-88.96	-4,293.4	442.8	990.1	823.2	166.92	5.932	
11,400.0	7,078.9	11,479.4	7,061.9	85.4	86.0	-88.96	-4,393.3	438.5	990.1	819.4	170.68	5.801	
11,500.0	7,078.5	11,579.4	7,061.4	87.2	87.9	-88.95	-4,493.2	434.2	990.1	815.6	174.44	5.676	
11,563.4	7,078.3	11,642.8	7,061.1	88.4	88.9	-88.94	-4,556.5	431.5	990.1	813.4	176.67	5.604	
11,600.0	7,078.2	11,658.2	7,061.0	89.1	89.1	-88.94	-4,571.9	430.8	990.3	812.7	177.59	5.576	
11,649.3	7,078.0	11,658.2	7,061.0	90.0	89.1	-88.94	-4,571.9	430.8	992.6	814.0	178.52	5.560 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Offset Design Mojack 28-C Pad (East) Sec.28-T7N-R64W - Mojack N-28HN - Wellbore #1 - Plan #1 (4-14-14)												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
0.0	0.0	1.0	1.0	0.0	0.0	88.84	1.5	72.0	72.0	72.0	0.00	N/A	
100.0	100.0	101.0	101.0	0.1	0.1	88.84	1.5	72.0	72.0	71.8	0.23	317.121	
200.0	200.0	201.0	201.0	0.3	0.3	88.84	1.5	72.0	72.0	71.3	0.68	106.409	
300.0	300.0	301.0	301.0	0.6	0.6	88.84	1.5	72.0	72.0	70.9	1.13	63.931	
400.0	400.0	401.0	401.0	0.8	0.8	88.84	1.5	72.0	72.0	70.4	1.58	45.691	
500.0	500.0	501.0	501.0	1.0	1.0	88.84	1.5	72.0	72.0	70.0	2.03	35.549	
566.3	566.3	567.3	567.3	1.2	1.2	88.84	1.5	72.0	72.0	69.7	2.32	30.986 CC	
600.0	600.0	600.0	600.0	1.2	1.2	88.84	1.5	72.0	72.0	69.5	2.47	29.120 ES	
700.0	700.0	698.5	698.5	1.5	1.4	88.55	1.9	73.6	73.7	70.8	2.91	25.327	
800.0	800.0	795.9	795.7	1.7	1.7	87.77	3.1	78.5	78.7	75.4	3.34	23.550	
900.0	900.0	892.8	892.3	1.9	1.9	86.68	5.0	86.5	87.1	83.3	3.79	22.981 SF	
1,000.0	1,000.0	989.0	987.8	2.1	2.1	85.47	7.7	97.6	98.8	94.5	4.26	23.209	
1,100.0	1,100.0	1,086.5	1,084.3	2.4	2.4	84.29	11.1	111.5	113.3	108.5	4.75	23.833	
1,200.0	1,200.0	1,185.4	1,182.0	2.6	2.7	83.36	14.6	125.8	128.1	122.8	5.27	24.310	
1,300.0	1,300.0	1,284.0	1,279.6	2.8	3.0	147.24	18.2	140.1	144.3	138.8	5.56	25.944	
1,400.0	1,399.8	1,382.2	1,376.6	3.0	3.3	147.42	21.6	154.3	163.5	157.5	6.00	27.265	
1,500.0	1,499.5	1,479.7	1,473.0	3.2	3.7	148.07	25.1	168.5	185.6	179.1	6.43	28.870	
1,600.0	1,598.7	1,576.4	1,568.7	3.5	4.0	149.05	28.5	182.5	210.6	203.7	6.86	30.692	
1,700.0	1,697.8	1,672.8	1,664.0	3.7	4.3	150.16	32.0	196.5	236.7	229.4	7.31	32.388	
1,800.0	1,796.9	1,769.3	1,759.4	4.0	4.7	151.05	35.4	210.4	263.0	255.2	7.76	33.865	
1,900.0	1,896.0	1,865.7	1,854.7	4.3	5.0	151.79	38.8	224.4	289.2	281.0	8.23	35.161	
2,000.0	1,995.1	1,962.1	1,950.0	4.6	5.3	152.40	42.3	238.4	315.6	306.9	8.69	36.306	
2,100.0	2,094.2	2,058.5	2,045.4	4.9	5.7	152.91	45.7	252.4	341.9	332.7	9.16	37.322	
2,200.0	2,193.2	2,155.0	2,140.7	5.2	6.0	153.35	49.1	266.4	368.3	358.6	9.63	38.230	
2,300.0	2,292.3	2,251.4	2,236.1	5.5	6.3	153.74	52.5	280.3	394.7	384.6	10.11	39.044	
2,400.0	2,391.4	2,347.8	2,331.4	5.8	6.7	154.07	56.0	294.3	421.1	410.5	10.59	39.778	
2,500.0	2,490.5	2,444.2	2,426.8	6.1	7.0	154.37	59.4	308.3	447.5	436.4	11.06	40.443	
2,600.0	2,589.6	2,540.7	2,522.1	6.4	7.4	154.63	62.8	322.3	473.9	462.4	11.55	41.047	
2,700.0	2,688.7	2,637.1	2,617.5	6.8	7.7	154.87	66.2	336.3	500.3	488.3	12.03	41.599	
2,800.0	2,787.8	2,733.5	2,712.8	7.1	8.0	155.08	69.7	350.2	526.8	514.3	12.51	42.104	
2,900.0	2,886.9	2,829.9	2,808.1	7.4	8.4	155.27	73.1	364.2	553.2	540.2	13.00	42.568	
3,000.0	2,986.0	2,926.3	2,903.5	7.7	8.7	155.44	76.5	378.2	579.7	566.2	13.48	42.996	
3,100.0	3,085.0	3,022.8	2,998.8	8.0	9.1	155.60	80.0	392.2	606.1	592.1	13.97	43.392	
3,200.0	3,184.1	3,119.2	3,094.2	8.4	9.4	155.75	83.4	406.2	632.6	618.1	14.46	43.759	
3,300.0	3,283.2	3,215.6	3,189.5	8.7	9.8	155.88	86.8	420.1	659.0	644.1	14.94	44.099	
3,400.0	3,382.3	3,312.0	3,284.9	9.0	10.1	156.00	90.2	434.1	685.5	670.1	15.43	44.417	
3,500.0	3,481.4	3,408.5	3,380.2	9.3	10.5	156.12	93.7	448.1	712.0	696.0	15.92	44.713	
3,600.0	3,580.5	3,504.9	3,475.6	9.7	10.8	156.22	97.1	462.1	738.4	722.0	16.41	44.990	
3,700.0	3,679.6	3,601.3	3,570.9	10.0	11.1	156.32	100.5	476.1	764.9	748.0	16.90	45.250	
3,800.0	3,778.7	3,697.7	3,666.2	10.3	11.5	156.41	103.9	490.0	791.4	774.0	17.40	45.494	
3,900.0	3,877.8	3,794.2	3,761.6	10.7	11.8	156.50	107.4	504.0	817.9	800.0	17.89	45.723	
4,000.0	3,976.8	3,890.6	3,856.9	11.0	12.2	156.58	110.8	518.0	844.3	826.0	18.38	45.939	
4,100.0	4,075.9	3,987.0	3,952.3	11.3	12.5	156.66	114.2	532.0	870.8	851.9	18.87	46.143	
4,200.0	4,175.1	4,083.6	4,047.8	11.6	12.9	156.84	117.7	546.0	896.7	877.3	19.39	46.238	
4,300.0	4,274.6	4,180.9	4,144.0	11.9	13.2	156.99	121.1	560.1	919.7	899.8	19.89	46.234	
4,400.0	4,374.4	4,278.9	4,240.9	12.1	13.6	157.04	124.6	574.3	939.6	919.2	20.37	46.131	
4,500.0	4,474.4	4,377.4	4,338.3	12.2	13.9	156.98	128.1	588.6	956.3	935.5	20.82	45.939	
4,600.0	4,574.4	4,476.3	4,436.1	12.4	14.3	92.34	131.6	602.9	970.8	949.5	21.24	45.703	
4,700.0	4,674.4	4,575.2	4,533.8	12.6	14.6	92.10	135.1	617.3	985.1	963.5	21.69	45.421	
4,800.0	4,774.4	4,674.1	4,631.6	12.7	15.0	91.87	138.6	631.6	999.5	977.4	22.14	45.149	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack J-28HN
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4921.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack J-28HN	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (4-14-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4921.5ft (RKB - 22.5')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000 °

Coordinates are relative to: Mojack J-28HN
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.61°



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