

Bayswater Exploration & Production, LLC

Well Name: **East Ault 11-18-19HNC**

Surface Location: East Ault 18-C Pad Sec.18-T7N-R65W

North American Datum 1983 , US State Plane 1983, Colorado Northern Zone

Ground Elevation: 4909.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1455735.73	3220987.73	40.581672	-104.704394	

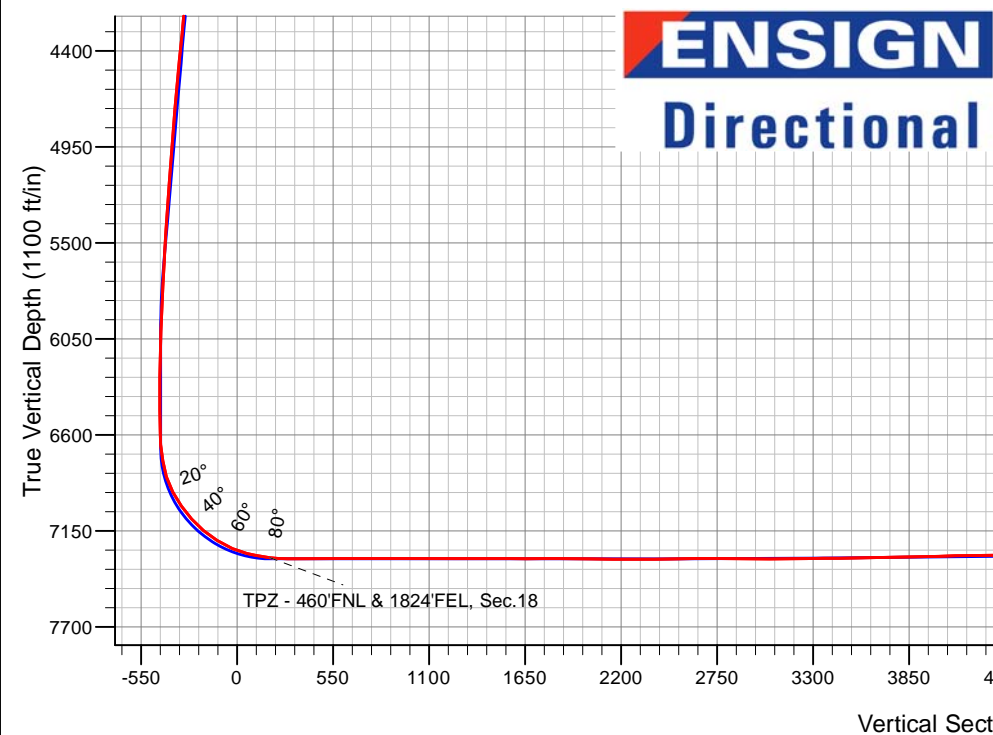
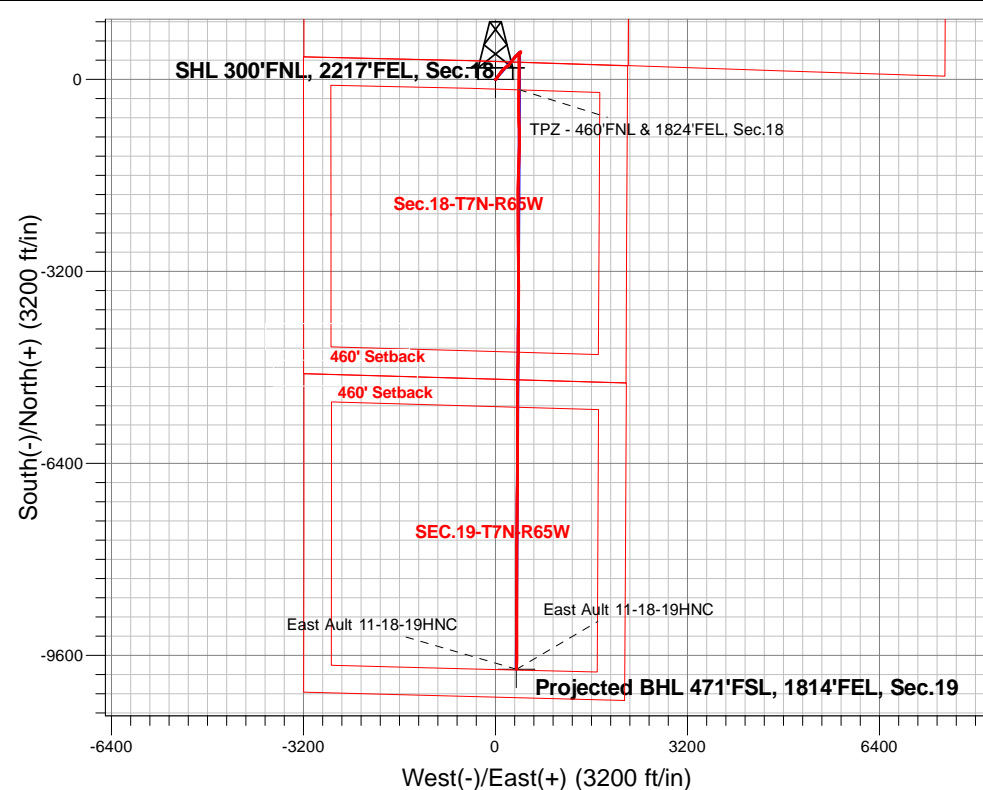
Original Well Elev WELL @ 4934.0ft (Original Well Elev)

FINAL SURVEY

Projected Bottom Hole Location

17,340'MD 7262'TVD 9832'S & 351'E of SHL

90.57 degree Incl @ 182.07 degree AZM



ENSIGN
Directional

East Ault 18-C Pad Sec.18-T7N-R65W
East Ault 11-18-19HNC
East Ault 11-18-19HNC Wellbore #1
11:41, July 14 2020

ANNOTATIONS

TVD	MD	Annotation
7302.8	7678.5	TPZ - 460'FNL & 1824'FEL, Sec.18

LEGEND

- East Ault 11-18-19HNC, East Ault 11-18-19HNC Wellbore #1, Plan #4 (7-8-20) V0
- East Ault 11-18-19HNC Wellbore #1
- Survey #1

Projected BHL 471'FSL, 1814'FEL, Sec.19

East Ault 11-18-19HNC

East Ault 11-18-19HNC



Bayswater Exploration & Production, LLC

SEC.18-T7N-R65W

East Ault 18-C Pad Sec.18-T7N-R65W

East Ault 11-18-19HNC

East Ault 11-18-19HNC Wellbore #1

Survey: Survey #1

Standard Survey Report

14 July, 2020



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well East Ault 11-18-19HNC
Project:	SEC.18-T7N-R65W	TVD Reference:	WELL @ 4934.0ft (Original Well Elev)
Site:	East Ault 18-C Pad Sec.18-T7N-R65W	MD Reference:	WELL @ 4934.0ft (Original Well Elev)
Well:	East Ault 11-18-19HNC	North Reference:	True
Wellbore:	East Ault 11-18-19HNC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	East Ault 11-18-19HNC Wellbore #1	Database:	US_EDM

Project	SEC.18-T7N-R65W, Weld County, CO		
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		East Ault 18-C Pad Sec.18-T7N-R65W			
Site Position:		Northing:	1,455,737.31 usft	Latitude:	40.581680
From:	Lat/Long	Easting:	3,220,838.00 usft	Longitude:	-104.704933
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.51 °

Well	East Ault 11-18-19HNC					
Well Position	+N/-S	0.0 ft	Northing:	1,455,735.73 usft	Latitude:	40.581672
	+E/-W	0.0 ft	Easting:	3,220,987.73 usft	Longitude:	-104.704394
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,909.0 ft

Wellbore	East Ault 11-18-19HNC Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	07/08/2020	7.87	66.88	52,140

Design	East Ault 11-18-19HNC Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	177.96	

Survey Program	Date	07/14/2020			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
216.0	17,340.0	Survey #1 (East Ault 11-18-19HNC Wellbo	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
216.0	0.35	170.54	216.0	-0.7	0.1	0.7	0.16	0.16	0.00	
310.0	0.53	148.57	310.0	-1.3	0.4	1.3	0.26	0.19	-23.37	
404.0	0.44	158.06	404.0	-2.0	0.7	2.0	0.13	-0.10	10.10	
499.0	0.79	123.61	499.0	-2.7	1.4	2.8	0.52	0.37	-36.26	
593.0	0.70	136.97	593.0	-3.5	2.4	3.6	0.21	-0.10	14.21	
687.0	0.79	135.91	687.0	-4.4	3.2	4.5	0.10	0.10	-1.13	
782.0	1.93	61.91	781.9	-4.1	5.1	4.3	1.97	1.20	-77.89	
876.0	3.87	49.78	875.8	-1.3	8.9	1.6	2.15	2.06	-12.90	
971.0	6.24	36.60	970.5	4.9	14.4	-4.4	2.76	2.49	-13.87	

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Wellbore:	East Ault 11-18-19HNC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	East Ault 11-18-19HNC Wellbore #1	Database:	US_EDM

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,066.0	7.12	33.96	1,064.8	13.9	20.8	-13.2	0.98	0.93	-2.78
1,160.0	7.91	32.91	1,158.0	24.2	27.5	-23.2	0.85	0.84	-1.12
1,255.0	8.00	29.04	1,252.1	35.5	34.3	-34.2	0.57	0.09	-4.07
1,350.0	8.00	34.84	1,346.2	46.7	41.3	-45.2	0.85	0.00	6.11
1,444.0	8.44	38.88	1,439.2	57.4	49.4	-55.6	0.77	0.47	4.30
1,501.0	8.27	38.36	1,495.6	63.9	54.5	-61.9	0.33	-0.30	-0.91
1,567.0	8.62	36.00	1,560.9	71.6	60.4	-69.4	0.75	0.53	-3.58
1,662.0	8.44	35.64	1,654.8	83.0	68.6	-80.5	0.20	-0.19	-0.38
1,756.0	8.97	34.76	1,747.7	94.7	76.8	-91.9	0.58	0.56	-0.94
1,851.0	8.88	34.06	1,841.6	106.8	85.2	-103.7	0.15	-0.09	-0.74
1,946.0	8.79	33.18	1,935.5	119.0	93.2	-115.6	0.17	-0.09	-0.93
2,040.0	7.30	44.78	2,028.5	129.2	101.4	-125.5	2.34	-1.59	12.34
2,135.0	7.21	43.91	2,122.8	137.8	109.8	-133.8	0.15	-0.09	-0.92
2,229.0	7.21	42.15	2,216.0	146.4	117.8	-142.1	0.23	0.00	-1.87
2,324.0	6.95	40.57	2,310.3	155.2	125.6	-150.7	0.34	-0.27	-1.66
2,419.0	6.60	39.51	2,404.7	163.8	132.8	-159.0	0.39	-0.37	-1.12
2,513.0	6.24	36.87	2,498.1	172.0	139.3	-167.0	0.50	-0.38	-2.81
2,608.0	6.77	56.39	2,592.5	179.3	147.0	-173.9	2.38	0.56	20.55
2,703.0	6.42	54.80	2,686.8	185.4	156.0	-179.8	0.42	-0.37	-1.67
2,798.0	6.24	53.92	2,781.3	191.5	164.5	-185.6	0.22	-0.19	-0.93
2,893.0	6.07	52.17	2,875.7	197.7	172.7	-191.4	0.27	-0.18	-1.84
3,010.0	5.80	51.29	2,992.1	205.2	182.2	-198.5	0.24	-0.23	-0.75
3,104.0	5.45	51.11	3,085.6	210.9	189.4	-204.1	0.37	-0.37	-0.19
3,198.0	7.21	54.10	3,179.0	217.2	197.6	-210.0	1.90	1.87	3.18
3,293.0	6.86	52.17	3,273.3	224.2	206.9	-216.7	0.44	-0.37	-2.03
3,387.0	6.51	51.82	3,366.7	230.9	215.5	-223.1	0.37	-0.37	-0.37
3,482.0	5.98	51.82	3,461.1	237.3	223.7	-229.2	0.56	-0.56	0.00
3,576.0	7.74	38.63	3,554.5	245.3	231.5	-236.9	2.50	1.87	-14.03
3,671.0	6.95	36.17	3,648.7	254.9	238.9	-246.2	0.89	-0.83	-2.59
3,765.0	6.51	30.72	3,742.0	264.1	244.9	-255.2	0.82	-0.47	-5.80
3,860.0	8.18	34.24	3,836.3	274.3	251.5	-265.2	1.82	1.76	3.71
3,954.0	7.83	33.71	3,929.3	285.1	258.8	-275.8	0.38	-0.37	-0.56
4,048.0	7.65	33.36	4,022.5	295.7	265.8	-286.1	0.20	-0.19	-0.37
4,143.0	7.83	31.42	4,116.6	306.5	272.7	-296.6	0.33	0.19	-2.04
4,238.0	8.00	45.84	4,210.7	316.6	280.8	-306.4	2.09	0.18	15.18
4,332.0	7.91	44.43	4,303.8	325.8	290.0	-315.3	0.23	-0.10	-1.50
4,426.0	7.65	42.67	4,396.9	335.0	298.8	-324.2	0.38	-0.28	-1.87
4,521.0	7.39	39.51	4,491.1	344.4	306.9	-333.3	0.51	-0.27	-3.33
4,615.0	7.03	35.47	4,584.4	353.7	314.1	-342.3	0.66	-0.38	-4.30
4,709.0	6.77	34.59	4,677.7	363.0	320.6	-351.4	0.30	-0.28	-0.94
4,804.0	6.86	33.36	4,772.0	372.3	326.9	-360.5	0.18	0.09	-1.29
4,898.0	6.95	53.22	4,865.4	380.4	334.5	-368.3	2.53	0.10	21.13
4,993.0	6.42	53.92	4,959.7	387.0	343.4	-374.5	0.56	-0.56	0.74
5,088.0	5.98	54.80	5,054.2	393.0	351.8	-380.2	0.47	-0.46	0.93

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Survey									
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5,182.0	6.77	45.31	5,147.6	399.7	359.7	-386.7	1.40	0.84	-10.10
5,277.0	6.33	44.08	5,242.0	407.4	367.3	-394.1	0.49	-0.46	-1.29
5,371.0	5.80	42.85	5,335.4	414.6	374.2	-401.0	0.58	-0.56	-1.31
5,465.0	5.01	40.74	5,429.0	421.2	380.1	-407.4	0.87	-0.84	-2.24
5,560.0	5.36	51.82	5,523.6	427.1	386.3	-413.1	1.11	0.37	11.66
5,654.0	4.57	51.82	5,617.3	432.1	392.7	-417.9	0.84	-0.84	0.00
5,749.0	4.92	47.42	5,712.0	437.2	398.6	-422.8	0.53	0.37	-4.63
5,843.0	4.22	45.14	5,805.7	442.4	404.1	-427.7	0.77	-0.74	-2.43
5,937.0	3.61	46.19	5,899.4	446.9	408.7	-432.0	0.65	-0.65	1.12
6,032.0	3.08	48.12	5,994.3	450.6	412.7	-435.7	0.57	-0.56	2.03
6,126.0	1.85	37.40	6,088.2	453.5	415.5	-438.5	1.39	-1.31	-11.40
6,221.0	1.58	44.43	6,183.1	455.7	417.4	-440.5	0.36	-0.28	7.40
6,315.0	1.76	55.51	6,277.1	457.4	419.5	-442.2	0.39	0.19	11.79
6,410.0	0.26	134.96	6,372.1	458.1	420.8	-442.8	1.82	-1.58	83.63
6,505.0	0.79	127.93	6,467.1	457.5	421.5	-442.3	0.56	0.56	-7.40
6,600.0	1.14	108.59	6,562.1	456.8	422.9	-441.5	0.50	0.37	-20.36
6,694.0	5.01	203.87	6,655.9	452.8	422.1	-437.5	5.57	4.12	101.36
6,788.0	11.70	210.55	6,748.9	440.8	415.6	-425.7	7.18	7.12	7.11
6,882.0	18.11	201.93	6,839.7	419.0	405.3	-404.3	7.20	6.82	-9.17
6,977.0	28.58	191.74	6,926.8	383.0	395.1	-368.7	11.77	11.02	-10.73
7,072.0	35.26	178.03	7,007.5	333.2	391.4	-319.1	10.34	7.03	-14.43
7,167.0	41.50	177.67	7,082.0	274.3	393.7	-260.1	6.57	6.57	-0.38
7,261.0	50.30	178.20	7,147.3	206.9	396.1	-192.7	9.37	9.36	0.56
7,356.0	57.86	180.84	7,203.0	130.0	396.6	-115.8	8.27	7.96	2.78
7,450.0	65.86	181.37	7,247.3	47.2	395.0	-33.1	8.53	8.51	0.56
7,545.0	75.89	180.14	7,278.4	-42.4	393.9	56.4	10.63	10.56	-1.29
7,639.0	80.81	181.01	7,297.4	-134.5	392.9	148.3	5.31	5.23	0.93
7,678.5	83.51	181.01	7,302.8	-173.6	392.2	187.4	6.83	6.83	0.00
TPZ - 460°FNL & 1824°FEL, Sec.18									
7,733.0	87.23	181.01	7,307.2	-227.9	391.3	241.6	6.83	6.83	0.00
7,827.0	90.57	181.19	7,309.0	-321.8	389.5	335.5	3.56	3.55	0.19
7,922.0	89.34	179.78	7,309.0	-416.8	388.7	430.4	1.97	-1.29	-1.48
8,015.0	89.87	179.43	7,309.7	-509.8	389.3	523.3	0.68	0.57	-0.38
8,110.0	90.57	179.08	7,309.3	-604.8	390.6	618.3	0.82	0.74	-0.37
8,205.0	91.98	178.55	7,307.2	-699.8	392.5	713.3	1.59	1.48	-0.56
8,299.0	89.16	178.73	7,306.3	-793.7	394.7	807.3	3.01	-3.00	0.19
8,394.0	90.13	178.03	7,306.9	-888.7	397.4	902.3	1.26	1.02	-0.74
8,489.0	89.08	179.08	7,307.5	-983.6	399.8	997.2	1.56	-1.11	1.11
8,583.0	89.69	179.08	7,308.5	-1,077.6	401.3	1,091.2	0.65	0.65	0.00
8,678.0	89.60	182.77	7,309.1	-1,172.6	399.8	1,186.1	3.89	-0.09	3.88
8,773.0	90.31	182.25	7,309.2	-1,267.5	395.6	1,280.8	0.93	0.75	-0.55
8,867.0	91.19	182.77	7,308.0	-1,361.4	391.5	1,374.5	1.09	0.94	0.55
8,962.0	89.43	181.89	7,307.4	-1,456.3	387.7	1,469.2	2.07	-1.85	-0.93

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9,057.0	89.60	181.54	7,308.2	-1,551.3	384.8	1,564.0	0.41	0.18	-0.37
9,151.0	89.96	181.72	7,308.6	-1,645.2	382.2	1,657.8	0.43	0.38	0.19
9,246.0	91.01	180.49	7,307.8	-1,740.2	380.3	1,752.6	1.70	1.11	-1.29
9,341.0	89.25	180.31	7,307.6	-1,835.2	379.7	1,847.5	1.86	-1.85	-0.19
9,435.0	89.34	179.96	7,308.7	-1,929.2	379.4	1,941.5	0.38	0.10	-0.37
9,530.0	89.08	179.78	7,310.1	-2,024.2	379.6	2,036.4	0.33	-0.27	-0.19
9,625.0	89.16	178.91	7,311.5	-2,119.2	380.7	2,131.4	0.92	0.08	-0.92
9,720.0	90.40	179.96	7,311.9	-2,214.2	381.7	2,226.3	1.71	1.31	1.11
9,814.0	90.04	180.49	7,311.5	-2,308.2	381.3	2,320.3	0.68	-0.38	0.56
9,908.0	90.66	180.66	7,310.9	-2,402.2	380.4	2,414.2	0.68	0.66	0.18
10,001.0	90.84	180.31	7,309.7	-2,495.1	379.6	2,507.1	0.42	0.19	-0.38
10,096.0	91.54	180.31	7,307.8	-2,590.1	379.1	2,602.0	0.74	0.74	0.00
10,190.0	89.34	179.08	7,307.0	-2,684.1	379.6	2,695.9	2.68	-2.34	-1.31
10,285.0	89.34	178.38	7,308.1	-2,779.1	381.7	2,790.9	0.74	0.00	-0.74
10,379.0	89.52	178.38	7,309.1	-2,873.0	384.3	2,884.9	0.19	0.19	0.00
10,474.0	89.43	179.96	7,309.9	-2,968.0	385.7	2,979.9	1.67	-0.09	1.66
10,569.0	90.13	179.61	7,310.3	-3,063.0	386.1	3,074.8	0.82	0.74	-0.37
10,664.0	91.28	179.08	7,309.1	-3,158.0	387.1	3,169.8	1.33	1.21	-0.56
10,759.0	90.66	180.49	7,307.5	-3,253.0	387.5	3,264.7	1.62	-0.65	1.48
10,853.0	90.75	180.31	7,306.4	-3,347.0	386.8	3,358.6	0.21	0.10	-0.19
10,947.0	90.40	179.96	7,305.4	-3,441.0	386.6	3,452.5	0.53	-0.37	-0.37
11,042.0	90.84	180.31	7,304.4	-3,536.0	386.4	3,547.5	0.59	0.46	0.37
11,136.0	91.10	180.14	7,302.8	-3,629.9	386.0	3,641.4	0.33	0.28	-0.18
11,231.0	91.54	179.96	7,300.6	-3,724.9	385.9	3,736.3	0.50	0.46	-0.19
11,326.0	90.66	181.01	7,298.8	-3,819.9	385.1	3,831.2	1.44	-0.93	1.11
11,421.0	91.10	180.49	7,297.3	-3,914.9	383.9	3,926.1	0.72	0.46	-0.55
11,515.0	91.63	179.96	7,295.1	-4,008.9	383.5	4,020.0	0.80	0.56	-0.56
11,609.0	92.07	179.78	7,292.1	-4,102.8	383.7	4,113.9	0.51	0.47	-0.19
11,704.0	89.96	181.54	7,290.4	-4,197.8	382.6	4,208.7	2.89	-2.22	1.85
11,798.0	90.84	180.49	7,289.7	-4,291.8	381.0	4,302.6	1.46	0.94	-1.12
11,893.0	90.57	178.91	7,288.5	-4,386.7	381.5	4,397.5	1.69	-0.28	-1.66
11,988.0	91.54	180.84	7,286.8	-4,481.7	381.7	4,492.5	2.27	1.02	2.03
12,082.0	92.24	180.49	7,283.7	-4,575.7	380.6	4,586.3	0.83	0.74	-0.37
12,177.0	92.68	179.78	7,279.6	-4,670.6	380.4	4,681.1	0.88	0.46	-0.75
12,272.0	91.45	180.84	7,276.2	-4,765.5	379.9	4,776.0	1.71	-1.29	1.12
12,366.0	91.89	181.19	7,273.5	-4,859.4	378.2	4,869.8	0.60	0.47	0.37
12,461.0	91.80	180.66	7,270.4	-4,954.4	376.7	4,964.6	0.57	-0.09	-0.56
12,556.0	90.84	182.42	7,268.2	-5,049.3	374.1	5,059.4	2.11	-1.01	1.85
12,651.0	91.89	181.89	7,265.9	-5,144.2	370.5	5,154.1	1.24	1.11	-0.56
12,746.0	89.25	181.01	7,265.0	-5,239.2	368.1	5,249.0	2.93	-2.78	-0.93
12,840.0	89.60	180.66	7,265.9	-5,333.2	366.8	5,342.8	0.53	0.37	-0.37
12,935.0	90.48	180.49	7,265.9	-5,428.2	365.8	5,437.7	0.94	0.93	-0.18
13,029.0	90.22	180.31	7,265.3	-5,522.2	365.2	5,531.7	0.34	-0.28	-0.19
13,123.0	90.75	179.78	7,264.5	-5,616.2	365.1	5,625.6	0.80	0.56	-0.56

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well East Ault 11-18-19HNC
Project:	SEC.18-T7N-R65W	TVD Reference:	WELL @ 4934.0ft (Original Well Elev)
Site:	East Ault 18-C Pad Sec.18-T7N-R65W	MD Reference:	WELL @ 4934.0ft (Original Well Elev)
Well:	East Ault 11-18-19HNC	North Reference:	True
Wellbore:	East Ault 11-18-19HNC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	East Ault 11-18-19HNC Wellbore #1	Database:	US_EDM

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,218.0	91.36	179.26	7,262.8	-5,711.1	365.9	5,720.5	0.84	0.64	-0.55
13,312.0	90.13	178.55	7,261.5	-5,805.1	367.7	5,814.5	1.51	-1.31	-0.76
13,407.0	88.46	179.08	7,262.7	-5,900.1	369.6	5,909.5	1.84	-1.76	0.56
13,501.0	90.40	179.78	7,263.6	-5,994.1	370.6	6,003.4	2.19	2.06	0.74
13,596.0	88.99	180.49	7,264.1	-6,089.1	370.3	6,098.4	1.66	-1.48	0.75
13,690.0	90.31	181.37	7,264.7	-6,183.0	368.8	6,192.2	1.69	1.40	0.94
13,784.0	87.05	178.55	7,266.9	-6,277.0	368.9	6,286.1	4.58	-3.47	-3.00
13,879.0	89.60	180.66	7,269.7	-6,371.9	369.5	6,381.0	3.48	2.68	2.22
13,974.0	88.99	179.26	7,270.8	-6,466.9	369.6	6,476.0	1.61	-0.64	-1.47
14,068.0	90.22	180.84	7,271.5	-6,560.9	369.5	6,569.9	2.13	1.31	1.68
14,163.0	91.45	180.49	7,270.1	-6,655.9	368.4	6,664.8	1.35	1.29	-0.37
14,258.0	90.31	181.19	7,268.6	-6,750.9	367.0	6,759.7	1.41	-1.20	0.74
14,353.0	91.54	180.66	7,267.1	-6,845.8	365.5	6,854.5	1.41	1.29	-0.56
14,447.0	89.16	180.66	7,266.5	-6,939.8	364.4	6,948.4	2.53	-2.53	0.00
14,541.0	90.48	180.14	7,266.8	-7,033.8	363.8	7,042.3	1.51	1.40	-0.55
14,636.0	89.16	180.49	7,267.1	-7,128.8	363.2	7,137.2	1.44	-1.39	0.37
14,731.0	89.60	179.78	7,268.1	-7,223.8	363.0	7,232.2	0.88	0.46	-0.75
14,825.0	90.48	179.26	7,268.1	-7,317.8	363.8	7,326.1	1.09	0.94	-0.55
14,920.0	89.34	181.54	7,268.2	-7,412.8	363.1	7,421.0	2.68	-1.20	2.40
15,014.0	90.22	181.01	7,268.6	-7,506.8	361.0	7,514.9	1.09	0.94	-0.56
15,109.0	90.75	180.66	7,267.8	-7,601.8	359.7	7,609.7	0.67	0.56	-0.37
15,204.0	89.25	181.37	7,267.8	-7,696.7	358.0	7,704.6	1.75	-1.58	0.75
15,298.0	90.04	181.01	7,268.4	-7,790.7	356.0	7,798.5	0.92	0.84	-0.38
15,393.0	90.75	180.49	7,267.7	-7,885.7	354.8	7,893.3	0.93	0.75	-0.55
15,487.0	91.63	180.14	7,265.8	-7,979.7	354.3	7,987.2	1.01	0.94	-0.37
15,582.0	89.60	180.31	7,264.7	-8,074.7	353.9	8,082.2	2.14	-2.14	0.18
15,676.0	89.52	179.43	7,265.5	-8,168.7	354.1	8,176.1	0.94	-0.09	-0.94
15,771.0	90.40	179.43	7,265.5	-8,263.7	355.0	8,271.1	0.93	0.93	0.00
15,866.0	88.90	179.43	7,266.1	-8,358.7	356.0	8,366.0	1.58	-1.58	0.00
15,961.0	90.31	179.43	7,266.8	-8,453.7	356.9	8,461.0	1.48	1.48	0.00
16,055.0	88.81	179.78	7,267.5	-8,547.6	357.6	8,555.0	1.64	-1.60	0.37
16,150.0	88.55	179.61	7,269.7	-8,642.6	358.1	8,649.9	0.33	-0.27	-0.18
16,245.0	90.40	181.19	7,270.5	-8,737.6	357.4	8,744.8	2.56	1.95	1.66
16,340.0	91.28	181.37	7,269.2	-8,832.6	355.3	8,839.6	0.95	0.93	0.19
16,434.0	88.46	180.66	7,269.4	-8,926.5	353.6	8,933.5	3.09	-3.00	-0.76
16,530.0	87.58	179.78	7,272.7	-9,022.5	353.3	9,029.3	1.30	-0.92	-0.92
16,624.0	89.78	180.14	7,274.9	-9,116.5	353.3	9,123.3	2.37	2.34	0.38
16,719.0	90.57	178.73	7,274.6	-9,211.4	354.3	9,218.2	1.70	0.83	-1.48
16,814.0	91.36	178.20	7,273.0	-9,306.4	356.8	9,313.2	1.00	0.83	-0.56
16,908.0	91.98	180.14	7,270.2	-9,400.3	358.2	9,407.1	2.17	0.66	2.06
17,003.0	92.86	179.96	7,266.2	-9,495.3	358.1	9,502.0	0.95	0.93	-0.19
17,097.0	90.75	180.84	7,263.2	-9,589.2	357.4	9,595.8	2.43	-2.24	0.94
17,192.0	89.60	181.01	7,263.0	-9,684.2	355.9	9,690.7	1.22	-1.21	0.18

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well East Ault 11-18-19HNC
Project:	SEC.18-T7N-R65W	TVD Reference:	WELL @ 4934.0ft (Original Well Elev)
Site:	East Ault 18-C Pad Sec.18-T7N-R65W	MD Reference:	WELL @ 4934.0ft (Original Well Elev)
Well:	East Ault 11-18-19HNC	North Reference:	True
Wellbore:	East Ault 11-18-19HNC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	East Ault 11-18-19HNC Wellbore #1	Database:	US_EDM

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
17,280.0	90.57	182.07	7,262.8	-9,772.2	353.5	9,778.5	1.63	1.10	1.20	
17,340.0	90.57	182.07	7,262.2	-9,832.1	351.4	9,838.4	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
SHL 300'FNL, 2217'FEL	0.00	0.00	1.0	0.0	0.0	1,455,735.74	3,220,987.73	40.581672	-104.704394	
- survey hits target center										
- Point										
BHL 470'FSL, 1815'FEL	0.00	0.00	7,284.0	-9,833.0	349.9	1,445,906.50	3,221,425.78	40.554682	-104.703135	
- survey misses target center by 21.8ft at 17340.0ft MD (7262.2 TVD, -9832.1 N, 351.4 E)										
- Point										

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
7,678.5	7,302.8	-173.6	392.2	TPZ - 460'FNL & 1824'FEL, Sec.18	

Checked By: _____ Approved By: _____ Date: _____