

Bayswater Exploration & Production, LLC

Well Name: **Mojack P-28HC**

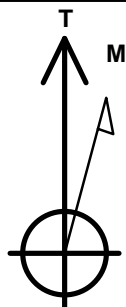
Surface Location: Mojack 28-C Pad (East) Sec.28-T7N-R64W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4901.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1444866.60	3263647.39	40.550687	-104.551239	
RKB - 22.5' WELL @ 4923.5ft (RKB - 22.5')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 230'FNL & 1680'FEL	1.0	0.0	0.0	Point
BHL 465'FSL & 201'FEL	7158.0	-4546.3	1315.3	Point



Azimuths to True North
Magnetic North: 8.38°

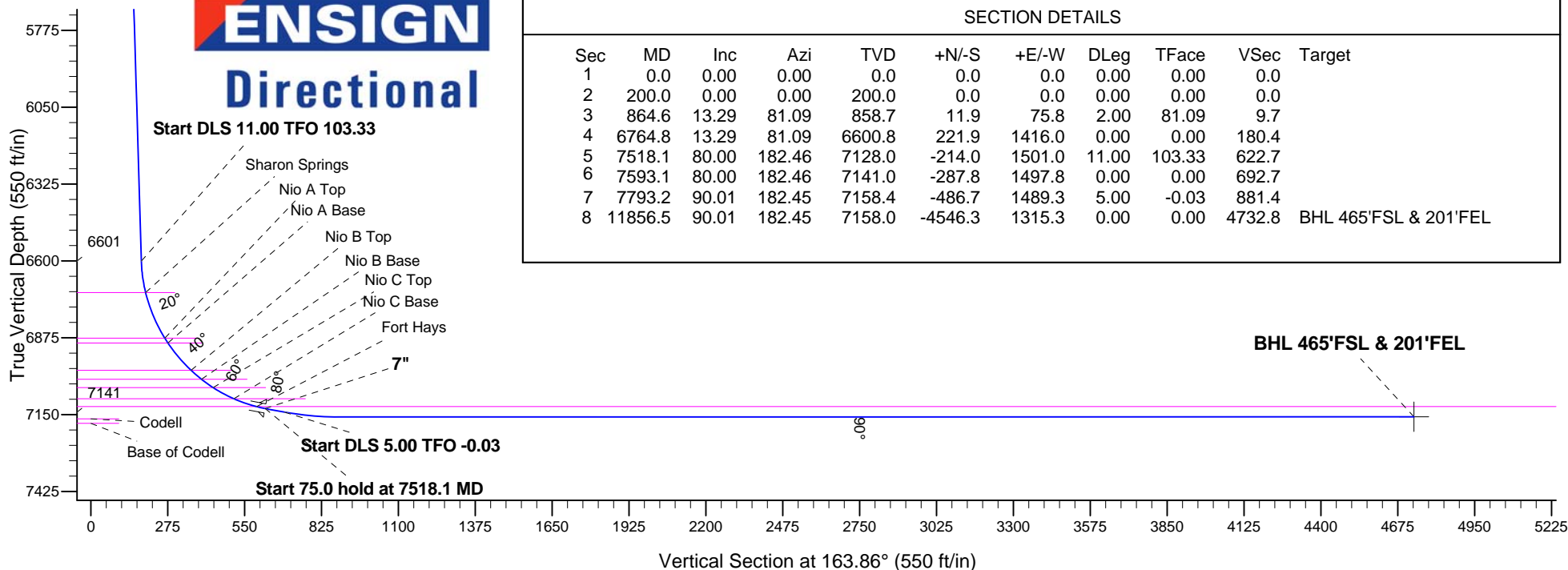
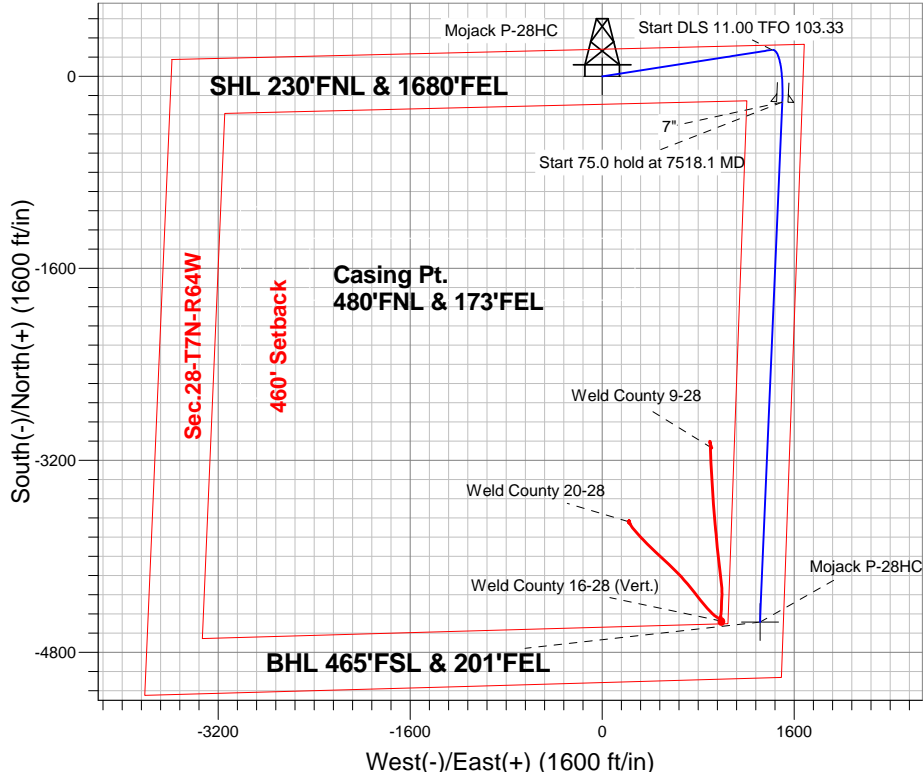
Magnetic Field
Strength: 52933.2snT
Dip Angle: 67.11°
Date: 4/14/2014
Model: IGRF2010

Mojack 28-C Pad (East) Sec.28-T7N-R64W
Mojack P-28HC
Plan #1 (4-14-14)
11:58, April 24 2014

ANNOTATIONS

TVD	MD	Annotation
200.0	200.0	KOP - Start Build 2.00
6600.8	6764.8	Start DLS 11.00 TFO 103.33
7128.0	7518.1	Start 75.0 hold at 7518.1 MD
7141.0	7593.1	Start DLS 5.00 TFO -0.03
7158.0	11856.5	TD at 11856.5

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	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	864.6	13.29	81.09	858.7	11.9	75.8	2.00	81.09	9.7	
4	6764.8	13.29	81.09	6600.8	221.9	1416.0	0.00	0.00	180.4	
5	7518.1	80.00	182.46	7128.0	-214.0	1501.0	11.00	103.33	622.7	
6	7593.1	80.00	182.46	7141.0	-287.8	1497.8	0.00	0.00	692.7	
7	7793.2	90.01	182.45	7158.4	-486.7	1489.3	5.00	-0.03	881.4	
8	11856.5	90.01	182.45	7158.0	-4546.3	1315.3	0.00	0.00	4732.8	BHL 465'FSL & 201'FEL



Bayswater Exploration & Production, LLC

SEC.28-T7N-R64W

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

Mojack P-28HC

Wellbore #1

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

Standard Planning Report

24 April, 2014



Database:	Landmark	Local Co-ordinate Reference:	Well Mojack P-28HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack P-28HC	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 P-28HC					
Well Position	+N-S	2.9 ft	Northing:	1,444,866.60 ft	Latitude:	40.550687
	+E-W	125.9 ft	Easting:	3,263,647.39 ft	Longitude:	-104.551239
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,901.0 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	163.86	

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
864.6	13.29	81.09	858.7	11.9	75.8	2.00	2.00	0.00	81.09	
6,764.8	13.29	81.09	6,600.8	221.9	1,416.0	0.00	0.00	0.00	0.00	
7,518.1	80.00	182.46	7,128.0	-214.0	1,501.0	11.00	8.86	13.46	103.33	
7,593.1	80.00	182.46	7,141.0	-287.8	1,497.8	0.00	0.00	0.00	0.00	
7,793.2	90.01	182.45	7,158.4	-486.7	1,489.3	5.00	5.00	0.00	-0.03	
11,856.5	90.01	182.45	7,158.0	-4,546.3	1,315.3	0.00	0.00	0.00	0.00	BHL 465'FSL & 201

Database:	Landmark	Local Co-ordinate Reference:	Well Mojack P-28HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack P-28HC	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 & 1680°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
KOP - Start Build 2.00									
300.0	2.00	81.09	300.0	0.3	1.7	0.2	2.00	2.00	0.00
400.0	4.00	81.09	399.8	1.1	6.9	0.9	2.00	2.00	0.00
500.0	6.00	81.09	499.5	2.4	15.5	2.0	2.00	2.00	0.00
600.0	8.00	81.09	598.7	4.3	27.5	3.5	2.00	2.00	0.00
700.0	10.00	81.09	697.5	6.7	43.0	5.5	2.00	2.00	0.00
800.0	12.00	81.09	795.6	9.7	61.8	7.9	2.00	2.00	0.00
864.6	13.29	81.09	858.7	11.9	75.8	9.7	2.00	2.00	0.00
900.0	13.29	81.09	893.1	13.1	83.9	10.7	0.00	0.00	0.00
1,000.0	13.29	81.09	990.4	16.7	106.6	13.6	0.00	0.00	0.00
1,100.0	13.29	81.09	1,087.7	20.3	129.3	16.5	0.00	0.00	0.00
1,200.0	13.29	81.09	1,185.1	23.8	152.0	19.4	0.00	0.00	0.00
1,300.0	13.29	81.09	1,282.4	27.4	174.7	22.3	0.00	0.00	0.00
1,400.0	13.29	81.09	1,379.7	30.9	197.4	25.1	0.00	0.00	0.00
1,500.0	13.29	81.09	1,477.0	34.5	220.1	28.0	0.00	0.00	0.00
1,600.0	13.29	81.09	1,574.4	38.1	242.9	30.9	0.00	0.00	0.00
1,700.0	13.29	81.09	1,671.7	41.6	265.6	33.8	0.00	0.00	0.00
1,800.0	13.29	81.09	1,769.0	45.2	288.3	36.7	0.00	0.00	0.00
1,900.0	13.29	81.09	1,866.3	48.7	311.0	39.6	0.00	0.00	0.00
2,000.0	13.29	81.09	1,963.6	52.3	333.7	42.5	0.00	0.00	0.00
2,100.0	13.29	81.09	2,061.0	55.9	356.4	45.4	0.00	0.00	0.00
2,200.0	13.29	81.09	2,158.3	59.4	379.1	48.3	0.00	0.00	0.00
2,300.0	13.29	81.09	2,255.6	63.0	401.9	51.2	0.00	0.00	0.00
2,400.0	13.29	81.09	2,352.9	66.5	424.6	54.1	0.00	0.00	0.00
2,500.0	13.29	81.09	2,450.2	70.1	447.3	57.0	0.00	0.00	0.00
2,600.0	13.29	81.09	2,547.6	73.7	470.0	59.9	0.00	0.00	0.00
2,700.0	13.29	81.09	2,644.9	77.2	492.7	62.8	0.00	0.00	0.00
2,800.0	13.29	81.09	2,742.2	80.8	515.4	65.7	0.00	0.00	0.00
2,900.0	13.29	81.09	2,839.5	84.3	538.1	68.5	0.00	0.00	0.00
3,000.0	13.29	81.09	2,936.8	87.9	560.9	71.4	0.00	0.00	0.00
3,100.0	13.29	81.09	3,034.2	91.4	583.6	74.3	0.00	0.00	0.00
3,200.0	13.29	81.09	3,131.5	95.0	606.3	77.2	0.00	0.00	0.00
3,300.0	13.29	81.09	3,228.8	98.6	629.0	80.1	0.00	0.00	0.00
3,400.0	13.29	81.09	3,326.1	102.1	651.7	83.0	0.00	0.00	0.00
3,500.0	13.29	81.09	3,423.5	105.7	674.4	85.9	0.00	0.00	0.00
3,600.0	13.29	81.09	3,520.8	109.2	697.1	88.8	0.00	0.00	0.00
3,700.0	13.29	81.09	3,618.1	112.8	719.9	91.7	0.00	0.00	0.00
3,800.0	13.29	81.09	3,715.4	116.4	742.6	94.6	0.00	0.00	0.00
3,900.0	13.29	81.09	3,812.7	119.9	765.3	97.5	0.00	0.00	0.00
3,905.9	13.29	81.09	3,818.5	120.1	766.6	97.7	0.00	0.00	0.00
Parkman									
4,000.0	13.29	81.09	3,910.1	123.5	788.0	100.4	0.00	0.00	0.00
4,100.0	13.29	81.09	4,007.4	127.0	810.7	103.3	0.00	0.00	0.00
4,200.0	13.29	81.09	4,104.7	130.6	833.4	106.2	0.00	0.00	0.00
4,300.0	13.29	81.09	4,202.0	134.2	856.1	109.1	0.00	0.00	0.00
4,400.0	13.29	81.09	4,299.3	137.7	878.9	111.9	0.00	0.00	0.00
4,500.0	13.29	81.09	4,396.7	141.3	901.6	114.8	0.00	0.00	0.00
4,600.0	13.29	81.09	4,494.0	144.8	924.3	117.7	0.00	0.00	0.00

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Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack P-28HC	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)
4,687.9	13.29	81.09	4,579.5	148.0	944.2	120.3	0.00	0.00	0.00
Sussex									
4,700.0	13.29	81.09	4,591.3	148.4	947.0	120.6	0.00	0.00	0.00
4,800.0	13.29	81.09	4,688.6	152.0	969.7	123.5	0.00	0.00	0.00
4,900.0	13.29	81.09	4,785.9	155.5	992.4	126.4	0.00	0.00	0.00
5,000.0	13.29	81.09	4,883.3	159.1	1,015.1	129.3	0.00	0.00	0.00
5,100.0	13.29	81.09	4,980.6	162.6	1,037.9	132.2	0.00	0.00	0.00
5,200.0	13.29	81.09	5,077.9	166.2	1,060.6	135.1	0.00	0.00	0.00
5,269.4	13.29	81.09	5,145.5	168.7	1,076.4	137.1	0.00	0.00	0.00
Shannon									
5,300.0	13.29	81.09	5,175.2	169.8	1,083.3	138.0	0.00	0.00	0.00
5,400.0	13.29	81.09	5,272.6	173.3	1,106.0	140.9	0.00	0.00	0.00
5,500.0	13.29	81.09	5,369.9	176.9	1,128.7	143.8	0.00	0.00	0.00
5,600.0	13.29	81.09	5,467.2	180.4	1,151.4	146.7	0.00	0.00	0.00
5,700.0	13.29	81.09	5,564.5	184.0	1,174.1	149.6	0.00	0.00	0.00
5,800.0	13.29	81.09	5,661.8	187.6	1,196.9	152.5	0.00	0.00	0.00
5,900.0	13.29	81.09	5,759.2	191.1	1,219.6	155.3	0.00	0.00	0.00
6,000.0	13.29	81.09	5,856.5	194.7	1,242.3	158.2	0.00	0.00	0.00
6,100.0	13.29	81.09	5,953.8	198.2	1,265.0	161.1	0.00	0.00	0.00
6,200.0	13.29	81.09	6,051.1	201.8	1,287.7	164.0	0.00	0.00	0.00
6,300.0	13.29	81.09	6,148.4	205.4	1,310.4	166.9	0.00	0.00	0.00
6,400.0	13.29	81.09	6,245.8	208.9	1,333.1	169.8	0.00	0.00	0.00
6,500.0	13.29	81.09	6,343.1	212.5	1,355.9	172.7	0.00	0.00	0.00
6,600.0	13.29	81.09	6,440.4	216.0	1,378.6	175.6	0.00	0.00	0.00
6,700.0	13.29	81.09	6,537.7	219.6	1,401.3	178.5	0.00	0.00	0.00
6,764.8	13.29	81.09	6,600.8	221.9	1,416.0	180.4	0.00	0.00	0.00
Start DLS 11.00 TFO 103.33									
6,800.0	12.95	98.12	6,635.1	222.0	1,423.9	182.5	10.99	-0.98	48.38
6,880.9	16.08	132.00	6,713.5	213.2	1,441.2	195.8	11.00	3.87	41.89
Sharon Springs									
6,900.0	17.40	137.69	6,731.8	209.3	1,445.1	200.6	11.00	6.91	29.75
7,000.0	25.99	156.70	6,824.8	178.0	1,463.9	235.8	11.00	8.59	19.01
7,059.1	31.75	163.00	6,876.5	151.2	1,473.6	264.3	11.00	9.73	10.67
Nio A Top									
7,079.3	33.77	164.70	6,893.5	140.7	1,476.6	275.2	11.00	10.01	8.41
Nio A Base									
7,100.0	35.86	166.27	6,910.5	129.3	1,479.6	287.0	11.00	10.12	7.56
7,200.0	46.20	172.06	6,985.9	64.9	1,491.6	352.2	11.00	10.33	5.79
7,208.2	47.06	172.44	6,991.5	59.0	1,492.4	358.1	11.00	10.47	4.66
Nio B Top									
7,257.7	52.25	174.54	7,023.5	21.5	1,496.6	395.2	11.00	10.51	4.25
Nio B Base									
7,300.0	56.73	176.12	7,048.1	-12.8	1,499.4	429.0	11.00	10.58	3.72
7,310.0	57.79	176.47	7,053.5	-21.2	1,500.0	437.2	11.00	10.60	3.48
Nio C Top									
7,396.4	66.99	179.19	7,093.5	-97.6	1,502.8	511.4	11.00	10.64	3.15
Nio C Base									
7,400.0	67.37	179.29	7,094.9	-100.9	1,502.8	514.6	11.00	10.67	2.90
7,486.1	76.57	181.64	7,121.5	-182.7	1,502.1	592.9	11.00	10.69	2.73
Fort Hays									
7,500.0	78.06	182.00	7,124.6	-196.3	1,501.7	605.9	11.00	10.71	2.59
7,518.1	80.00	182.46	7,128.0	-214.0	1,501.0	622.7	10.99	10.70	2.55

Database:	Landmark	Local Co-ordinate Reference:	Well Mojack P-28HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack P-28HC	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)
Start 75.0 hold at 7518.1 MD - 7"									
7,593.1	80.00	182.46	7,141.0	-287.8	1,497.8	692.7	0.00	0.00	0.00
Start DLS 5.00 TFO -0.03									
7,600.0	80.35	182.46	7,142.2	-294.6	1,497.5	699.2	5.02	5.02	0.00
7,700.0	85.35	182.46	7,154.7	-393.7	1,493.3	793.2	5.00	5.00	0.00
7,793.2	90.01	182.45	7,158.4	-486.7	1,489.3	881.4	5.00	5.00	0.00
7,800.0	90.01	182.45	7,158.4	-493.5	1,489.0	887.9	0.00	0.00	0.00
7,900.0	90.01	182.45	7,158.4	-593.4	1,484.7	982.7	0.00	0.00	0.00
8,000.0	90.01	182.45	7,158.4	-693.3	1,480.4	1,077.4	0.00	0.00	0.00
8,100.0	90.01	182.45	7,158.4	-793.2	1,476.2	1,172.2	0.00	0.00	0.00
8,200.0	90.01	182.45	7,158.4	-893.1	1,471.9	1,267.0	0.00	0.00	0.00
8,300.0	90.01	182.45	7,158.4	-993.1	1,467.6	1,361.8	0.00	0.00	0.00
8,400.0	90.01	182.45	7,158.4	-1,093.0	1,463.3	1,456.6	0.00	0.00	0.00
8,500.0	90.01	182.45	7,158.4	-1,192.9	1,459.0	1,551.4	0.00	0.00	0.00
8,600.0	90.01	182.45	7,158.3	-1,292.8	1,454.7	1,646.1	0.00	0.00	0.00
8,700.0	90.01	182.45	7,158.3	-1,392.7	1,450.5	1,740.9	0.00	0.00	0.00
8,800.0	90.01	182.45	7,158.3	-1,492.6	1,446.2	1,835.7	0.00	0.00	0.00
8,900.0	90.01	182.45	7,158.3	-1,592.5	1,441.9	1,930.5	0.00	0.00	0.00
9,000.0	90.01	182.45	7,158.3	-1,692.4	1,437.6	2,025.3	0.00	0.00	0.00
9,100.0	90.01	182.45	7,158.3	-1,792.3	1,433.3	2,120.0	0.00	0.00	0.00
9,200.0	90.01	182.45	7,158.3	-1,892.2	1,429.0	2,214.8	0.00	0.00	0.00
9,300.0	90.01	182.45	7,158.3	-1,992.1	1,424.8	2,309.6	0.00	0.00	0.00
9,400.0	90.01	182.45	7,158.3	-2,092.0	1,420.5	2,404.4	0.00	0.00	0.00
9,500.0	90.01	182.45	7,158.3	-2,192.0	1,416.2	2,499.2	0.00	0.00	0.00
9,600.0	90.01	182.45	7,158.2	-2,291.9	1,411.9	2,594.0	0.00	0.00	0.00
9,700.0	90.01	182.45	7,158.2	-2,391.8	1,407.6	2,688.7	0.00	0.00	0.00
9,800.0	90.01	182.45	7,158.2	-2,491.7	1,403.3	2,783.5	0.00	0.00	0.00
9,900.0	90.01	182.45	7,158.2	-2,591.6	1,399.1	2,878.3	0.00	0.00	0.00
10,000.0	90.01	182.45	7,158.2	-2,691.5	1,394.8	2,973.1	0.00	0.00	0.00
10,100.0	90.01	182.45	7,158.2	-2,791.4	1,390.5	3,067.9	0.00	0.00	0.00
10,200.0	90.01	182.45	7,158.2	-2,891.3	1,386.2	3,162.7	0.00	0.00	0.00
10,300.0	90.01	182.45	7,158.2	-2,991.2	1,381.9	3,257.4	0.00	0.00	0.00
10,400.0	90.01	182.45	7,158.2	-3,091.1	1,377.6	3,352.2	0.00	0.00	0.00
10,500.0	90.01	182.45	7,158.1	-3,191.0	1,373.4	3,447.0	0.00	0.00	0.00
10,600.0	90.01	182.45	7,158.1	-3,290.9	1,369.1	3,541.8	0.00	0.00	0.00
10,700.0	90.01	182.45	7,158.1	-3,390.8	1,364.8	3,636.6	0.00	0.00	0.00
10,800.0	90.01	182.45	7,158.1	-3,490.8	1,360.5	3,731.3	0.00	0.00	0.00
10,900.0	90.01	182.45	7,158.1	-3,590.7	1,356.2	3,826.1	0.00	0.00	0.00
11,000.0	90.01	182.45	7,158.1	-3,690.6	1,351.9	3,920.9	0.00	0.00	0.00
11,100.0	90.01	182.45	7,158.1	-3,790.5	1,347.7	4,015.7	0.00	0.00	0.00
11,200.0	90.01	182.45	7,158.1	-3,890.4	1,343.4	4,110.5	0.00	0.00	0.00
11,300.0	90.01	182.45	7,158.1	-3,990.3	1,339.1	4,205.3	0.00	0.00	0.00
11,400.0	90.01	182.45	7,158.0	-4,090.2	1,334.8	4,300.0	0.00	0.00	0.00
11,500.0	90.01	182.45	7,158.0	-4,190.1	1,330.5	4,394.8	0.00	0.00	0.00
11,600.0	90.01	182.45	7,158.0	-4,290.0	1,326.3	4,489.6	0.00	0.00	0.00
11,700.0	90.01	182.45	7,158.0	-4,389.9	1,322.0	4,584.4	0.00	0.00	0.00
11,800.0	90.01	182.45	7,158.0	-4,489.8	1,317.7	4,679.2	0.00	0.00	0.00
11,856.5	90.01	182.45	7,158.0	-4,546.3	1,315.3	4,732.7	0.00	0.00	0.00
TD at 11856.5 - BHL 465'FSL & 201'FEL									

Database:	Landmark	Local Co-ordinate Reference:	Well Mojack P-28HC
Company:	Bayswater Exploration & Production, LLC	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Project:	SEC.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	North Reference:	True
Well:	Mojack P-28HC	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 (")
7,518.1	7,128.0	7"	7	7-1/2

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,905.9	3,818.5	Parkman				
4,687.9	4,579.5	Sussex				
5,269.4	5,145.5	Shannon				
6,880.9	6,713.5	Sharon Springs				
7,059.1	6,876.5	Nio A Top				
7,079.3	6,893.5	Nio A Base				
7,208.2	6,991.5	Nio B Top				
7,257.7	7,023.5	Nio B Base				
7,310.0	7,053.5	Nio C Top				
7,396.4	7,093.5	Nio C Base				
7,486.1	7,121.5	Fort Hays				
	7,165.5	Codell				
	7,181.5	Base of Codell				

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
200.0	200.0	0.0	0.0	KOP - Start Build 2.00
6,764.8	6,600.8	221.9	1,416.0	Start DLS 11.00 TFO 103.33
7,518.1	7,128.0	-214.0	1,501.0	Start 75.0 hold at 7518.1 MD
7,593.1	7,141.0	-287.8	1,497.8	Start DLS 5.00 TFO -0.03
11,856.5	7,158.0	-4,546.3	1,315.3	TD at 11856.5



Bayswater Exploration & Production, LLC

SEC.28-T7N-R64W

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

Mojack P-28HC

Wellbore #1

Plan #1 (4-14-14)

Anticollision Report

24 April, 2014



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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	11,855.5	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						
Mojack 28-C Pad (East) Sec.28-T7N-R64W						
Mojack L-28HN - Wellbore #1 - Plan #1 (4-14-14)	200.0	199.0	72.0	71.3	107.134	CC, ES
Mojack L-28HN - Wellbore #1 - Plan #1 (4-14-14)	4,000.0	3,974.1	615.8	595.7	30.625	SF
Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)	200.0	199.0	53.9	53.3	80.250	CC, ES
Mojack M-28HN - Wellbore #1 - Plan #1 (4-14-14)	11,856.5	11,587.0	994.8	820.1	5.696	SF
Mojack N-28HN - Wellbore #1 - Plan #1 (4-14-14)	200.0	199.0	35.9	35.2	53.368	CC, ES
Mojack N-28HN - Wellbore #1 - Plan #1 (4-14-14)	11,856.5	11,572.2	678.9	508.4	3.981	SF
Mojack O-28HN - Wellbore #1 - Plan #1 (4-14-14)	200.0	199.0	17.8	17.1	26.470	CC, ES
Mojack O-28HN - Wellbore #1 - Plan #1 (4-14-14)	11,856.5	11,694.4	367.9	209.9	2.328	SF
Weld County 9-28 Pad Sec.28-T7N-R64W						
Weld County 16-28 (Vert.) - Wellbore #1 - Wellbore #1	11,856.5	7,119.5	321.7	90.9	1.394	Level 3, CC, ES, SF
Weld County 20-28 - Wellbore #1 - Wellbore #1						Out of range
Weld County 9-28 - Wellbore #1 - Wellbore #1	10,414.7	7,379.2	467.9	377.0	5.147	CC, ES
Weld County 9-28 - Wellbore #1 - Wellbore #1	10,500.0	7,384.4	475.6	383.1	5.142	SF

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		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)	Offset Wellbore Centre +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	-91.45	-1.8	-72.0	72.0					
100.0	100.0	99.0	99.0	0.1	0.1	-91.45	-1.8	-72.0	72.0	71.8	0.22	321.936		
200.0	200.0	199.0	199.0	0.3	0.3	-91.45	-1.8	-72.0	72.0	71.3	0.67	107.134	CC, ES	
300.0	300.0	299.0	299.0	0.6	0.6	-172.72	-1.8	-72.0	73.7	72.6	1.12	65.867		
400.0	399.8	398.8	398.8	0.8	0.8	-173.18	-1.8	-72.0	78.9	77.4	1.57	50.288		
500.0	499.5	498.5	498.5	1.0	1.0	-173.84	-1.8	-72.0	87.6	85.6	2.02	43.262		
600.0	598.7	597.7	597.7	1.3	1.2	-174.57	-1.8	-72.0	99.7	97.2	2.48	40.166		
700.0	697.5	696.5	696.5	1.6	1.5	-175.28	-1.8	-72.0	115.3	112.3	2.94	39.181		
800.0	795.6	794.6	794.6	2.0	1.7	-175.92	-1.8	-72.0	134.3	130.9	3.40	39.448		
900.0	893.1	892.1	892.1	2.5	1.9	-176.48	-1.8	-72.0	156.6	152.7	3.87	40.465		
1,000.0	990.4	989.4	989.4	2.9	2.1	-176.93	-1.8	-72.0	179.5	175.2	4.34	41.393		
1,100.0	1,087.7	1,086.7	1,086.7	3.4	2.3	-177.28	-1.8	-72.0	202.5	197.7	4.81	42.101		
1,200.0	1,185.1	1,184.1	1,184.1	3.9	2.5	-177.56	-1.8	-72.0	225.4	220.2	5.29	42.655		
1,300.0	1,282.4	1,281.4	1,281.4	4.4	2.8	-177.79	-1.8	-72.0	248.4	242.7	5.76	43.098		

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 P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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	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)			
1,400.0	1,379.7	1,378.7	1,378.7	4.9	3.0	-177.97	-1.8	-72.0	271.4	265.1	6.24	43.461		
1,500.0	1,477.0	1,476.0	1,476.0	5.4	3.2	-178.13	-1.8	-72.0	294.4	287.6	6.73	43.762		
1,600.0	1,574.4	1,581.3	1,581.3	5.9	3.4	-178.18	-1.2	-71.0	316.4	309.2	7.22	43.831		
1,700.0	1,671.7	1,690.5	1,690.4	6.4	3.7	-177.90	1.8	-66.8	335.3	327.6	7.71	43.483		
1,800.0	1,769.0	1,800.9	1,800.4	6.8	3.9	-177.33	7.2	-59.0	350.9	342.6	8.21	42.728		
1,900.0	1,866.3	1,909.2	1,907.8	7.3	4.2	-176.51	14.7	-48.1	363.2	354.5	8.72	41.664		
2,000.0	1,963.6	2,008.4	2,006.1	7.8	4.4	-175.72	22.3	-37.2	374.6	365.4	9.22	40.641		
2,100.0	2,061.0	2,107.6	2,104.5	8.3	4.7	-174.98	29.8	-26.2	386.1	376.4	9.73	39.699		
2,200.0	2,158.3	2,206.8	2,202.8	8.8	5.0	-174.29	37.4	-15.3	397.7	387.4	10.24	38.831		
2,300.0	2,255.6	2,306.0	2,301.1	9.3	5.2	-173.63	45.0	-4.4	409.3	398.5	10.76	38.031		
2,400.0	2,352.9	2,405.3	2,399.4	9.8	5.5	-173.01	52.5	6.5	421.0	409.7	11.29	37.287		
2,500.0	2,450.2	2,504.5	2,497.8	10.3	5.8	-172.42	60.1	17.4	432.7	420.9	11.82	36.596		
2,600.0	2,547.6	2,603.7	2,596.1	10.8	6.1	-171.87	67.6	28.4	444.5	432.1	12.36	35.954		
2,700.0	2,644.9	2,702.9	2,694.4	11.3	6.4	-171.34	75.2	39.3	456.2	443.3	12.90	35.354		
2,800.0	2,742.2	2,802.1	2,792.7	11.8	6.7	-170.84	82.7	50.2	468.1	454.6	13.45	34.794		
2,900.0	2,839.5	2,901.3	2,891.0	12.3	7.0	-170.37	90.3	61.1	479.9	465.9	14.00	34.270		
3,000.0	2,936.8	3,000.6	2,989.4	12.8	7.3	-169.91	97.9	72.0	491.8	477.3	14.56	33.779		
3,100.0	3,034.2	3,099.8	3,087.7	13.3	7.6	-169.48	105.4	83.0	503.8	488.7	15.12	33.317		
3,200.0	3,131.5	3,199.0	3,186.0	13.8	7.9	-169.07	113.0	93.9	515.7	500.0	15.68	32.882		
3,300.0	3,228.8	3,298.2	3,284.3	14.3	8.2	-168.68	120.5	104.8	527.7	511.5	16.25	32.473		
3,400.0	3,326.1	3,397.4	3,382.7	14.8	8.5	-168.30	128.1	115.7	539.7	522.9	16.82	32.087		
3,500.0	3,423.5	3,496.6	3,481.0	15.3	8.9	-167.94	135.7	126.6	551.7	534.3	17.39	31.722		
3,600.0	3,520.8	3,595.9	3,579.3	15.8	9.2	-167.60	143.2	137.6	563.8	545.8	17.97	31.377		
3,700.0	3,618.1	3,695.1	3,677.6	16.3	9.5	-167.27	150.8	148.5	575.8	557.3	18.55	31.050		
3,800.0	3,715.4	3,791.1	3,772.8	16.8	9.8	-166.97	158.0	158.9	588.0	568.9	19.11	30.778		
3,900.0	3,812.7	3,882.7	3,863.8	17.3	10.0	-166.77	164.2	167.9	601.3	581.7	19.61	30.657		
4,000.0	3,910.1	3,974.1	3,954.7	17.8	10.2	-166.67	169.6	175.6	615.8	595.7	20.11	30.625 SF		
4,100.0	4,007.4	4,065.2	4,045.4	18.3	10.4	-166.66	174.1	182.2	631.5	610.9	20.59	30.674		
4,200.0	4,104.7	4,155.8	4,135.8	18.8	10.6	-166.72	177.8	187.5	648.5	627.4	21.05	30.799		
4,300.0	4,202.0	4,246.1	4,225.9	19.3	10.8	-166.86	180.6	191.6	666.6	645.1	21.51	30.995		
4,400.0	4,299.3	4,335.9	4,315.6	19.8	11.0	-167.07	182.7	194.6	686.0	664.0	21.95	31.258		
4,500.0	4,396.7	4,425.1	4,404.9	20.3	11.1	-167.34	183.9	196.4	706.6	684.2	22.37	31.583		
4,600.0	4,494.0	4,513.9	4,493.6	20.8	11.3	-167.66	184.4	197.0	728.3	705.6	22.79	31.965		
4,700.0	4,591.3	4,610.6	4,590.3	21.3	11.5	-168.04	184.4	197.0	750.8	727.6	23.22	32.340		
4,800.0	4,688.6	4,707.9	4,687.6	21.8	11.6	-168.39	184.4	197.0	773.4	749.7	23.66	32.683		
4,900.0	4,785.9	4,805.2	4,784.9	22.3	11.8	-168.72	184.4	197.0	795.9	771.8	24.11	33.010		
5,000.0	4,883.3	4,902.5	4,882.3	22.8	12.0	-169.04	184.4	197.0	818.5	794.0	24.56	33.323		
5,100.0	4,980.6	4,999.8	4,979.6	23.3	12.2	-169.33	184.4	197.0	841.1	816.1	25.02	33.622		
5,200.0	5,077.9	5,097.2	5,076.9	23.8	12.4	-169.62	184.4	197.0	863.7	838.3	25.47	33.909		
5,300.0	5,175.2	5,194.5	5,174.2	24.3	12.6	-169.88	184.4	197.0	886.4	860.5	25.93	34.184		
5,400.0	5,272.6	5,291.8	5,271.6	24.8	12.8	-170.14	184.4	197.0	909.0	882.7	26.39	34.448		
5,500.0	5,369.9	5,389.1	5,368.9	25.3	13.0	-170.38	184.4	197.0	931.7	904.9	26.85	34.701		
5,600.0	5,467.2	5,486.5	5,466.2	25.8	13.1	-170.61	184.4	197.0	954.4	927.1	27.31	34.944		
5,700.0	5,564.5	5,583.8	5,563.5	26.3	13.3	-170.83	184.4	197.0	977.1	949.3	27.78	35.178		
5,800.0	5,661.8	5,681.1	5,660.8	26.8	13.5	-171.04	184.4	197.0	999.8	971.6	28.24	35.403		

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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		
0.0	0.0	0.0	0.0	0.0	0.0	-91.55	-1.5	-53.9	53.9					
100.0	100.0	99.0	99.0	0.1	0.1	-91.55	-1.5	-53.9	53.9	53.7	0.22	241.152		
200.0	200.0	199.0	199.0	0.3	0.3	-91.55	-1.5	-53.9	53.9	53.3	0.67	80.250 CC, ES		
300.0	300.0	299.0	299.0	0.6	0.6	-172.87	-1.5	-53.9	55.7	54.5	1.12	49.727		
400.0	399.8	398.8	398.8	0.8	0.8	-173.47	-1.5	-53.9	60.9	59.3	1.57	38.777		
500.0	499.5	498.5	498.5	1.0	1.0	-174.27	-1.5	-53.9	69.5	67.5	2.02	34.341		
600.0	598.7	597.7	597.7	1.3	1.2	-175.10	-1.5	-53.9	81.7	79.2	2.48	32.896		
700.0	697.5	696.5	696.5	1.6	1.5	-175.87	-1.5	-53.9	97.3	94.3	2.94	33.052		
800.0	795.6	794.6	794.6	2.0	1.7	-176.52	-1.5	-53.9	116.3	112.9	3.40	34.156		
900.0	893.1	892.1	892.1	2.5	1.9	-177.06	-1.5	-53.9	138.5	134.7	3.87	35.812		
1,000.0	990.4	989.4	989.4	2.9	2.1	-177.48	-1.5	-53.9	161.5	157.2	4.34	37.245		
1,100.0	1,087.7	1,092.6	1,092.5	3.4	2.3	-177.72	-1.0	-52.5	183.1	178.3	4.81	38.096		
1,200.0	1,185.1	1,197.8	1,197.7	3.9	2.6	-177.68	0.7	-47.4	201.2	196.0	5.27	38.167		
1,300.0	1,282.4	1,304.3	1,303.8	4.4	2.8	-177.44	3.6	-38.6	215.8	210.0	5.75	37.513		
1,400.0	1,379.7	1,411.9	1,410.4	4.9	3.1	-177.01	7.9	-25.9	226.7	220.5	6.25	36.295		
1,500.0	1,477.0	1,518.2	1,515.4	5.4	3.4	-176.42	13.3	-9.6	234.1	227.3	6.75	34.680		
1,600.0	1,574.4	1,618.0	1,613.7	5.9	3.7	-175.83	18.7	6.7	240.4	233.1	7.25	33.138		
1,700.0	1,671.7	1,717.7	1,711.9	6.4	4.0	-175.28	24.1	23.0	246.7	238.9	7.76	31.770		
1,800.0	1,769.0	1,817.5	1,810.2	6.8	4.3	-174.75	29.6	39.4	253.0	244.7	8.28	30.548		
1,900.0	1,866.3	1,917.3	1,908.5	7.3	4.7	-174.25	35.0	55.7	259.3	250.5	8.80	29.463		
2,000.0	1,963.6	2,017.1	2,006.8	7.8	5.0	-173.77	40.4	72.0	265.7	256.3	9.33	28.479		
2,100.0	2,061.0	2,116.8	2,105.1	8.3	5.4	-173.31	45.8	88.4	272.0	262.2	9.86	27.589		
2,200.0	2,158.3	2,216.6	2,203.3	8.8	5.7	-172.88	51.3	104.7	278.4	268.0	10.40	26.781		
2,300.0	2,255.6	2,316.4	2,301.6	9.3	6.1	-172.46	56.7	121.0	284.8	273.9	10.94	26.044		
2,400.0	2,352.9	2,416.2	2,399.9	9.8	6.5	-172.07	62.1	137.4	291.2	279.8	11.48	25.370		
2,500.0	2,450.2	2,515.9	2,498.2	10.3	6.8	-171.68	67.6	153.7	297.7	285.6	12.03	24.750		
2,600.0	2,547.6	2,615.7	2,596.5	10.8	7.2	-171.32	73.0	170.0	304.1	291.5	12.58	24.180		
2,700.0	2,644.9	2,715.5	2,694.7	11.3	7.6	-170.97	78.4	186.4	310.6	297.4	13.13	23.652		
2,800.0	2,742.2	2,815.3	2,793.0	11.8	8.0	-170.64	83.9	202.7	317.0	303.3	13.69	23.163		
2,900.0	2,839.5	2,915.0	2,891.3	12.3	8.4	-170.32	89.3	219.0	323.5	309.3	14.25	22.709		
3,000.0	2,936.8	3,014.8	2,989.6	12.8	8.7	-170.01	94.7	235.4	330.0	315.2	14.81	22.286		
3,100.0	3,034.2	3,114.6	3,087.8	13.3	9.1	-169.71	100.1	251.7	336.5	321.1	15.37	21.891		
3,200.0	3,131.5	3,214.4	3,186.1	13.8	9.5	-169.43	105.6	268.0	343.0	327.0	15.94	21.521		
3,300.0	3,228.8	3,314.1	3,284.4	14.3	9.9	-169.15	111.0	284.4	349.5	333.0	16.50	21.175		
3,400.0	3,326.1	3,413.9	3,382.7	14.8	10.3	-168.89	116.4	300.7	356.0	338.9	17.08	20.849		
3,500.0	3,423.5	3,513.7	3,481.0	15.3	10.7	-168.63	121.9	317.0	362.5	344.9	17.65	20.543		
3,600.0	3,520.8	3,613.5	3,579.2	15.8	11.1	-168.38	127.3	333.3	369.1	350.8	18.22	20.254		
3,700.0	3,618.1	3,713.2	3,677.5	16.3	11.4	-168.15	132.7	349.7	375.6	356.8	18.80	19.982		
3,800.0	3,715.4	3,813.0	3,775.8	16.8	11.8	-167.92	138.2	366.0	382.2	362.8	19.38	19.724		
3,900.0	3,812.7	3,912.8	3,874.1	17.3	12.2	-167.69	143.6	382.3	388.7	368.8	19.95	19.480		
4,000.0	3,910.1	4,012.6	3,972.3	17.8	12.6	-167.48	149.0	398.7	395.3	374.7	20.54	19.248		
4,100.0	4,007.4	4,112.3	4,070.6	18.3	13.0	-167.27	154.4	415.0	401.8	380.7	21.12	19.028		
4,200.0	4,104.7	4,212.1	4,168.9	18.8	13.4	-167.07	159.9	431.3	408.4	386.7	21.70	18.819		
4,300.0	4,202.0	4,311.9	4,267.2	19.3	13.8	-166.88	165.3	447.7	415.0	392.7	22.29	18.620		
4,400.0	4,299.3	4,411.6	4,365.5	19.8	14.2	-166.69	170.7	464.0	421.5	398.7	22.87	18.430		
4,500.0	4,396.7	4,511.4	4,463.7	20.3	14.6	-166.51	176.2	480.3	428.1	404.7	23.46	18.249		
4,600.0	4,494.0	4,600.0	4,551.1	20.8	14.9	-166.37	180.9	494.5	435.2	411.2	24.00	18.132		
4,700.0	4,591.3	4,691.4	4,641.5	21.3	15.1	-166.36	184.9	506.7	444.8	420.3	24.49	18.159		
4,800.0	4,688.6	4,778.1	4,727.7	21.8	15.3	-166.48	187.9	515.8	457.1	432.2	24.95	18.325		
4,900.0	4,785.9	4,864.0	4,813.4	22.3	15.5	-166.72	190.1	522.3	472.2	446.9	25.37	18.616		
5,000.0	4,883.3	4,949.2	4,898.4	22.8	15.7	-167.06	191.5	526.4	490.1	464.3	25.77	19.022		
5,100.0	4,980.6	5,033.3	4,982.5	23.3	15.8	-167.49	192.0	528.0	510.7	484.5	26.14	19.535		

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 P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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
5,200.0	5,077.9	5,127.7	5,076.9	23.8	15.9	-168.00	192.0	528.1	533.1	506.6	26.53	20.098	
5,300.0	5,175.2	5,225.0	5,174.2	24.3	16.1	-168.49	192.0	528.1	555.7	528.7	26.93	20.635	
5,400.0	5,272.6	5,322.4	5,271.6	24.8	16.2	-168.95	192.0	528.1	578.2	550.9	27.34	21.152	
5,500.0	5,369.9	5,419.7	5,368.9	25.3	16.4	-169.37	192.0	528.1	600.8	573.1	27.75	21.650	
5,600.0	5,467.2	5,517.0	5,466.2	25.8	16.5	-169.76	192.0	528.1	623.5	595.3	28.17	22.131	
5,700.0	5,564.5	5,614.3	5,563.5	26.3	16.7	-170.12	192.0	528.1	646.1	617.5	28.60	22.593	
5,800.0	5,661.8	5,711.6	5,660.8	26.8	16.8	-170.46	192.0	528.1	668.8	639.8	29.03	23.040	
5,900.0	5,759.2	5,809.0	5,758.2	27.3	17.0	-170.77	192.0	528.1	691.5	662.0	29.46	23.471	
6,000.0	5,856.5	5,906.3	5,855.5	27.8	17.1	-171.07	192.0	528.1	714.2	684.3	29.90	23.887	
6,100.0	5,953.8	6,003.6	5,952.8	28.3	17.3	-171.35	192.0	528.1	736.9	706.6	30.34	24.289	
6,200.0	6,051.1	6,100.9	6,050.1	28.8	17.5	-171.61	192.0	528.1	759.7	728.9	30.78	24.678	
6,300.0	6,148.4	6,198.2	6,147.4	29.3	17.6	-171.85	192.0	528.1	782.5	751.2	31.23	25.054	
6,400.0	6,245.8	6,295.6	6,244.8	29.8	17.8	-172.08	192.0	528.1	805.2	773.6	31.68	25.417	
6,500.0	6,343.1	6,392.9	6,342.1	30.3	18.0	-172.30	192.0	528.1	828.0	795.9	32.13	25.769	
6,600.0	6,440.4	6,490.2	6,439.4	30.8	18.1	-172.51	192.0	528.1	850.8	818.2	32.59	26.110	
6,700.0	6,537.7	6,587.5	6,536.7	31.3	18.3	-172.71	192.0	528.1	873.6	840.6	33.04	26.440	
6,800.0	6,635.1	6,672.9	6,621.7	31.8	18.4	169.23	185.2	527.8	897.0	863.6	33.32	26.917	
6,900.0	6,731.8	6,756.6	6,702.8	32.1	18.4	127.82	165.1	526.9	919.7	886.2	33.50	27.450	
7,000.0	6,824.8	6,839.4	6,779.0	32.5	18.5	107.46	132.7	525.5	940.6	906.8	33.75	27.872	
7,100.0	6,910.5	6,921.9	6,848.8	32.7	18.5	97.08	88.9	523.6	958.7	924.8	33.96	28.230	
7,200.0	6,985.9	7,004.5	6,910.8	32.9	18.5	91.10	34.5	521.3	973.6	939.5	34.10	28.550	
7,300.0	7,048.1	7,087.5	6,963.7	33.0	18.5	87.53	-29.2	518.6	984.5	950.3	34.19	28.796	
7,400.0	7,094.9	7,171.1	7,006.1	33.1	18.6	85.57	-101.1	515.5	991.3	956.9	34.33	28.873	
7,500.0	7,124.6	7,255.5	7,036.6	33.2	18.7	84.87	-179.6	512.1	993.5	958.9	34.63	28.691	
7,600.0	7,142.2	7,345.2	7,055.6	33.4	19.0	84.98	-267.2	508.3	993.3	957.8	35.52	27.962	
7,700.0	7,154.7	7,441.4	7,071.2	33.6	19.4	85.20	-362.0	504.2	993.0	956.2	36.77	27.007	
7,800.0	7,158.4	7,534.7	7,079.5	34.0	20.1	85.50	-454.8	500.3	992.6	954.3	38.27	25.935	
7,857.4	7,158.4	7,588.5	7,080.9	34.2	20.5	85.58	-508.5	497.9	992.5	953.2	39.30	25.255	
7,900.0	7,158.4	7,630.5	7,080.7	34.4	20.9	85.57	-550.5	496.1	992.5	952.4	40.11	24.743	
8,000.0	7,158.4	7,730.5	7,080.2	35.0	21.9	85.54	-650.4	491.8	992.5	950.3	42.23	23.500	
8,100.0	7,158.4	7,830.5	7,079.7	35.6	23.0	85.51	-750.3	487.5	992.6	948.0	44.58	22.264	
8,200.0	7,158.4	7,930.5	7,079.2	36.3	24.2	85.48	-850.2	483.2	992.6	945.5	47.12	21.066	
8,300.0	7,158.4	8,030.5	7,078.7	37.1	25.6	85.46	-950.1	478.9	992.7	942.9	49.82	19.926	
8,400.0	7,158.4	8,130.5	7,078.2	38.1	26.9	85.43	-1,050.0	474.6	992.8	940.1	52.65	18.854	
8,500.0	7,158.4	8,230.5	7,077.8	39.0	28.4	85.40	-1,149.9	470.3	992.8	937.2	55.61	17.854	
8,600.0	7,158.3	8,330.5	7,077.3	40.1	29.9	85.37	-1,249.8	466.0	992.9	934.2	58.66	16.927	
8,700.0	7,158.3	8,430.5	7,076.8	41.2	31.5	85.35	-1,349.7	461.7	992.9	931.1	61.79	16.069	
8,800.0	7,158.3	8,530.5	7,076.3	42.4	33.0	85.32	-1,449.7	457.4	993.0	928.0	64.99	15.278	
8,900.0	7,158.3	8,630.5	7,075.8	43.7	34.7	85.29	-1,549.6	453.1	993.0	924.8	68.26	14.548	
9,000.0	7,158.3	8,730.5	7,075.3	45.0	36.3	85.26	-1,649.5	448.8	993.1	921.5	71.58	13.874	
9,100.0	7,158.3	8,830.5	7,074.8	46.3	38.0	85.24	-1,749.4	444.5	993.1	918.2	74.94	13.252	
9,200.0	7,158.3	8,930.5	7,074.3	47.7	39.7	85.21	-1,849.3	440.3	993.2	914.8	78.35	12.677	
9,300.0	7,158.3	9,030.5	7,073.8	49.1	41.4	85.18	-1,949.2	436.0	993.2	911.5	81.79	12.144	
9,400.0	7,158.3	9,130.5	7,073.4	50.6	43.1	85.15	-2,049.1	431.7	993.3	908.0	85.26	11.650	
9,500.0	7,158.3	9,230.5	7,072.9	52.1	44.9	85.13	-2,149.0	427.4	993.4	904.6	88.76	11.192	
9,600.0	7,158.2	9,330.5	7,072.4	53.6	46.6	85.10	-2,248.9	423.1	993.4	901.1	92.28	10.765	
9,700.0	7,158.2	9,430.5	7,071.9	55.1	48.4	85.07	-2,348.8	418.8	993.5	897.7	95.82	10.368	
9,800.0	7,158.2	9,530.5	7,071.4	56.7	50.2	85.04	-2,448.7	414.5	993.5	894.2	99.38	9.997	
9,900.0	7,158.2	9,630.5	7,070.9	58.3	52.0	85.02	-2,548.6	410.2	993.6	890.6	102.96	9.650	
10,000.0	7,158.2	9,730.5	7,070.4	59.9	53.8	84.99	-2,648.5	405.9	993.6	887.1	106.56	9.325	
10,100.0	7,158.2	9,830.5	7,069.9	61.5	55.6	84.96	-2,748.4	401.6	993.7	883.5	110.16	9.020	
10,200.0	7,158.2	9,930.5	7,069.4	63.2	57.4	84.94	-2,848.3	397.3	993.8	880.0	113.78	8.734	

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

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Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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
10,300.0	7,158.2	10,030.5	7,069.0	64.9	59.2	84.91	-2,948.2	393.0	993.8	876.4	117.42	8.464	
10,400.0	7,158.2	10,130.5	7,068.5	66.5	61.0	84.88	-3,048.1	388.7	993.9	872.8	121.06	8.210	
10,500.0	7,158.1	10,230.5	7,068.0	68.2	62.8	84.85	-3,148.0	384.4	993.9	869.2	124.71	7.970	
10,600.0	7,158.1	10,330.5	7,067.5	69.9	64.7	84.83	-3,247.9	380.1	994.0	865.6	128.37	7.743	
10,700.0	7,158.1	10,430.5	7,067.0	71.6	66.5	84.80	-3,347.9	375.8	994.1	862.0	132.03	7.529	
10,800.0	7,158.1	10,530.5	7,066.5	73.4	68.4	84.77	-3,447.8	371.5	994.1	858.4	135.71	7.325	
10,900.0	7,158.1	10,630.5	7,066.0	75.1	70.2	84.74	-3,547.7	367.2	994.2	854.8	139.39	7.132	
11,000.0	7,158.1	10,730.5	7,065.5	76.8	72.1	84.72	-3,647.6	362.9	994.2	851.2	143.07	6.949	
11,100.0	7,158.1	10,830.5	7,065.0	78.6	73.9	84.69	-3,747.5	358.6	994.3	847.5	146.77	6.775	
11,200.0	7,158.1	10,930.5	7,064.6	80.3	75.8	84.66	-3,847.4	354.3	994.4	843.9	150.46	6.609	
11,300.0	7,158.1	11,030.5	7,064.1	82.1	77.6	84.63	-3,947.3	350.0	994.4	840.3	154.17	6.450	
11,400.0	7,158.0	11,130.5	7,063.6	83.9	79.5	84.61	-4,047.2	345.7	994.5	836.6	157.87	6.299	
11,500.0	7,158.0	11,230.5	7,063.1	85.6	81.3	84.58	-4,147.1	341.4	994.5	833.0	161.58	6.155	
11,600.0	7,158.0	11,330.5	7,062.6	87.4	83.2	84.55	-4,247.0	337.1	994.6	829.3	165.30	6.017	
11,700.0	7,158.0	11,430.5	7,062.1	89.2	85.1	84.52	-4,346.9	332.8	994.7	825.7	169.01	5.885	
11,800.0	7,158.0	11,530.5	7,061.6	91.0	86.9	84.50	-4,446.8	328.5	994.7	822.0	172.73	5.759	
11,856.5	7,158.0	11,587.0	7,061.3	92.0	88.0	84.48	-4,503.3	326.0	994.8	820.1	174.64	5.696 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Tooface (")	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	-91.75	-1.1	-35.8	35.9					
100.0	100.0	99.0	99.0	0.1	0.1	-91.75	-1.1	-35.8	35.9	35.6	0.22	160.370		
200.0	200.0	199.0	199.0	0.3	0.3	-91.75	-1.1	-35.8	35.9	35.2	0.67	53.368 CC, ES		
300.0	300.0	299.0	299.0	0.6	0.6	-173.17	-1.1	-35.8	37.6	36.5	1.12	33.588		
400.0	399.8	398.8	398.8	0.8	0.8	-173.99	-1.1	-35.8	42.8	41.2	1.57	27.269		
500.0	499.5	498.5	498.5	1.0	1.0	-174.99	-1.1	-35.8	51.5	49.4	2.02	25.424		
600.0	598.7	597.7	597.7	1.3	1.2	-175.93	-1.1	-35.8	63.6	61.1	2.48	25.629		
700.0	697.5	699.1	699.1	1.6	1.5	-176.56	-0.7	-34.2	77.6	74.7	2.93	26.483		
800.0	795.6	801.1	801.0	2.0	1.7	-176.79	0.6	-29.0	91.5	88.1	3.37	27.169		
900.0	893.1	903.7	903.1	2.5	1.9	-176.79	2.7	-20.2	105.2	101.4	3.82	27.522		
1,000.0	990.4	1,007.1	1,005.7	2.9	2.2	-176.57	5.8	-7.8	116.0	111.8	4.30	27.011		
1,100.0	1,087.7	1,107.6	1,105.1	3.4	2.5	-176.22	9.3	6.7	124.5	119.7	4.78	26.018		
1,200.0	1,185.1	1,207.3	1,203.7	3.9	2.8	-175.90	12.9	21.1	132.8	127.5	5.28	25.145		
1,300.0	1,282.4	1,306.9	1,302.2	4.4	3.1	-175.63	16.4	35.6	141.1	135.3	5.78	24.397		
1,400.0	1,379.7	1,406.6	1,400.7	4.9	3.4	-175.39	20.0	50.0	149.4	143.1	6.29	23.753		
1,500.0	1,477.0	1,506.2	1,499.3	5.4	3.8	-175.17	23.5	64.5	157.8	151.0	6.80	23.193		
1,600.0	1,574.4	1,605.9	1,597.8	5.9	4.1	-174.97	27.0	78.9	166.1	158.8	7.32	22.703		
1,700.0	1,671.7	1,705.5	1,696.3	6.4	4.4	-174.80	30.6	93.4	174.4	166.6	7.83	22.270		
1,800.0	1,769.0	1,805.2	1,794.9	6.8	4.8	-174.64	34.1	107.8	182.8	174.4	8.35	21.886		
1,900.0	1,866.3	1,904.8	1,893.4	7.3	5.1	-174.49	37.7	122.3	191.1	182.3	8.87	21.543		
2,000.0	1,963.6	2,004.5	1,991.9	7.8	5.5	-174.36	41.2	136.7	199.5	190.1	9.39	21.234		
2,100.0	2,061.0	2,104.1	2,090.5	8.3	5.8	-174.23	44.8	151.2	207.8	197.9	9.92	20.955		
2,200.0	2,158.3	2,203.8	2,189.0	8.8	6.2	-174.12	48.3	165.6	216.2	205.7	10.44	20.703		
2,300.0	2,255.6	2,303.4	2,287.5	9.3	6.5	-174.01	51.8	180.1	224.5	213.5	10.97	20.473		
2,400.0	2,352.9	2,403.1	2,386.1	9.8	6.9	-173.91	55.4	194.5	232.9	221.4	11.49	20.262		
2,500.0	2,450.2	2,502.7	2,484.6	10.3	7.2	-173.82	58.9	209.0	241.2	229.2	12.02	20.069		
2,600.0	2,547.6	2,602.4	2,583.1	10.8	7.6	-173.74	62.5	223.4	249.5	237.0	12.55	19.891		
2,700.0	2,644.9	2,702.0	2,681.7	11.3	7.9	-173.66	66.0	237.9	257.9	244.8	13.07	19.726		
2,800.0	2,742.2	2,801.7	2,780.2	11.8	8.3	-173.58	69.5	252.3	266.2	252.6	13.60	19.574		
2,900.0	2,839.5	2,901.3	2,878.7	12.3	8.6	-173.51	73.1	266.8	274.6	260.5	14.13	19.432		
3,000.0	2,936.8	3,001.0	2,977.3	12.8	9.0	-173.45	76.6	281.2	282.9	268.3	14.66	19.300		
3,100.0	3,034.2	3,100.6	3,075.8	13.3	9.4	-173.39	80.2	295.6	291.3	276.1	15.19	19.177		
3,200.0	3,131.5	3,200.3	3,174.3	13.8	9.7	-173.33	83.7	310.1	299.6	283.9	15.72	19.062		
3,300.0	3,228.8	3,299.9	3,272.9	14.3	10.1	-173.27	87.3	324.5	308.0	291.7	16.25	18.953		
3,400.0	3,326.1	3,399.6	3,371.4	14.8	10.4	-173.22	90.8	339.0	316.3	299.6	16.78	18.852		
3,500.0	3,423.5	3,499.2	3,469.9	15.3	10.8	-173.17	94.3	353.4	324.7	307.4	17.31	18.756		
3,600.0	3,520.8	3,598.9	3,568.5	15.8	11.1	-173.12	97.9	367.9	333.0	315.2	17.84	18.666		
3,700.0	3,618.1	3,698.5	3,667.0	16.3	11.5	-173.08	101.4	382.3	341.4	323.0	18.37	18.581		
3,800.0	3,715.4	3,798.2	3,765.5	16.8	11.9	-173.03	105.0	396.8	349.7	330.8	18.90	18.500		
3,900.0	3,812.7	3,897.8	3,864.1	17.3	12.2	-172.99	108.5	411.2	358.1	338.7	19.44	18.424		
4,000.0	3,910.1	3,997.5	3,962.6	17.8	12.6	-172.95	112.1	425.7	366.4	346.5	19.97	18.351		
4,100.0	4,007.4	4,097.1	4,061.1	18.3	12.9	-172.92	115.6	440.1	374.8	354.3	20.50	18.282		
4,200.0	4,104.7	4,196.8	4,159.7	18.8	13.3	-172.88	119.1	454.6	383.1	362.1	21.03	18.217		
4,300.0	4,202.0	4,296.4	4,258.2	19.3	13.6	-172.85	122.7	469.0	391.5	369.9	21.56	18.154		
4,400.0	4,299.3	4,396.1	4,356.7	19.8	14.0	-172.81	126.2	483.5	399.8	377.7	22.10	18.095		
4,500.0	4,396.7	4,495.7	4,455.3	20.3	14.4	-172.78	129.8	497.9	408.2	385.6	22.63	18.038		
4,600.0	4,494.0	4,595.4	4,553.8	20.8	14.7	-172.75	133.3	512.4	416.5	393.4	23.16	17.984		
4,700.0	4,591.3	4,695.0	4,652.3	21.3	15.1	-172.72	136.8	526.8	424.9	401.2	23.70	17.932		
4,800.0	4,688.6	4,794.7	4,750.9	21.8	15.4	-172.69	140.4	541.3	433.3	409.0	24.23	17.882		
4,900.0	4,785.9	4,894.3	4,849.4	22.3	15.8	-172.67	143.9	555.7	441.6	416.8	24.76	17.835		
5,000.0	4,883.3	4,994.0	4,947.9	22.8	16.2	-172.64	147.5	570.2	450.0	424.7	25.29	17.789		
5,100.0	4,980.6	5,093.6	5,046.5	23.3	16.5	-172.62	151.0	584.6	458.3	432.5	25.83	17.745		

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

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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
5,200.0	5,077.9	5,193.3	5,145.0	23.8	16.9	-172.59	154.6	599.1	466.7	440.3	26.36	17.703	
5,300.0	5,175.2	5,292.9	5,243.5	24.3	17.2	-172.57	158.1	613.5	475.0	448.1	26.89	17.662	
5,400.0	5,272.6	5,392.6	5,342.1	24.8	17.6	-172.55	161.6	627.9	483.4	455.9	27.43	17.623	
5,500.0	5,369.9	5,492.2	5,440.6	25.3	17.9	-172.53	165.2	642.4	491.7	463.8	27.96	17.586	
5,600.0	5,467.2	5,591.9	5,539.1	25.8	18.3	-172.51	168.7	656.8	500.1	471.6	28.50	17.550	
5,700.0	5,564.5	5,691.5	5,637.7	26.3	18.7	-172.49	172.3	671.3	508.4	479.4	29.03	17.515	
5,800.0	5,661.8	5,791.2	5,736.2	26.8	19.0	-172.47	175.8	685.7	516.8	487.2	29.56	17.481	
5,900.0	5,759.2	5,890.8	5,834.7	27.3	19.4	-172.45	179.3	700.2	525.1	495.0	30.10	17.448	
6,000.0	5,856.5	5,990.5	5,933.3	27.8	19.7	-172.43	182.9	714.6	533.5	502.9	30.63	17.417	
6,100.0	5,953.8	6,090.1	6,031.8	28.3	20.1	-172.41	186.4	729.1	541.8	510.7	31.16	17.387	
6,200.0	6,051.1	6,189.8	6,130.3	28.8	20.5	-172.39	190.0	743.5	550.2	518.5	31.70	17.357	
6,300.0	6,148.4	6,289.4	6,228.9	29.3	20.8	-172.38	193.5	758.0	558.5	526.3	32.23	17.329	
6,400.0	6,245.8	6,389.1	6,327.4	29.8	21.2	-172.36	197.1	772.4	566.9	534.1	32.77	17.301	
6,500.0	6,343.1	6,488.7	6,425.9	30.3	21.5	-172.35	200.6	786.9	575.3	542.0	33.30	17.275	
6,600.0	6,440.4	6,583.0	6,519.2	30.8	21.8	-172.59	201.3	800.4	583.9	550.1	33.77	17.291	
6,700.0	6,537.7	6,670.3	6,604.6	31.3	22.1	-174.13	188.4	811.8	594.2	560.2	34.04	17.457	
6,800.0	6,635.1	6,750.0	6,680.0	31.8	22.2	166.29	164.1	821.0	607.4	573.2	34.26	17.728	
6,900.0	6,731.8	6,826.5	6,748.1	32.1	22.3	124.16	130.3	828.5	621.9	587.3	34.64	17.954	
7,000.0	6,824.8	6,900.0	6,808.3	32.5	22.4	103.15	88.7	834.4	636.1	601.0	35.08	18.133	
7,100.0	6,910.5	6,972.3	6,861.4	32.7	22.5	92.21	39.9	838.7	648.9	613.5	35.37	18.345	
7,200.0	6,985.9	7,050.0	6,910.5	32.9	22.6	85.66	-20.1	841.6	659.7	624.3	35.40	18.637	
7,300.0	7,048.1	7,113.2	6,943.6	33.0	22.6	81.75	-74.0	842.7	667.6	632.5	35.12	19.007	
7,400.0	7,094.9	7,182.8	6,972.3	33.1	22.7	79.45	-137.3	842.5	672.4	637.6	34.80	19.324	
7,500.0	7,124.6	7,250.0	6,991.9	33.2	22.9	78.47	-201.5	841.0	673.7	639.1	34.59	19.480	
7,600.0	7,142.2	7,339.8	7,008.3	33.4	23.1	78.44	-289.7	837.3	673.5	638.1	35.40	19.024	
7,700.0	7,154.7	7,431.0	7,021.7	33.6	23.5	78.63	-379.7	833.4	673.1	636.6	36.46	18.462	
7,800.0	7,158.4	7,520.6	7,027.9	34.0	24.0	78.89	-469.1	829.6	672.4	634.7	37.73	17.824	
7,838.2	7,158.4	7,555.0	7,028.4	34.1	24.2	78.94	-503.4	828.1	672.3	634.0	38.37	17.522	
7,900.0	7,158.4	7,615.8	7,028.0	34.4	24.7	78.90	-564.1	825.5	672.4	632.9	39.48	17.032	
8,000.0	7,158.4	7,715.8	7,027.3	35.0	25.5	78.84	-664.0	821.2	672.6	631.1	41.52	16.200	
8,100.0	7,158.4	7,815.8	7,026.5	35.6	26.4	78.78	-764.0	816.9	672.7	628.9	43.78	15.366	
8,200.0	7,158.4	7,915.8	7,025.8	36.3	27.5	78.72	-863.9	812.6	672.9	626.6	46.24	14.553	
8,300.0	7,158.4	8,015.8	7,025.0	37.1	28.7	78.66	-963.8	808.4	673.0	624.2	48.85	13.776	
8,400.0	7,158.4	8,115.8	7,024.3	38.1	29.9	78.60	-1,063.7	804.1	673.2	621.6	51.61	13.043	
8,500.0	7,158.4	8,215.7	7,023.5	39.0	31.2	78.53	-1,163.6	799.8	673.3	618.8	54.48	12.358	
8,600.0	7,158.3	8,315.7	7,022.8	40.1	32.6	78.47	-1,263.5	795.5	673.5	616.0	57.46	11.722	
8,700.0	7,158.3	8,415.7	7,022.0	41.2	34.0	78.41	-1,363.4	791.2	673.6	613.1	60.51	11.132	
8,800.0	7,158.3	8,515.7	7,021.3	42.4	35.5	78.35	-1,463.3	786.9	673.8	610.2	63.64	10.588	
8,900.0	7,158.3	8,615.7	7,020.5	43.7	37.0	78.29	-1,563.2	782.6	673.9	607.1	66.83	10.085	
9,000.0	7,158.3	8,715.7	7,019.8	45.0	38.6	78.23	-1,663.1	778.3	674.1	604.0	70.07	9.620	
9,100.0	7,158.3	8,815.7	7,019.0	46.3	40.2	78.17	-1,763.0	774.0	674.3	600.9	73.36	9.191	
9,200.0	7,158.3	8,915.7	7,018.3	47.7	41.8	78.10	-1,862.9	769.8	674.4	597.7	76.69	8.794	
9,300.0	7,158.3	9,015.7	7,017.5	49.1	43.4	78.04	-1,962.8	765.5	674.6	594.5	80.05	8.427	
9,400.0	7,158.3	9,115.7	7,016.8	50.6	45.1	77.98	-2,062.7	761.2	674.7	591.3	83.44	8.086	
9,500.0	7,158.3	9,215.7	7,016.0	52.1	46.8	77.92	-2,162.6	756.9	674.9	588.0	86.86	7.770	
9,600.0	7,158.2	9,315.7	7,015.3	53.6	48.5	77.86	-2,262.5	752.6	675.1	584.8	90.30	7.476	
9,700.0	7,158.2	9,415.7	7,014.5	55.1	50.2	77.80	-2,362.4	748.3	675.2	581.5	93.76	7.202	
9,800.0	7,158.2	9,515.7	7,013.8	56.7	51.9	77.74	-2,462.3	744.0	675.4	578.1	97.24	6.946	
9,900.0	7,158.2	9,615.7	7,013.0	58.3	53.7	77.68	-2,562.2	739.7	675.5	574.8	100.74	6.706	
10,000.0	7,158.2	9,715.7	7,012.3	59.9	55.4	77.62	-2,662.1	735.4	675.7	571.5	104.25	6.482	
10,100.0	7,158.2	9,815.7	7,011.5	61.5	57.2	77.55	-2,762.0	731.2	675.9	568.1	107.77	6.272	
10,200.0	7,158.2	9,915.7	7,010.8	63.2	58.9	77.49	-2,861.9	726.9	676.0	564.7	111.30	6.074	

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 P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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
10,300.0	7,158.2	10,015.7	7,010.0	64.9	60.7	77.43	-2,961.8	722.6	676.2	561.4	114.85	5.888	
10,400.0	7,158.2	10,115.7	7,009.3	66.5	62.5	77.37	-3,061.7	718.3	676.4	558.0	118.40	5.713	
10,500.0	7,158.1	10,215.7	7,008.5	68.2	64.3	77.31	-3,161.6	714.0	676.5	554.6	121.96	5.547	
10,600.0	7,158.1	10,315.7	7,007.8	69.9	66.1	77.25	-3,261.5	709.7	676.7	551.2	125.53	5.391	
10,700.0	7,158.1	10,415.7	7,007.0	71.6	67.9	77.19	-3,361.4	705.4	676.9	547.8	129.10	5.243	
10,800.0	7,158.1	10,515.7	7,006.3	73.4	69.7	77.13	-3,461.3	701.1	677.1	544.4	132.68	5.103	
10,900.0	7,158.1	10,615.7	7,005.5	75.1	71.5	77.07	-3,561.2	696.8	677.2	541.0	136.27	4.970	
11,000.0	7,158.1	10,715.7	7,004.8	76.8	73.4	77.01	-3,661.1	692.6	677.4	537.5	139.86	4.843	
11,100.0	7,158.1	10,815.7	7,004.0	78.6	75.2	76.95	-3,761.0	688.3	677.6	534.1	143.45	4.723	
11,200.0	7,158.1	10,915.7	7,003.3	80.3	77.0	76.88	-3,860.9	684.0	677.7	530.7	147.05	4.609	
11,300.0	7,158.1	11,015.7	7,002.5	82.1	78.8	76.82	-3,960.8	679.7	677.9	527.3	150.65	4.500	
11,400.0	7,158.0	11,115.7	7,001.8	83.9	80.7	76.76	-4,060.7	675.4	678.1	523.8	154.26	4.396	
11,500.0	7,158.0	11,215.7	7,001.0	85.6	82.5	76.70	-4,160.6	671.1	678.3	520.4	157.86	4.297	
11,600.0	7,158.0	11,315.7	7,000.3	87.4	84.4	76.64	-4,260.5	666.8	678.4	517.0	161.47	4.202	
11,700.0	7,158.0	11,415.7	6,999.5	89.2	86.2	76.58	-4,360.4	662.5	678.6	513.5	165.09	4.111	
11,800.0	7,158.0	11,515.7	6,998.8	91.0	88.1	76.52	-4,460.3	658.2	678.8	510.1	168.70	4.024	
11,856.5	7,158.0	11,572.2	6,998.4	92.0	89.1	76.49	-4,516.8	655.8	678.9	508.4	170.55	3.981 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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 O-28HN - Wellbore #1 - Plan #1 (4-14-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toelface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	-91.17	-0.4	-17.8	17.8	17.8	0.00	N/A		
100.0	100.0	99.0	99.0	0.1	0.1	-91.17	-0.4	-17.8	17.8	17.6	0.22	79.543		
200.0	200.0	199.0	199.0	0.3	0.3	-91.17	-0.4	-17.8	17.8	17.1	0.67	26.470 CC, ES		
300.0	300.0	299.0	299.0	0.6	0.6	-172.95	-0.4	-17.8	19.5	18.4	1.12	17.438		
400.0	399.8	398.8	398.8	0.8	0.8	-174.43	-0.4	-17.8	24.7	23.2	1.57	15.751		
500.0	499.5	499.6	499.5	1.0	1.0	-175.56	0.0	-16.1	31.7	29.7	2.01	15.780		
600.0	598.7	600.6	600.4	1.3	1.2	-176.11	0.9	-10.9	38.7	36.2	2.44	15.829		
700.0	697.5	701.8	701.2	1.6	1.5	-176.35	2.6	-2.2	45.6	42.7	2.89	15.788		
800.0	795.6	803.3	802.0	2.0	1.7	-176.39	4.9	10.1	52.5	49.2	3.35	15.685		
900.0	893.1	905.0	902.4	2.5	2.1	-176.30	7.9	25.8	59.2	55.3	3.83	15.464		
1,000.0	990.4	1,005.9	1,001.5	2.9	2.4	-176.01	11.4	44.5	63.5	59.2	4.33	14.681		
1,100.0	1,087.7	1,105.9	1,099.6	3.4	2.8	-175.73	15.0	63.3	67.5	62.6	4.84	13.948		
1,200.0	1,185.1	1,205.8	1,197.7	3.9	3.2	-175.47	18.6	82.1	71.4	66.1	5.35	13.338		
1,300.0	1,282.4	1,305.7	1,295.7	4.4	3.6	-175.24	22.1	100.9	75.4	69.5	5.88	12.823		
1,400.0	1,379.7	1,405.6	1,393.8	4.9	4.0	-175.04	25.7	119.7	79.3	72.9	6.40	12.390		
1,500.0	1,477.0	1,505.6	1,491.9	5.4	4.4	-174.85	29.3	138.6	83.3	76.3	6.93	12.013		
1,600.0	1,574.4	1,605.5	1,589.9	5.9	4.8	-174.68	32.8	157.4	87.2	79.8	7.46	11.687		
1,700.0	1,671.7	1,705.4	1,688.0	6.4	5.3	-174.53	36.4	176.2	91.2	83.2	8.00	11.401		
1,800.0	1,769.0	1,805.3	1,786.1	6.8	5.7	-174.39	40.0	195.0	95.2	86.6	8.53	11.149		
1,900.0	1,866.3	1,905.2	1,884.2	7.3	6.1	-174.26	43.5	213.8	99.1	90.0	9.07	10.925		
2,000.0	1,963.6	2,005.2	1,982.2	7.8	6.5	-174.14	47.1	232.7	103.1	93.5	9.61	10.724		
2,100.0	2,061.0	2,105.1	2,080.3	8.3	6.9	-174.03	50.7	251.5	107.0	96.9	10.15	10.544		
2,200.0	2,158.3	2,205.0	2,178.4	8.8	7.4	-173.93	54.2	270.3	111.0	100.3	10.69	10.381		
2,300.0	2,255.6	2,304.9	2,276.4	9.3	7.8	-173.83	57.8	289.1	115.0	103.7	11.23	10.233		
2,400.0	2,352.9	2,404.8	2,374.5	9.8	8.2	-173.74	61.4	307.9	118.9	107.1	11.78	10.099		
2,500.0	2,450.2	2,504.8	2,472.6	10.3	8.6	-173.66	64.9	326.8	122.9	110.6	12.32	9.975		
2,600.0	2,547.6	2,604.7	2,570.6	10.8	9.1	-173.58	68.5	345.6	126.8	114.0	12.86	9.862		
2,700.0	2,644.9	2,704.6	2,668.7	11.3	9.5	-173.50	72.1	364.4	130.8	117.4	13.41	9.757		
2,800.0	2,742.2	2,804.5	2,766.8	11.8	9.9	-173.43	75.6	383.2	134.8	120.8	13.95	9.660		
2,900.0	2,839.5	2,904.5	2,864.8	12.3	10.4	-173.37	79.2	402.0	138.7	124.2	14.50	9.570		
3,000.0	2,936.8	3,004.4	2,962.9	12.8	10.8	-173.31	82.8	420.8	142.7	127.7	15.04	9.487		
3,100.0	3,034.2	3,104.3	3,061.0	13.3	11.2	-173.25	86.3	439.7	146.7	131.1	15.59	9.409		
3,200.0	3,131.5	3,204.2	3,159.0	13.8	11.6	-173.19	89.9	458.5	150.6	134.5	16.13	9.336		
3,300.0	3,228.8	3,304.1	3,257.1	14.3	12.1	-173.14	93.5	477.3	154.6	137.9	16.68	9.268		
3,400.0	3,326.1	3,404.1	3,355.2	14.8	12.5	-173.09	97.0	496.1	158.6	141.3	17.23	9.204		
3,500.0	3,423.5	3,504.0	3,453.2	15.3	12.9	-173.04	100.6	514.9	162.5	144.7	17.77	9.144		
3,600.0	3,520.8	3,603.9	3,551.3	15.8	13.4	-173.00	104.2	533.8	166.5	148.2	18.32	9.088		
3,700.0	3,618.1	3,703.8	3,649.4	16.3	13.8	-172.95	107.7	552.6	170.4	151.6	18.87	9.034		
3,800.0	3,715.4	3,803.7	3,747.4	16.8	14.2	-172.91	111.3	571.4	174.4	155.0	19.41	8.984		
3,900.0	3,812.7	3,903.7	3,845.5	17.3	14.6	-172.87	114.9	590.2	178.4	158.4	19.96	8.936		
4,000.0	3,910.1	4,003.6	3,943.6	17.8	15.1	-172.84	118.4	609.0	182.3	161.8	20.51	8.890		
4,100.0	4,007.4	4,103.5	4,041.7	18.3	15.5	-172.80	122.0	627.9	186.3	165.2	21.06	8.847		
4,200.0	4,104.7	4,203.4	4,139.7	18.8	15.9	-172.76	125.6	646.7	190.3	168.7	21.60	8.806		
4,300.0	4,202.0	4,303.4	4,237.8	19.3	16.4	-172.73	129.1	665.5	194.2	172.1	22.15	8.768		
4,400.0	4,299.3	4,403.3	4,335.9	19.8	16.8	-172.70	132.7	684.3	198.2	175.5	22.70	8.730		
4,500.0	4,396.7	4,503.2	4,433.9	20.3	17.2	-172.67	136.3	703.1	202.2	178.9	23.25	8.695		
4,600.0	4,494.0	4,603.1	4,532.0	20.8	17.6	-172.64	139.8	722.0	206.1	182.3	23.80	8.661		
4,700.0	4,591.3	4,703.0	4,630.1	21.3	18.1	-172.61	143.4	740.8	210.1	185.7	24.35	8.629		
4,800.0	4,688.6	4,803.0	4,728.1	21.8	18.5	-172.58	147.0	759.6	214.1	189.2	24.90	8.598		
4,900.0	4,785.9	4,902.9	4,826.2	22.3	18.9	-172.56	150.5	778.4	218.0	192.6	25.44	8.568		
5,000.0	4,883.3	5,002.8	4,924.3	22.8	19.4	-172.53	154.1	797.2	222.0	196.0	25.99	8.540		
5,100.0	4,980.6	5,102.7	5,022.3	23.3	19.8	-172.51	157.7	816.1	225.9	199.4	26.54	8.513		

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 P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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 O-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	5,077.9	5,202.6	5,120.4	23.8	20.2	-172.48	161.2	834.9	229.9	202.8	27.09	8.487	
5,300.0	5,175.2	5,302.6	5,218.5	24.3	20.7	-172.46	164.8	853.7	233.9	206.2	27.64	8.462	
5,400.0	5,272.6	5,402.5	5,316.5	24.8	21.1	-172.44	168.4	872.5	237.8	209.7	28.19	8.437	
5,500.0	5,369.9	5,502.4	5,414.6	25.3	21.5	-172.42	171.9	891.3	241.8	213.1	28.74	8.414	
5,600.0	5,467.2	5,602.3	5,512.7	25.8	21.9	-172.40	175.5	910.1	245.8	216.5	29.29	8.392	
5,700.0	5,564.5	5,702.2	5,610.7	26.3	22.4	-172.38	179.1	929.0	249.7	219.9	29.84	8.370	
5,800.0	5,661.8	5,802.2	5,708.8	26.8	22.8	-172.36	182.6	947.8	253.7	223.3	30.39	8.349	
5,900.0	5,759.2	5,902.1	5,806.9	27.3	23.2	-172.34	186.2	966.6	257.7	226.7	30.94	8.329	
6,000.0	5,856.5	6,002.0	5,905.0	27.8	23.7	-172.32	189.8	985.4	261.6	230.1	31.49	8.310	
6,100.0	5,953.8	6,101.9	6,003.0	28.3	24.1	-172.30	193.3	1,004.2	265.6	233.6	32.03	8.291	
6,200.0	6,051.1	6,201.9	6,101.1	28.8	24.5	-172.29	196.9	1,023.1	269.6	237.0	32.58	8.273	
6,300.0	6,148.4	6,301.8	6,199.2	29.3	25.0	-172.27	200.5	1,041.9	273.5	240.4	33.13	8.255	
6,400.0	6,245.8	6,401.7	6,297.2	29.8	25.4	-172.25	204.0	1,060.7	277.5	243.8	33.68	8.238	
6,500.0	6,343.1	6,501.6	6,395.3	30.3	25.8	-172.24	207.6	1,079.5	281.5	247.2	34.23	8.222	
6,600.0	6,440.4	6,601.5	6,493.4	30.8	26.2	-172.22	211.2	1,098.3	285.4	250.6	34.78	8.206	
6,700.0	6,537.7	6,697.6	6,587.6	31.3	26.6	-173.09	210.2	1,116.1	289.9	254.7	35.18	8.239	
6,800.0	6,635.1	6,788.2	6,675.3	31.8	26.9	166.47	193.8	1,131.4	296.7	261.4	35.34	8.397	
6,900.0	6,731.8	6,875.0	6,755.7	32.1	27.1	123.69	164.0	1,144.3	305.2	269.4	35.75	8.536	
7,000.0	6,824.8	6,959.2	6,828.1	32.5	27.2	102.18	122.5	1,154.9	314.0	277.7	36.29	8.654	
7,100.0	6,910.5	7,041.5	6,891.8	32.7	27.4	90.87	71.2	1,163.0	322.4	285.8	36.60	8.808	
7,200.0	6,985.9	7,122.2	6,946.0	32.9	27.5	84.13	11.7	1,168.7	329.5	293.0	36.54	9.019	
7,300.0	7,048.1	7,200.0	6,989.1	33.0	27.6	79.97	-52.9	1,171.9	335.0	299.0	36.03	9.296	
7,400.0	7,094.9	7,281.1	7,023.5	33.1	27.7	77.52	-126.2	1,172.8	338.3	302.9	35.44	9.546	
7,500.0	7,124.6	7,359.8	7,045.9	33.2	27.8	76.46	-201.6	1,171.3	339.4	304.4	35.00	9.698	
7,600.0	7,142.2	7,454.1	7,062.7	33.4	28.0	76.41	-294.3	1,167.4	339.3	303.6	35.75	9.490	
7,700.0	7,154.7	7,547.8	7,075.3	33.6	28.3	76.58	-387.0	1,163.4	339.1	302.4	36.71	9.236	
7,800.0	7,158.4	7,641.4	7,080.3	34.0	28.7	76.84	-480.3	1,159.4	338.7	300.8	37.89	8.939	
7,815.4	7,158.4	7,655.8	7,080.4	34.0	28.7	76.86	-494.8	1,158.8	338.7	300.6	38.14	8.880	
7,900.0	7,158.4	7,738.7	7,078.9	34.4	29.2	76.61	-577.6	1,155.3	339.1	299.5	39.54	8.576	
8,000.0	7,158.4	7,838.7	7,076.8	35.0	29.9	76.27	-677.5	1,151.0	339.6	298.1	41.42	8.198	
8,100.0	7,158.4	7,938.7	7,074.7	35.6	30.6	75.92	-777.3	1,146.7	340.1	296.5	43.52	7.814	
8,200.0	7,158.4	8,038.7	7,072.5	36.3	31.5	75.57	-877.2	1,142.4	340.6	294.8	45.82	7.434	
8,300.0	7,158.4	8,138.7	7,070.4	37.1	32.5	75.23	-977.1	1,138.1	341.1	292.9	48.27	7.068	
8,400.0	7,158.4	8,238.6	7,068.3	38.1	33.6	74.88	-1,076.9	1,133.8	341.7	290.8	50.85	6.719	
8,500.0	7,158.4	8,338.6	7,066.1	39.0	34.7	74.54	-1,176.8	1,129.5	342.3	288.7	53.55	6.391	
8,600.0	7,158.3	8,438.6	7,064.0	40.1	36.0	74.20	-1,276.6	1,125.3	342.8	286.5	56.34	6.085	
8,700.0	7,158.3	8,538.6	7,061.9	41.2	37.2	73.86	-1,376.5	1,121.0	343.4	284.2	59.21	5.800	
8,800.0	7,158.3	8,638.5	7,059.7	42.4	38.6	73.52	-1,476.4	1,116.7	344.0	281.9	62.14	5.536	
8,900.0	7,158.3	8,738.5	7,057.6	43.7	40.0	73.18	-1,576.2	1,112.4	344.6	279.5	65.13	5.291	
9,000.0	7,158.3	8,838.5	7,055.5	45.0	41.4	72.85	-1,676.1	1,108.1	345.3	277.1	68.17	5.065	
9,100.0	7,158.3	8,938.5	7,053.3	46.3	42.9	72.51	-1,776.0	1,103.8	345.9	274.7	71.24	4.856	
9,200.0	7,158.3	9,038.5	7,051.2	47.7	44.4	72.18	-1,875.8	1,099.5	346.5	272.2	74.34	4.662	
9,300.0	7,158.3	9,138.4	7,049.1	49.1	45.9	71.84	-1,975.7	1,095.2	347.2	269.7	77.46	4.482	
9,400.0	7,158.3	9,238.4	7,046.9	50.6	47.5	71.51	-2,075.5	1,091.0	347.9	267.3	80.61	4.316	
9,500.0	7,158.3	9,338.4	7,044.8	52.1	49.1	71.18	-2,175.4	1,086.7	348.6	264.8	83.78	4.161	
9,600.0	7,158.2	9,438.4	7,042.7	53.6	50.7	70.85	-2,275.3	1,082.4	349.3	262.3	86.95	4.017	
9,700.0	7,158.2	9,538.3	7,040.6	55.1	52.4	70.52	-2,375.1	1,078.1	350.0	259.8	90.14	3.883	
9,800.0	7,158.2	9,638.3	7,038.4	56.7	54.0	70.20	-2,475.0	1,073.8	350.7	257.4	93.33	3.757	
9,900.0	7,158.2	9,738.3	7,036.3	58.3	55.7	69.87	-2,574.9	1,069.5	351.4	254.9	96.53	3.641	
10,000.0	7,158.2	9,838.3	7,034.2	59.9	57.4	69.55	-2,674.7	1,065.2	352.2	252.4	99.73	3.531	
10,100.0	7,158.2	9,938.3	7,032.0	61.5	59.1	69.23	-2,774.6	1,061.0	352.9	250.0	102.93	3.429	
10,200.0	7,158.2	10,038.2	7,029.9	63.2	60.8	68.91	-2,874.4	1,056.7	353.7	247.5	106.13	3.332	

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 P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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 O-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	7,158.2	10,138.2	7,027.8	64.9	62.5	68.59	-2,974.3	1,052.4	354.5	245.1	109.33	3.242	
10,400.0	7,158.2	10,238.2	7,025.6	66.5	64.3	68.27	-3,074.2	1,048.1	355.2	242.7	112.53	3.157	
10,500.0	7,158.1	10,338.2	7,023.5	68.2	66.0	67.95	-3,174.0	1,043.8	356.0	240.3	115.72	3.077	
10,600.0	7,158.1	10,438.1	7,021.4	69.9	67.8	67.64	-3,273.9	1,039.5	356.8	237.9	118.91	3.001	
10,700.0	7,158.1	10,538.1	7,019.2	71.6	69.5	67.32	-3,373.8	1,035.2	357.7	235.6	122.09	2.930	
10,800.0	7,158.1	10,638.1	7,017.1	73.4	71.3	67.01	-3,473.6	1,030.9	358.5	233.2	125.26	2.862	
10,900.0	7,158.1	10,738.1	7,015.0	75.1	73.1	66.70	-3,573.5	1,026.7	359.3	230.9	128.42	2.798	
11,000.0	7,158.1	10,838.1	7,012.8	76.8	74.9	66.39	-3,673.3	1,022.4	360.2	228.6	131.58	2.737	
11,100.0	7,158.1	10,938.0	7,010.7	78.6	76.7	66.08	-3,773.2	1,018.1	361.0	226.3	134.73	2.680	
11,200.0	7,158.1	11,038.0	7,008.6	80.3	78.5	65.77	-3,873.1	1,013.8	361.9	224.0	137.87	2.625	
11,300.0	7,158.1	11,138.0	7,006.4	82.1	80.3	65.47	-3,972.9	1,009.5	362.8	221.8	140.99	2.573	
11,400.0	7,158.0	11,238.0	7,004.3	83.9	82.1	65.16	-4,072.8	1,005.2	363.7	219.6	144.11	2.524	
11,500.0	7,158.0	11,337.9	7,002.2	85.6	83.9	64.86	-4,172.7	1,000.9	364.6	217.4	147.22	2.477	
11,600.0	7,158.0	11,437.9	7,000.0	87.4	85.7	64.56	-4,272.5	996.7	365.5	215.2	150.31	2.432	
11,700.0	7,158.0	11,537.9	6,997.9	89.2	87.5	64.26	-4,372.4	992.4	366.4	213.0	153.39	2.389	
11,800.0	7,158.0	11,637.9	6,995.8	91.0	89.3	63.97	-4,472.2	988.1	367.4	210.9	156.46	2.348	
11,856.5	7,158.0	11,694.4	6,994.6	92.0	90.4	63.80	-4,528.7	985.7	367.9	209.9	158.01	2.328 SF	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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												Offset Site Error:	0.0 ft
Weld County 9-28 Pad Sec.28-T7N-R64W - Weld County 16-28 (Vert.) - Wellbore #1 - Wellbore #1												Offset Well Error:	0.0 ft
Survey Program: 7335-UNKNOWN													
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
11,000.0	7,158.1	7,119.6	7,119.6	76.8	142.4	90.02	-4,538.0	993.7	920.0	704.9	215.11	4.277	
11,100.0	7,158.1	7,119.6	7,119.6	78.6	142.4	90.01	-4,538.0	993.7	827.1	610.1	216.96	3.812	
11,200.0	7,158.1	7,119.6	7,119.6	80.3	142.4	90.01	-4,538.0	993.7	736.0	517.2	218.81	3.364	
11,300.0	7,158.1	7,119.6	7,119.6	82.1	142.4	90.01	-4,538.0	993.7	647.5	426.8	220.66	2.934	
11,400.0	7,158.0	7,119.5	7,119.5	83.9	142.4	90.01	-4,538.0	993.7	562.9	340.4	222.52	2.530	
11,500.0	7,158.0	7,119.5	7,119.5	85.6	142.4	90.01	-4,538.0	993.7	484.2	259.8	224.37	2.158	
11,600.0	7,158.0	7,119.5	7,119.5	87.4	142.4	90.00	-4,538.0	993.7	414.8	188.6	226.23	1.834	
11,700.0	7,158.0	7,119.5	7,119.5	89.2	142.4	90.00	-4,538.0	993.7	360.1	132.0	228.10	1.579	
11,800.0	7,158.0	7,119.5	7,119.5	91.0	142.4	90.00	-4,538.0	993.7	327.6	97.6	229.96	1.424 Level 3	
11,856.5	7,158.0	7,119.5	7,119.5	92.0	142.4	90.00	-4,538.0	993.7	321.7	90.9	230.82	1.394 Level 3, CC, ES, SF	

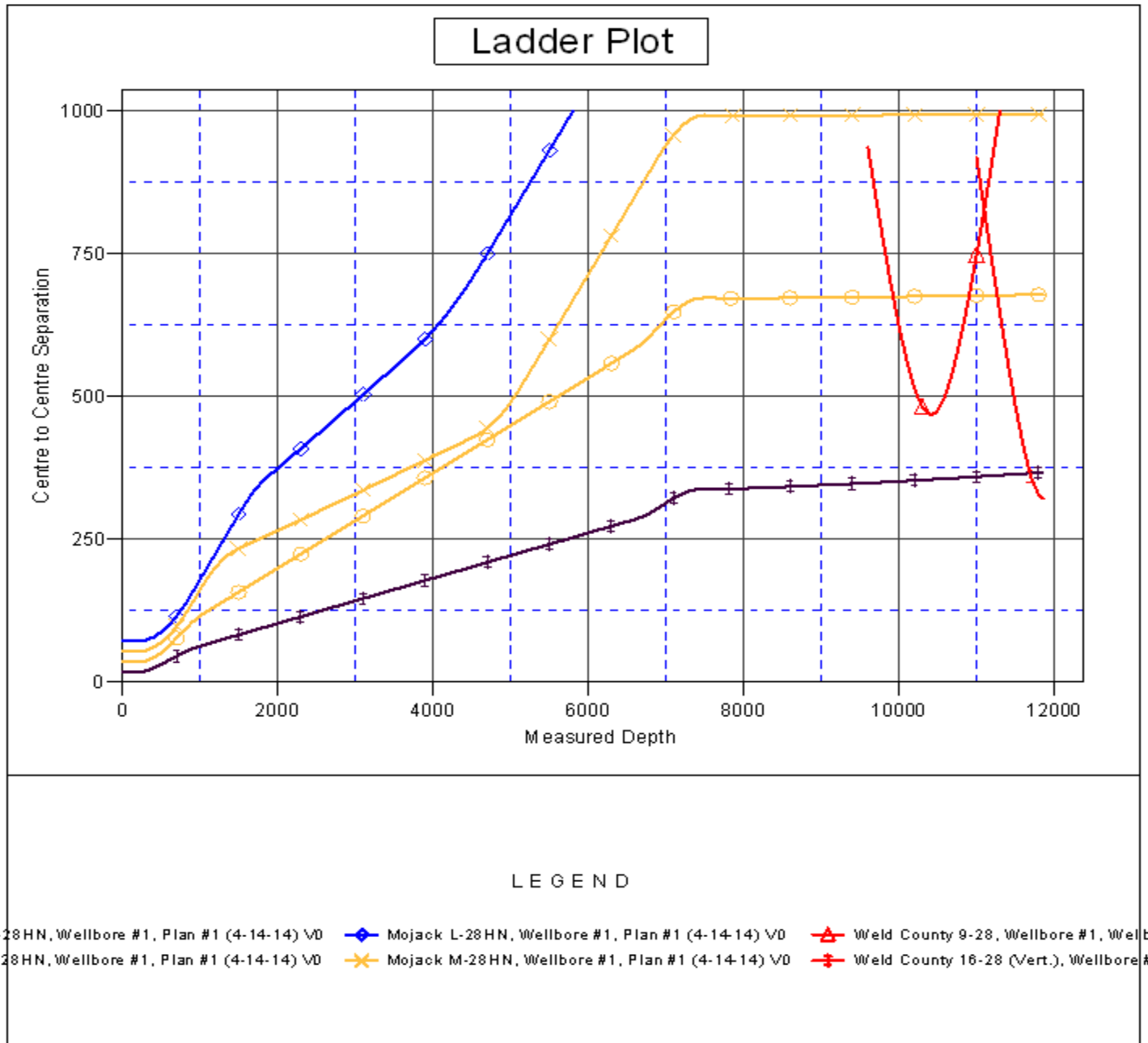
Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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 Weld County 9-28 Pad Sec.28-T7N-R64W - Weld County 9-28 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 802-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
9,600.0	7,158.2	7,325.1	7,075.8	53.6	28.9	85.15	-3,082.2	908.2	938.0	862.5	75.55	12.417	
9,700.0	7,158.2	7,332.2	7,082.9	55.1	28.9	86.01	-3,082.7	908.4	853.0	775.6	77.45	11.014	
9,800.0	7,158.2	7,339.2	7,089.8	56.7	28.9	86.85	-3,083.2	908.6	771.5	692.2	79.35	9.723	
9,900.0	7,158.2	7,346.0	7,096.6	58.3	28.9	87.68	-3,083.6	908.8	694.8	613.6	81.25	8.551	
10,000.0	7,158.2	7,352.7	7,103.3	59.9	28.9	88.49	-3,084.1	909.0	624.7	541.5	83.14	7.513	
10,100.0	7,158.2	7,359.3	7,109.9	61.5	28.9	89.29	-3,084.5	909.2	563.5	478.5	85.03	6.628	
10,200.0	7,158.2	7,365.7	7,116.3	63.2	28.9	90.08	-3,084.9	909.4	514.6	427.7	86.91	5.922	
10,300.0	7,158.2	7,372.1	7,122.6	64.9	28.9	90.85	-3,085.4	909.6	481.7	392.9	88.77	5.426	
10,400.0	7,158.2	7,378.3	7,128.8	66.5	28.9	91.61	-3,085.8	909.8	468.1	377.5	90.63	5.165	
10,414.7	7,158.2	7,379.2	7,129.7	66.8	28.9	91.72	-3,085.8	909.8	467.9	377.0	90.91	5.147 CC, ES	
10,500.0	7,158.1	7,384.4	7,134.9	68.2	28.9	92.36	-3,086.2	909.9	475.6	383.1	92.48	5.142 SF	
10,600.0	7,158.1	7,390.4	7,140.9	69.9	28.9	93.09	-3,086.5	910.1	503.1	408.8	94.32	5.334	
10,700.0	7,158.1	7,396.3	7,146.8	71.6	28.9	93.81	-3,086.9	910.2	547.7	451.6	96.15	5.696	
10,800.0	7,158.1	7,402.1	7,152.5	73.4	28.9	94.52	-3,087.3	910.4	605.6	507.7	97.97	6.182	
10,900.0	7,158.1	7,407.7	7,158.2	75.1	28.9	95.21	-3,087.6	910.5	673.4	573.7	99.77	6.750	
11,000.0	7,158.1	7,413.3	7,163.8	76.8	28.9	95.89	-3,088.0	910.7	748.4	646.9	101.57	7.369	
11,100.0	7,158.1	7,418.8	7,169.3	78.6	28.9	96.56	-3,088.3	910.8	828.7	725.4	103.35	8.019	
11,200.0	7,158.1	7,424.2	7,174.6	80.3	28.9	97.21	-3,088.6	910.9	912.9	807.7	105.12	8.684	
11,300.0	7,158.1	7,429.5	7,179.9	82.1	28.9	97.85	-3,089.0	911.1	999.9	893.0	106.88	9.355	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well Mojack P-28HC
Project:	SEC.28-T7N-R64W	TVD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Reference Site:	Mojack 28-C Pad (East) Sec.28-T7N-R64W	MD Reference:	WELL @ 4923.5ft (RKB - 22.5')
Site Error:	0.0ft	North Reference:	True
Reference Well:	Mojack P-28HC	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 @ 4923.5ft (RKB - 22.5')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000 °

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



Company: Bayswater Exploration & Production, LLC
Project: SEC.28-T7N-R64W
Reference Site: Mojack 28-C Pad (East) Sec.28-T7N-R64W
Site Error: 0.0ft
Reference Well: Mojack P-28HC
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (4-14-14)

Local Co-ordinate Reference: Well Mojack P-28HC
TVD Reference: WELL @ 4923.5ft (RKB - 22.5')
MD Reference: WELL @ 4923.5ft (RKB - 22.5')
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 4923.5ft (RKB - 22.5')
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °

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

