

# Bayswater Exploration & Production, LLC

Well Name: **Arellano M-10-9HC**

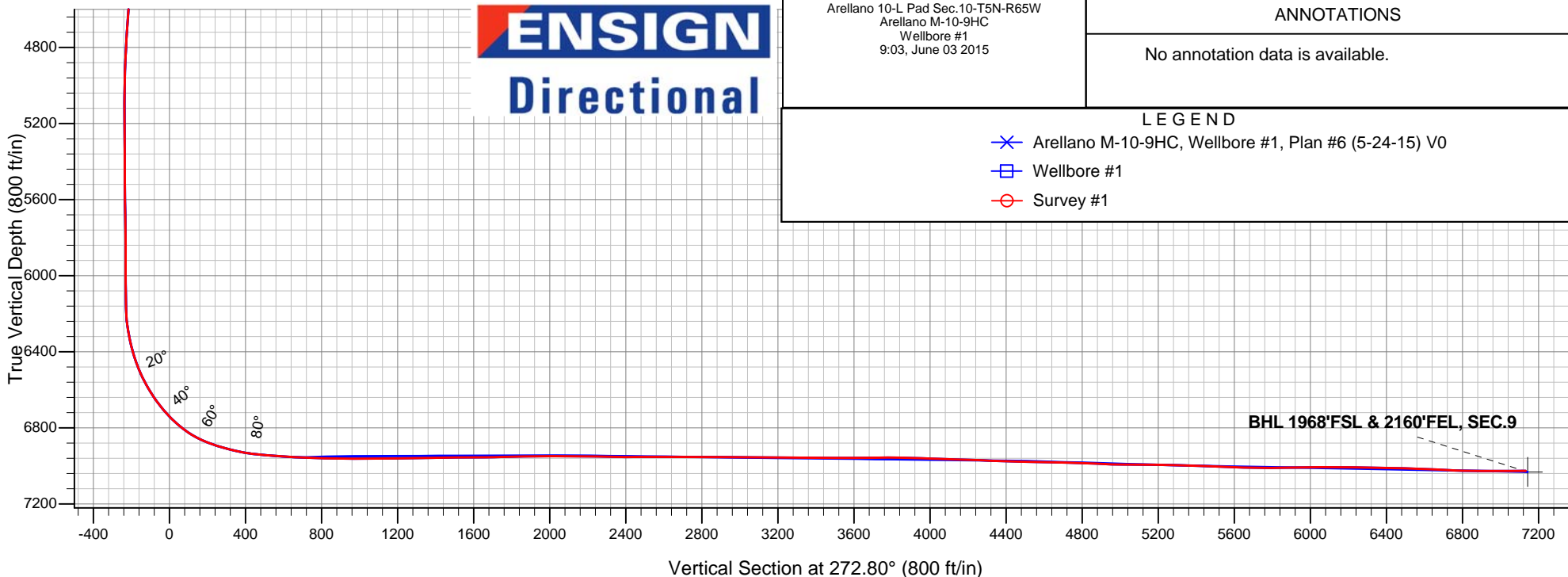
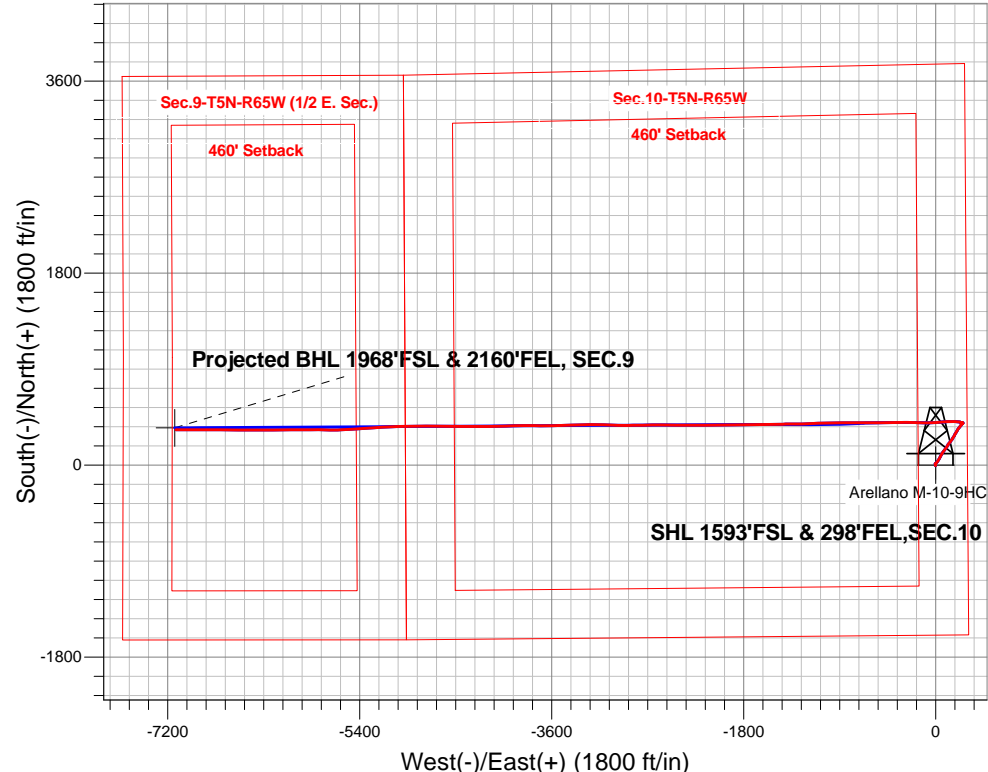
Surface Location: Arellano 10-L Pad Sec.10-T5N-R65W  
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4616.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1393713.57	3239171.23	40.410966	-104.641096	
RKB - 22.5' WELL @ 4638.5ft (RKB - 22.5')						

## FINAL SURVEY

**Projected Bottom Hole Location**  
**14030'MD 7027'TVD 332'N & 7125'W of SHL**  
**90.22 degree Incl @ 269.92 degree AZM**





# **Bayswater Exploration & Production, LLC**

**SEC.10-T5N-R65W**

**Arellano 10-L Pad Sec.10-T5N-R65W**

**Arellano M-10-9HC**

**Wellbore #1**

**Survey: Survey #1**

## **Standard Survey Report**

**08 July, 2015**



**BAYSWATER**  
**EXPLORATION & PRODUCTION, LLC**

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Arellano M-10-9HC
<b>Project:</b>	SEC.10-T5N-R65W	<b>TVD Reference:</b>	WELL @ 4638.5ft (RKB - 22.5')
<b>Site:</b>	Arellano 10-L Pad Sec.10-T5N-R65W	<b>MD Reference:</b>	WELL @ 4638.5ft (RKB - 22.5')
<b>Well:</b>	Arellano M-10-9HC	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDMNEW

<b>Project</b>	SEC.10-T5N-R65W, Weld County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Colorado Northern Zone		

Site	Arellano 10-L Pad Sec.10-T5N-R65W				
Site Position:		Northing:	1,393,742.11 ft	Latitude:	40.411044
From:	Lat/Long	Easting:	3,239,181.53 ft	Longitude:	-104.641058
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.55 °

Well	Arellano M-10-9HC					
Well Position	+N/-S	0.0 ft	Northing:	1,393,713.57 ft	Latitude:	40.410966
	+E/-W	0.0 ft	Easting:	3,239,171.23 ft	Longitude:	-104.641096
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,616.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	5/22/2015	8.27	66.94	52,737

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	272.80	

<b>Survey Program</b>	<b>Date</b>	6/3/2015			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
131.0	14,030.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

<b>Survey</b>										
<b>Measured Depth (ft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Vertical Section (ft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
1.0	0.00	191.10	1.0	0.0	0.0	0.0	0.38	0.38	0.00	
<b>SHL 1593'FSL &amp; 298'FEL, SEC.10</b>										
131.0	0.50	191.10	131.0	-0.6	-0.1	0.1	0.38	0.38	0.00	
223.0	0.40	225.60	223.0	-1.2	-0.4	0.4	0.31	-0.11	37.50	
315.0	0.70	231.20	315.0	-1.8	-1.1	1.0	0.33	0.33	6.09	
407.0	0.80	209.20	407.0	-2.7	-1.8	1.7	0.33	0.11	-23.91	
499.0	0.40	313.10	499.0	-3.0	-2.4	2.2	1.06	-0.43	112.94	
591.0	1.00	358.80	591.0	-2.0	-2.6	2.5	0.84	0.65	49.67	
683.0	1.40	12.00	683.0	-0.1	-2.4	2.4	0.53	0.43	14.35	
745.0	1.40	9.30	744.9	1.4	-2.1	2.2	0.11	0.00	-4.35	
829.0	1.80	8.60	828.9	3.7	-1.8	2.0	0.48	0.48	-0.83	
924.0	1.80	10.20	923.9	6.7	-1.3	1.6	0.05	0.00	1.68	

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Arellano M-10-9HC
<b>Project:</b>	SEC.10-T5N-R65W	<b>TVD Reference:</b>	WELL @ 4638.5ft (RKB - 22.5')
<b>Site:</b>	Arellano 10-L Pad Sec.10-T5N-R65W	<b>MD Reference:</b>	WELL @ 4638.5ft (RKB - 22.5')
<b>Well:</b>	Arellano M-10-9HC	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDMNEW

## 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)
1,020.0	1.50	283.20	1,019.8	8.4	-2.2	2.7	2.38	-0.31	-90.63
1,115.0	1.50	279.20	1,114.8	8.9	-4.7	5.1	0.11	0.00	-4.21
1,207.0	1.30	348.90	1,206.8	10.1	-6.1	6.6	1.75	-0.22	75.76
1,299.0	2.60	41.90	1,298.7	12.7	-4.9	5.5	2.28	1.41	57.61
1,392.0	4.50	54.20	1,391.5	16.4	-0.5	1.3	2.19	2.04	13.23
1,484.0	6.20	49.90	1,483.1	21.7	6.2	-5.1	1.90	1.85	-4.67
1,576.0	6.90	37.50	1,574.5	29.3	13.4	-11.9	1.71	0.76	-13.48
1,668.0	7.70	31.70	1,665.8	38.9	20.0	-18.1	1.18	0.87	-6.30
1,760.0	6.30	26.90	1,757.1	48.7	25.5	-23.1	1.65	-1.52	-5.22
1,852.0	6.80	33.10	1,848.5	57.8	30.8	-27.9	0.94	0.54	6.74
1,944.0	7.50	27.40	1,939.8	67.6	36.5	-33.2	1.08	0.76	-6.20
2,036.0	7.80	29.70	2,031.0	78.4	42.4	-38.5	0.47	0.33	2.50
2,128.0	6.60	25.00	2,122.3	88.6	47.7	-43.3	1.45	-1.30	-5.11
2,220.0	6.80	31.50	2,213.6	98.0	52.8	-47.9	0.85	0.22	7.07
2,312.0	7.60	32.20	2,304.9	107.8	58.9	-53.5	0.87	0.87	0.76
2,404.0	7.70	37.50	2,396.1	117.9	65.9	-60.0	0.77	0.11	5.76
2,497.0	8.30	33.40	2,488.2	128.4	73.3	-67.0	0.89	0.65	-4.41
2,592.0	7.60	31.80	2,582.3	139.5	80.4	-73.5	0.77	-0.74	-1.68
2,687.0	8.90	38.30	2,676.3	150.6	88.3	-80.8	1.68	1.37	6.84
2,782.0	9.20	38.20	2,770.1	162.3	97.5	-89.5	0.32	0.32	-0.11
2,877.0	9.00	31.10	2,863.9	174.7	106.1	-97.4	1.20	-0.21	-7.47
2,972.0	9.30	26.60	2,957.7	187.9	113.4	-104.0	0.82	0.32	-4.74
3,068.0	8.00	37.80	3,052.6	200.1	120.9	-111.0	2.21	-1.35	11.67
3,163.0	7.60	42.20	3,146.7	210.0	129.2	-118.8	0.76	-0.42	4.63
3,258.0	7.70	35.40	3,240.9	219.8	137.1	-126.2	0.96	0.11	-7.16
3,353.0	6.00	33.80	3,335.2	229.1	143.5	-132.2	1.80	-1.79	-1.68
3,448.0	6.10	35.90	3,429.7	237.4	149.3	-137.5	0.26	0.11	2.21
3,544.0	6.30	37.80	3,525.1	245.6	155.5	-143.3	0.30	0.21	1.98
3,639.0	7.50	28.00	3,619.4	255.2	161.6	-148.9	1.77	1.26	-10.32
3,734.0	8.00	30.30	3,713.6	266.4	167.8	-154.6	0.62	0.53	2.42
3,829.0	8.10	30.40	3,807.6	277.9	174.6	-160.8	0.11	0.11	0.11
3,924.0	8.40	29.20	3,901.6	289.7	181.3	-167.0	0.36	0.32	-1.26
4,019.0	7.10	30.40	3,995.8	300.9	187.7	-172.8	1.38	-1.37	1.26
4,115.0	7.70	29.50	4,091.0	311.6	193.9	-178.4	0.64	0.63	-0.94
4,210.0	8.40	31.10	4,185.0	323.1	200.6	-184.6	0.77	0.74	1.68
4,305.0	7.80	33.10	4,279.1	334.4	207.7	-191.1	0.70	-0.63	2.11
4,400.0	8.50	36.90	4,373.1	345.4	215.4	-198.3	0.93	0.74	4.00
4,495.0	8.20	35.00	4,467.1	356.6	223.5	-205.8	0.43	-0.32	-2.00
4,591.0	7.00	36.90	4,562.3	366.9	231.0	-212.8	1.28	-1.25	1.98
4,686.0	6.00	40.60	4,656.7	375.3	237.7	-219.1	1.14	-1.05	3.89
4,781.0	5.80	41.30	4,751.2	382.6	244.1	-225.1	0.22	-0.21	0.74
4,876.0	4.10	38.20	4,845.8	388.9	249.3	-230.0	1.81	-1.79	-3.26
4,971.0	2.80	47.30	4,940.6	393.2	253.1	-233.6	1.48	-1.37	9.58
5,067.0	1.00	52.60	5,036.6	395.3	255.5	-235.9	1.88	-1.88	5.52
5,161.0	0.60	245.60	5,130.6	395.5	255.7	-236.1	1.69	-0.43	-177.66
5,256.0	0.60	226.60	5,225.6	395.0	254.9	-235.3	0.21	0.00	-20.00
5,351.0	0.50	228.20	5,320.6	394.4	254.2	-234.7	0.11	-0.11	1.68
5,447.0	0.20	182.30	5,416.6	393.9	253.9	-234.4	0.40	-0.31	-47.81
5,542.0	0.60	221.90	5,511.6	393.4	253.6	-234.1	0.49	0.42	41.68
5,637.0	1.00	270.50	5,606.5	393.0	252.4	-232.9	0.79	0.42	51.16
5,732.0	0.50	246.10	5,701.5	392.9	251.2	-231.7	0.61	-0.53	-25.68
5,827.0	0.80	271.60	5,796.5	392.7	250.2	-230.7	0.43	0.32	26.84
5,922.0	0.40	318.90	5,891.5	393.0	249.3	-229.8	0.64	-0.42	49.79
6,017.0	0.80	349.80	5,986.5	393.9	249.0	-229.4	0.53	0.42	32.53

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<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDMNEW

## 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)
6,112.0	1.00	335.40	6,081.5	395.3	248.5	-228.9	0.32	0.21	-15.16
6,207.0	1.50	314.10	6,176.5	396.9	247.3	-227.6	0.71	0.53	-22.42
6,302.0	8.70	288.80	6,271.1	400.1	239.6	-219.7	7.76	7.58	-26.63
6,397.0	13.80	280.00	6,364.2	404.4	221.6	-201.6	5.65	5.37	-9.26
6,493.0	19.30	272.00	6,456.2	406.9	194.4	-174.3	6.19	5.73	-8.33
6,588.0	26.60	271.10	6,543.6	407.9	157.4	-137.3	7.69	7.68	-0.95
6,683.0	32.90	269.80	6,626.1	408.2	110.3	-90.2	6.67	6.63	-1.37
6,779.0	40.30	263.00	6,703.1	404.3	53.3	-33.5	8.78	7.71	-7.08
6,874.0	47.70	266.70	6,771.4	398.6	-12.3	31.8	8.24	7.79	3.89
6,969.0	56.90	270.40	6,829.5	396.8	-87.4	106.7	10.16	9.68	3.89
7,065.0	68.10	272.30	6,873.7	398.9	-172.4	191.7	11.80	11.67	1.98
7,160.0	74.60	271.20	6,904.1	401.6	-262.3	281.6	6.93	6.84	-1.16
7,208.0	76.20	269.80	6,916.2	402.0	-308.7	328.0	4.37	3.33	-2.92
7,255.0	78.00	269.10	6,926.7	401.6	-354.6	373.7	4.10	3.83	-1.49
7,303.0	81.60	268.30	6,935.2	400.5	-401.8	420.9	7.68	7.50	-1.67
7,336.0	84.20	267.90	6,939.3	399.4	-434.5	453.5	7.97	7.88	-1.21
7,447.0	86.35	270.36	6,948.4	397.7	-545.1	563.9	2.94	1.94	2.22
7,541.0	86.17	269.92	6,954.5	398.0	-638.9	657.6	0.50	-0.19	-0.47
7,635.0	88.29	269.66	6,959.1	397.6	-732.8	751.3	2.27	2.26	-0.28
7,647.1	88.49	269.64	6,959.4	397.6	-744.9	763.4	1.63	1.62	-0.20
<b>WP #1 (M-10-9HC)</b>									
7,727.0	89.78	269.48	6,960.6	396.9	-824.8	843.2	1.63	1.62	-0.20
7,819.0	89.25	269.66	6,961.4	396.2	-916.8	935.0	0.61	-0.58	0.20
7,911.0	90.04	269.40	6,962.0	395.5	-1,008.7	1,026.9	0.90	0.86	-0.28
8,002.0	89.87	267.20	6,962.0	392.8	-1,099.7	1,117.6	2.42	-0.19	-2.42
8,094.0	90.84	267.07	6,961.5	388.2	-1,191.6	1,209.1	1.06	1.05	-0.14
8,185.0	90.84	269.51	6,960.1	385.5	-1,282.5	1,299.8	2.68	0.00	2.68
8,277.0	91.71	270.02	6,958.1	385.1	-1,374.5	1,391.7	1.10	0.95	0.55
8,369.0	90.31	268.07	6,956.5	383.6	-1,466.5	1,483.5	2.61	-1.52	-2.12
8,459.0	90.13	268.17	6,956.1	380.6	-1,556.4	1,573.2	0.23	-0.20	0.11
8,550.0	90.75	269.67	6,955.4	378.9	-1,647.4	1,663.9	1.78	0.68	1.65
8,642.0	92.07	270.97	6,953.2	379.4	-1,739.4	1,755.8	2.01	1.43	1.41
8,734.0	90.04	268.86	6,951.5	379.3	-1,831.3	1,847.7	3.18	-2.21	-2.29
8,826.0	90.84	269.23	6,950.8	377.7	-1,923.3	1,939.5	0.96	0.87	0.40
8,918.0	90.92	269.00	6,949.3	376.3	-2,015.3	2,031.3	0.26	0.09	-0.25
8,950.3	90.36	268.95	6,949.0	375.7	-2,047.6	2,063.6	1.74	-1.74	-0.16
<b>WP #2 (M-10-9HC)</b>									
9,009.0	89.34	268.85	6,949.1	374.6	-2,106.3	2,122.1	1.74	-1.74	-0.16
9,100.0	88.64	269.86	6,950.7	373.6	-2,197.3	2,212.9	1.35	-0.77	1.11
9,192.0	88.90	270.57	6,952.7	373.9	-2,289.2	2,304.8	0.82	0.28	0.77
9,283.0	89.96	270.73	6,953.6	375.0	-2,380.2	2,395.7	1.18	1.16	0.18
9,375.0	90.31	270.56	6,953.4	376.0	-2,472.2	2,487.6	0.42	0.38	-0.18
9,467.0	90.04	270.20	6,953.1	376.6	-2,564.2	2,579.6	0.49	-0.29	-0.39
9,558.0	90.04	269.60	6,953.1	376.5	-2,655.2	2,670.4	0.66	0.00	-0.66
9,650.0	89.52	268.85	6,953.4	375.2	-2,747.2	2,762.3	0.99	-0.57	-0.82
9,742.0	88.99	269.40	6,954.6	373.8	-2,839.2	2,854.1	0.83	-0.58	0.60
9,834.0	89.60	270.15	6,955.7	373.4	-2,931.2	2,945.9	1.05	0.66	0.82
9,926.0	90.92	271.98	6,955.3	375.2	-3,023.2	3,037.9	2.45	1.43	1.99
10,018.0	89.52	271.71	6,955.0	378.1	-3,115.1	3,129.9	1.55	-1.52	-0.29
10,110.0	89.16	270.24	6,956.0	379.7	-3,207.1	3,221.8	1.64	-0.39	-1.60
10,202.0	89.34	268.81	6,957.2	378.9	-3,299.1	3,313.6	1.57	0.20	-1.55
10,294.0	89.78	268.30	6,957.9	376.6	-3,391.0	3,405.4	0.73	0.48	-0.55
10,386.0	89.52	267.79	6,958.5	373.5	-3,483.0	3,497.1	0.62	-0.28	-0.55
10,480.0	90.48	268.90	6,958.5	370.7	-3,576.9	3,590.8	1.56	1.02	1.18

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<b>Well:</b>	Arellano M-10-9HC	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDMNEW

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)
10,575.0	90.57	270.10	6,957.6	369.9	-3,671.9	3,685.6	1.27	0.09	1.26
10,669.0	90.57	271.08	6,956.7	370.9	-3,765.9	3,779.5	1.04	0.00	1.04
10,763.0	88.02	269.16	6,957.9	371.1	-3,859.9	3,873.4	3.40	-2.71	-2.04
10,857.0	87.93	269.07	6,961.2	369.6	-3,953.8	3,967.2	0.14	-0.10	-0.10
10,952.0	88.46	268.65	6,964.2	367.7	-4,048.8	4,061.9	0.71	0.56	-0.44
11,046.0	88.37	267.77	6,966.8	364.8	-4,142.7	4,155.6	0.94	-0.10	-0.94
11,140.0	87.32	268.55	6,970.3	361.8	-4,236.6	4,249.2	1.39	-1.12	0.83
11,234.0	88.46	270.67	6,973.8	361.2	-4,330.5	4,343.0	2.56	1.21	2.26
11,329.0	87.58	270.43	6,977.1	362.1	-4,425.4	4,437.8	0.96	-0.93	-0.25
11,348.2	87.90	270.61	6,977.8	362.2	-4,444.6	4,457.0	1.91	1.66	0.95
<b>WP #3 (M-10-9HC)</b>									
11,424.0	89.16	271.33	6,979.8	363.5	-4,520.4	4,532.7	1.91	1.66	0.95
11,518.0	89.25	270.92	6,981.1	365.4	-4,614.3	4,626.7	0.45	0.10	-0.44
11,612.0	87.85	270.63	6,983.4	366.6	-4,708.3	4,720.6	1.52	-1.49	-0.31
11,706.0	87.58	269.69	6,987.2	366.9	-4,802.2	4,814.4	1.04	-0.29	-1.00
11,800.0	87.93	268.41	6,990.9	365.3	-4,896.1	4,908.1	1.41	0.37	-1.36
11,894.0	89.60	268.63	6,992.9	362.9	-4,990.1	5,001.9	1.79	1.78	0.23
11,989.0	89.08	267.48	6,994.0	359.7	-5,085.0	5,096.5	1.33	-0.55	-1.21
12,083.0	89.52	266.64	6,995.1	354.9	-5,178.9	5,190.0	1.01	0.47	-0.89
12,177.0	88.72	266.80	6,996.6	349.5	-5,272.7	5,283.5	0.87	-0.85	0.17
12,198.1	88.56	266.70	6,997.1	348.3	-5,293.8	5,304.5	0.88	-0.74	-0.48
<b>WP #4 (M-10-9HC)</b>									
12,272.0	88.02	266.34	6,999.3	343.8	-5,367.5	5,377.9	0.88	-0.74	-0.48
12,383.0	87.67	266.71	7,003.5	337.1	-5,478.2	5,488.2	0.46	-0.32	0.33
12,477.0	87.93	266.81	7,007.1	331.8	-5,572.0	5,581.6	0.30	0.28	0.11
12,572.0	88.99	270.69	7,009.6	329.7	-5,666.9	5,676.3	4.23	1.12	4.08
12,666.0	89.96	270.74	7,010.5	330.9	-5,760.9	5,770.2	1.03	1.03	0.05
12,760.0	90.66	270.28	7,010.0	331.7	-5,854.9	5,864.1	0.89	0.74	-0.49
12,854.0	90.92	269.87	7,008.7	331.8	-5,948.9	5,958.0	0.52	0.28	-0.44
12,949.0	90.84	269.84	7,007.2	331.6	-6,043.9	6,052.9	0.09	-0.08	-0.03
13,044.0	89.08	269.14	7,007.3	330.8	-6,138.9	6,147.7	1.99	-1.85	-0.74
13,138.0	88.81	269.44	7,009.0	329.6	-6,232.9	6,241.5	0.43	-0.29	0.32
13,233.0	89.16	270.00	7,010.7	329.1	-6,327.9	6,336.4	0.70	0.37	0.59
13,327.0	89.34	270.34	7,011.9	329.4	-6,421.8	6,430.3	0.41	0.19	0.36
13,422.0	87.93	270.36	7,014.2	330.0	-6,516.8	6,525.2	1.48	-1.48	0.02
13,516.0	86.97	270.36	7,018.4	330.6	-6,610.7	6,619.0	1.02	-1.02	0.00
13,611.0	87.67	270.23	7,022.8	331.1	-6,705.6	6,713.8	0.75	0.74	-0.14
13,704.0	88.72	270.24	7,025.7	331.4	-6,798.6	6,806.6	1.13	1.13	0.01
13,798.0	89.43	270.07	7,027.3	331.7	-6,892.5	6,900.5	0.78	0.76	-0.18
13,892.0	90.13	270.04	7,027.6	331.8	-6,986.5	6,994.4	0.75	0.74	-0.03
13,950.0	90.22	269.92	7,027.4	331.8	-7,044.5	7,052.3	0.26	0.16	-0.21
14,030.0	90.22	269.92	7,027.1	331.7	-7,124.5	7,132.2	0.00	0.00	0.00
<b>BHL 1985'FSL &amp; 2170'FEL, SEC.9</b>									

<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>Local Co-ordinate Reference:</b>	Well Arellano M-10-9HC
<b>Project:</b>	SEC.10-T5N-R65W	<b>TVD Reference:</b>	WELL @ 4638.5ft (RKB - 22.5')
<b>Site:</b>	Arellano 10-L Pad Sec.10-T5N-R65W	<b>MD Reference:</b>	WELL @ 4638.5ft (RKB - 22.5')
<b>Well:</b>	Arellano M-10-9HC	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDMNEW

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
SHL 1593'FSL & 298'I	0.00	0.00	1.0	0.0	0.0	1,393,713.59	3,239,171.23	40.410966	-104.641096
- survey hits target center									
- Point									
BHL 1985'FSL & 217'C	0.00	0.00	7,032.0	349.0	-7,134.8	1,393,993.40	3,232,033.44	40.411921	-104.666718
- survey misses target center by 20.7ft at 14030.0ft MD (7027.1 TVD, 331.7 N, -7124.5 E)									
- Point									

Checked By: _____	Approved By: _____	Date: _____
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