

Bayswater Exploration & Production, LLC

Well Name: **COT WEST M-30-25HN**

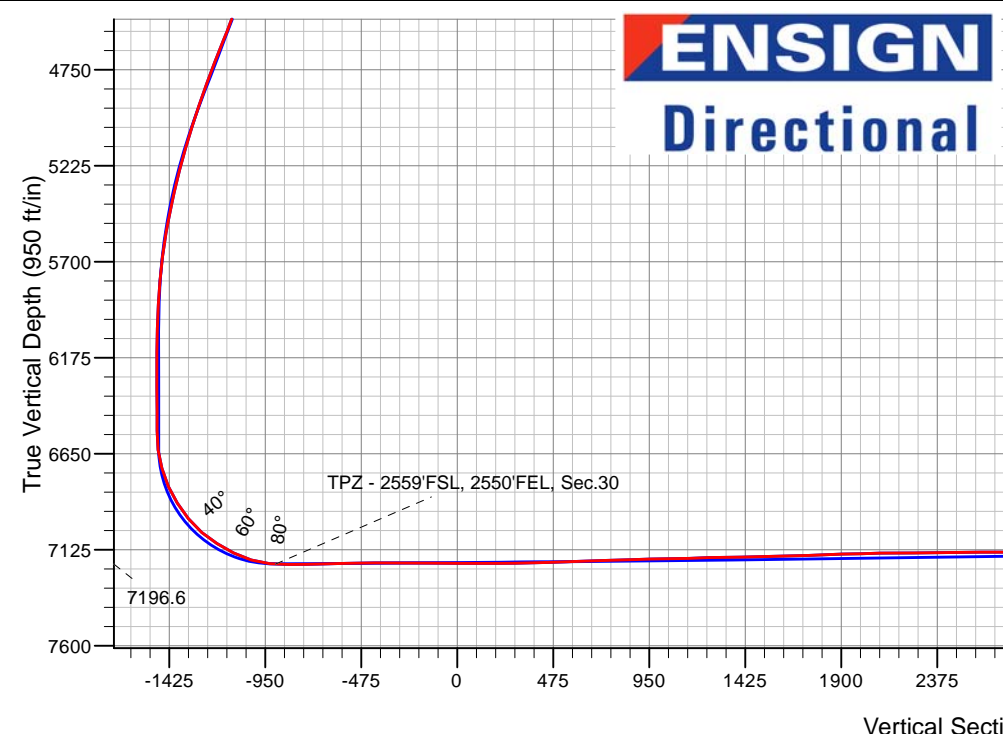
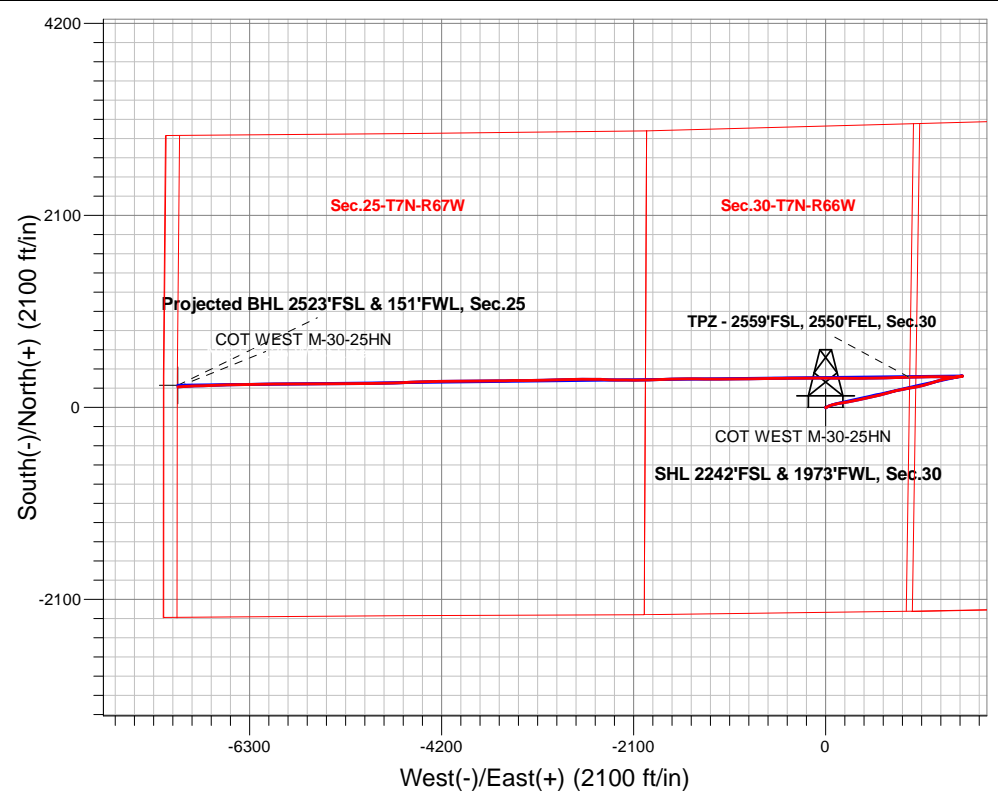
Surface Location: COT 30J Pad Sec.30-T7N-R66W
 North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
 Ground Elevation: 4946.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441808.14	3187616.69	40.544203	-104.824914	

Original Well Elev WELL @ 4971.0ft (Original Well Elev)

FINAL SURVEY

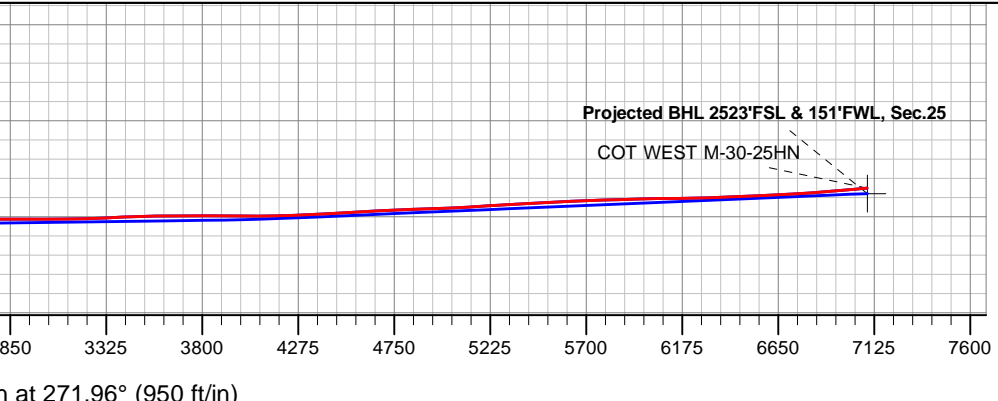
Projected Bottom Hole Location
15,767'MD 6984'TVD 226'N & 7085'W of SHL
95.5 degree Incl @ 267.0 degree AZM



COT 30J Pad Sec.30-T7N-R66W
 COT WEST M-30-25HN
 COT WEST M-30-25HN Wellbore #1
 13:23, April 17 2020

ANNOTATIONS		
TVD	MD	Annotation
7196.6	7762.4	TPZ - 2559'FSL, 2550'FEL, Sec.30

LEGEND	
	COT WEST M-30-25HN, COT WEST M-30-25HN Wellbore #1, Plan #4 (4-13-20) V0
	COT WEST M-30-25HN Wellbore #1
	Survey #1





Bayswater Exploration & Production, LLC

SEC.30-T7N-R66W

COT 30J Pad Sec.30-T7N-R66W

COT WEST M-30-25HN

COT WEST M-30-25HN Wellbore #1

Survey: Survey #1

Standard Survey Report

17 April, 2020



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST M-30-25HN
Project:	SEC.30-T7N-R66W	TVD Reference:	WELL @ 4971.0ft (Original Well Elev)
Site:	COT 30J Pad Sec.30-T7N-R66W	MD Reference:	WELL @ 4971.0ft (Original Well Elev)
Well:	COT WEST M-30-25HN	North Reference:	True
Wellbore:	COT WEST M-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST M-30-25HN Wellbore #1	Database:	US_EDM

Project	SEC.30-T7N-R66W, 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	COT 30J Pad Sec.30-T7N-R66W				
Site Position:		Northing:	1,441,808.15 usft	Latitude:	40.544203
From:	Lat/Long	Easting:	3,187,616.69 usft	Longitude:	-104.824914
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.44 °

Well	COT WEST M-30-25HN					
Well Position	+N/-S	0.0 ft	Northing:	1,441,808.15 usft	Latitude:	40.544203
	+E/-W	0.0 ft	Easting:	3,187,616.69 usft	Longitude:	-104.824914
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,946.0 ft

Wellbore	COT WEST M-30-25HN Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	04/13/2020	8.05	66.87	52,168

Design	COT WEST M-30-25HN 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	271.96	

Survey Program	Date	04/17/2020		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
312.0	15,767.0	Survey #1 (COT WEST M-30-25HN 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	
312.0	0.79	171.05	312.0	-2.1	0.3	-0.4	0.25	0.25	0.00	
407.0	0.44	151.71	407.0	-3.1	0.6	-0.7	0.42	-0.37	-20.36	
502.0	0.88	61.36	502.0	-3.1	1.4	-1.5	1.04	0.46	-95.11	
596.0	2.29	58.19	595.9	-1.7	3.7	-3.7	1.50	1.50	-3.37	
690.0	3.25	62.06	689.8	0.5	7.6	-7.6	1.04	1.02	4.12	
785.0	3.87	59.78	784.6	3.4	12.8	-12.6	0.67	0.65	-2.40	
880.0	4.84	55.56	879.4	7.3	18.8	-18.6	1.07	1.02	-4.44	
975.0	5.10	65.75	974.0	11.3	26.0	-25.6	0.97	0.27	10.73	
1,069.0	5.45	60.48	1,067.6	15.2	33.7	-33.1	0.64	0.37	-5.61	

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Site:	COT 30J Pad Sec.30-T7N-R66W	MD Reference:	WELL @ 4971.0ft (Original Well Elev)
Well:	COT WEST M-30-25HN	North Reference:	True
Wellbore:	COT WEST M-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST M-30-25HN 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)	
1,164.0	5.89	74.19	1,162.2	18.7	42.3	-41.6	1.49	0.46	14.43	
1,258.0	6.24	74.19	1,255.6	21.4	51.8	-51.1	0.37	0.37	0.00	
1,353.0	6.77	72.08	1,350.0	24.6	62.1	-61.3	0.61	0.56	-2.22	
1,447.0	7.65	73.84	1,443.3	28.0	73.4	-72.4	0.97	0.94	1.87	
1,488.0	8.09	74.54	1,483.9	29.5	78.8	-77.8	1.10	1.07	1.71	
1,569.0	8.35	74.52	1,564.1	32.6	90.0	-88.8	0.32	0.32	-0.02	
1,664.0	9.50	74.35	1,657.9	36.6	104.2	-102.9	1.21	1.21	-0.18	
1,759.0	11.20	78.74	1,751.4	40.5	120.8	-119.3	1.97	1.79	4.62	
1,854.0	12.40	79.97	1,844.3	44.1	139.9	-138.3	1.29	1.26	1.29	
1,948.0	13.63	84.72	1,935.9	46.9	160.8	-159.1	1.73	1.31	5.05	
2,043.0	15.56	79.44	2,027.9	50.2	184.5	-182.7	2.47	2.03	-5.56	
2,138.0	18.64	79.79	2,118.7	55.3	212.0	-210.0	3.24	3.24	0.37	
2,232.0	20.75	78.92	2,207.2	61.1	243.1	-240.9	2.27	2.24	-0.93	
2,326.0	23.21	79.09	2,294.3	67.8	277.7	-275.2	2.62	2.62	0.18	
2,420.0	22.77	78.56	2,380.8	74.9	313.7	-310.9	0.52	-0.47	-0.56	
2,515.0	21.90	78.74	2,468.7	82.0	349.1	-346.1	0.92	-0.92	0.19	
2,609.0	21.02	78.39	2,556.2	88.9	382.8	-379.5	0.95	-0.94	-0.37	
2,704.0	20.49	77.86	2,645.0	95.8	415.7	-412.2	0.59	-0.56	-0.56	
2,799.0	19.43	76.81	2,734.3	102.9	447.4	-443.6	1.18	-1.12	-1.11	
2,894.0	22.42	79.11	2,823.1	109.9	480.5	-476.5	3.26	3.15	2.42	
2,988.0	22.07	77.16	2,910.1	117.2	515.4	-511.1	0.87	-0.37	-2.07	
3,083.0	21.10	76.63	2,998.4	125.1	549.4	-544.8	1.04	-1.02	-0.56	
3,178.0	23.48	75.93	3,086.3	133.7	584.4	-579.5	2.52	2.51	-0.74	
3,272.0	22.25	74.87	3,172.9	142.9	619.8	-614.5	1.38	-1.31	-1.13	
3,387.0	20.75	73.64	3,279.9	154.3	660.3	-654.7	1.36	-1.30	-1.07	
3,482.0	22.25	75.93	3,368.3	163.4	693.9	-687.9	1.81	1.58	2.41	
3,576.0	20.14	74.17	3,455.9	172.2	726.8	-720.4	2.34	-2.24	-1.87	
3,671.0	21.72	78.04	3,544.7	180.3	759.7	-753.1	2.21	1.66	4.07	
3,766.0	20.22	77.16	3,633.4	187.6	792.9	-786.0	1.61	-1.58	-0.93	
3,860.0	21.72	78.56	3,721.1	194.6	825.8	-818.6	1.68	1.60	1.49	
3,955.0	20.49	77.51	3,809.8	201.7	859.2	-851.8	1.35	-1.29	-1.11	
4,049.0	21.54	80.32	3,897.5	208.2	892.3	-884.7	1.55	1.12	2.99	
4,144.0	21.46	80.50	3,985.9	214.0	926.6	-918.8	0.11	-0.08	0.19	
4,238.0	21.02	80.50	4,073.5	219.6	960.2	-952.2	0.47	-0.47	0.00	
4,333.0	22.69	79.09	4,161.7	225.9	995.0	-986.7	1.84	1.76	-1.48	
4,428.0	21.37	78.56	4,249.7	232.8	1,030.0	-1,021.4	1.41	-1.39	-0.56	
4,523.0	21.19	74.87	4,338.3	240.7	1,063.5	-1,054.7	1.42	-0.19	-3.88	
4,617.0	22.42	73.47	4,425.6	250.2	1,097.1	-1,087.9	1.42	1.31	-1.49	
4,712.0	21.63	72.94	4,513.6	260.5	1,131.2	-1,121.7	0.86	-0.83	-0.56	
4,807.0	23.13	73.11	4,601.5	271.1	1,165.8	-1,155.9	1.58	1.58	0.18	
4,901.0	22.86	73.11	4,688.0	281.8	1,201.0	-1,190.6	0.29	-0.29	0.00	
4,996.0	20.93	75.40	4,776.1	291.4	1,235.0	-1,224.3	2.22	-2.03	2.41	
5,090.0	19.87	74.17	4,864.2	300.0	1,266.7	-1,255.7	1.22	-1.13	-1.31	
5,185.0	19.17	77.86	4,953.8	307.7	1,297.4	-1,286.2	1.49	-0.74	3.88	

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Survey										
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5,279.0	18.20	76.63	5,042.8	314.3	1,326.8	-1,315.3	1.11	-1.03	-1.31	
5,373.0	16.62	81.73	5,132.5	319.6	1,354.4	-1,342.7	2.34	-1.68	5.43	
5,468.0	15.74	81.38	5,223.8	323.5	1,380.6	-1,368.7	0.93	-0.93	-0.37	
5,562.0	12.84	82.78	5,314.8	326.7	1,403.6	-1,391.6	3.11	-3.09	1.49	
5,657.0	12.05	80.85	5,407.6	329.6	1,423.8	-1,411.7	0.94	-0.83	-2.03	
5,752.0	10.99	79.27	5,500.7	332.9	1,442.5	-1,430.3	1.16	-1.12	-1.66	
5,846.0	8.44	78.04	5,593.3	336.0	1,458.1	-1,445.7	2.72	-2.71	-1.31	
5,941.0	7.83	77.33	5,687.4	338.9	1,471.2	-1,458.7	0.65	-0.64	-0.75	
6,036.0	5.80	77.86	5,781.7	341.3	1,482.2	-1,469.7	2.14	-2.14	0.56	
6,130.0	4.04	81.20	5,875.4	342.8	1,490.1	-1,477.5	1.90	-1.87	3.55	
6,225.0	2.73	94.74	5,970.2	343.1	1,495.7	-1,483.1	1.61	-1.38	14.25	
6,320.0	0.62	23.72	6,065.1	343.4	1,498.1	-1,485.5	2.73	-2.22	-74.76	
6,414.0	0.44	13.17	6,159.1	344.2	1,498.4	-1,485.8	0.22	-0.19	-11.22	
6,509.0	0.26	311.65	6,254.1	344.7	1,498.4	-1,485.7	0.41	-0.19	-64.76	
6,603.0	0.18	267.88	6,348.1	344.9	1,498.0	-1,485.4	0.19	-0.09	-46.56	
6,697.0	0.44	120.93	6,442.1	344.7	1,498.2	-1,485.5	0.64	0.28	-156.33	
6,791.0	0.53	138.86	6,536.1	344.2	1,498.8	-1,486.2	0.19	0.10	19.07	
6,886.0	6.68	258.56	6,630.9	342.7	1,493.7	-1,481.1	7.32	6.47	126.00	
6,980.0	16.53	265.07	6,722.9	340.5	1,474.9	-1,462.4	10.55	10.48	6.93	
7,075.0	24.18	263.31	6,811.9	337.1	1,442.1	-1,429.7	8.08	8.05	-1.85	
7,169.0	32.01	265.24	6,894.8	332.7	1,398.1	-1,385.9	8.38	8.33	2.05	
7,264.0	39.57	272.10	6,971.8	331.8	1,342.7	-1,330.5	9.00	7.96	7.22	
7,359.0	49.51	271.57	7,039.4	333.9	1,276.1	-1,264.0	10.47	10.46	-0.56	
7,452.0	57.86	273.15	7,094.5	337.0	1,201.3	-1,189.1	9.08	8.98	1.70	
7,547.0	63.05	268.41	7,141.3	338.0	1,118.8	-1,106.5	6.98	5.46	-4.99	
7,641.0	72.37	266.47	7,176.9	334.1	1,032.0	-1,019.9	10.10	9.91	-2.06	
7,735.0	85.65	268.23	7,194.8	329.9	940.0	-928.2	14.25	14.13	1.87	
7,762.4	86.92	268.59	7,196.6	329.1	912.7	-900.9	4.82	4.63	1.33	
TPZ - 2559'FSL, 2550'FEL, Sec.30										
7,828.0	89.96	269.46	7,198.4	328.0	847.1	-835.4	4.82	4.63	1.32	
7,923.0	90.48	268.41	7,198.0	326.3	752.1	-740.5	1.23	0.55	-1.11	
8,018.0	92.42	269.11	7,195.6	324.2	657.2	-645.7	2.17	2.04	0.74	
8,112.0	90.57	268.94	7,193.1	322.6	563.2	-551.9	1.98	-1.97	-0.18	
8,207.0	91.01	267.70	7,191.8	319.8	468.3	-457.1	1.38	0.46	-1.31	
8,301.0	90.04	271.22	7,191.0	318.9	374.3	-363.2	3.88	-1.03	3.74	
8,396.0	89.87	270.52	7,191.0	320.4	279.3	-268.2	0.76	-0.18	-0.74	
8,491.0	89.69	269.81	7,191.4	320.6	184.3	-173.3	0.77	-0.19	-0.75	
8,585.0	89.52	269.64	7,192.1	320.2	90.3	-79.3	0.26	-0.18	-0.18	
8,680.0	90.04	270.52	7,192.4	320.3	-4.7	15.6	1.08	0.55	0.93	
8,775.0	89.87	269.99	7,192.5	320.7	-99.7	110.6	0.59	-0.18	-0.56	
8,869.0	89.69	270.17	7,192.9	320.9	-193.7	204.5	0.27	-0.19	0.19	
8,963.0	91.28	269.46	7,192.1	320.6	-287.7	298.5	1.85	1.69	-0.76	
9,057.0	91.63	269.29	7,189.7	319.5	-381.6	392.3	0.41	0.37	-0.18	

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9,152.0	91.89	268.58	7,186.8	317.8	-476.6	487.1	0.80	0.27	-0.75	
9,247.0	92.24	270.17	7,183.3	316.7	-571.5	582.0	1.71	0.37	1.67	
9,342.0	91.54	269.11	7,180.2	316.2	-666.4	676.9	1.34	-0.74	-1.12	
9,436.0	91.80	269.29	7,177.5	314.8	-760.4	770.7	0.34	0.28	0.19	
9,530.0	91.98	268.58	7,174.4	313.1	-854.3	864.5	0.78	0.19	-0.76	
9,625.0	91.01	270.34	7,171.9	312.2	-949.3	959.4	2.11	-1.02	1.85	
9,719.0	90.92	268.94	7,170.3	311.6	-1,043.3	1,053.3	1.49	-0.10	-1.49	
9,813.0	91.80	270.17	7,168.1	310.9	-1,137.2	1,147.2	1.61	0.94	1.31	
9,908.0	92.42	269.81	7,164.6	310.9	-1,232.2	1,242.1	0.75	0.65	-0.38	
10,003.0	90.48	271.04	7,162.2	311.6	-1,327.1	1,337.0	2.42	-2.04	1.29	
10,097.0	90.31	270.17	7,161.5	312.6	-1,421.1	1,431.0	0.94	-0.18	-0.93	
10,192.0	91.36	269.64	7,160.1	312.4	-1,516.1	1,525.9	1.24	1.11	-0.56	
10,286.0	91.80	268.76	7,157.5	311.1	-1,610.0	1,619.7	1.05	0.47	-0.94	
10,381.0	92.24	268.41	7,154.2	308.7	-1,705.0	1,714.5	0.59	0.46	-0.37	
10,475.0	92.59	267.70	7,150.2	305.6	-1,798.8	1,808.2	0.84	0.37	-0.76	
10,570.0	91.36	268.23	7,147.0	302.2	-1,893.7	1,902.9	1.41	-1.29	0.56	
10,665.0	91.01	269.46	7,145.0	300.3	-1,988.7	1,997.8	1.35	-0.37	1.29	
10,760.0	91.80	269.46	7,142.7	299.4	-2,083.6	2,092.7	0.83	0.83	0.00	
10,854.0	89.69	271.22	7,141.4	299.9	-2,177.6	2,186.6	2.92	-2.24	1.87	
10,948.0	90.22	271.04	7,141.5	301.8	-2,271.6	2,280.6	0.60	0.56	-0.19	
11,043.0	90.75	271.22	7,140.7	303.7	-2,366.6	2,375.6	0.59	0.56	0.19	
11,137.0	91.45	271.75	7,138.9	306.1	-2,460.5	2,469.6	0.93	0.74	0.56	
11,232.0	89.78	269.81	7,137.9	307.4	-2,555.5	2,564.5	2.69	-1.76	-2.04	
11,326.0	89.87	269.64	7,138.2	306.9	-2,649.5	2,658.4	0.20	0.10	-0.18	
11,421.0	90.40	270.34	7,138.0	306.9	-2,744.5	2,753.4	0.92	0.56	0.74	
11,516.0	90.13	268.06	7,137.5	305.6	-2,839.5	2,848.3	2.42	-0.28	-2.40	
11,611.0	90.13	268.41	7,137.3	302.7	-2,934.4	2,943.1	0.37	0.00	0.37	
11,705.0	89.96	267.88	7,137.2	299.6	-3,028.4	3,036.9	0.59	-0.18	-0.56	
11,800.0	91.01	269.29	7,136.4	297.3	-3,123.3	3,131.7	1.85	1.11	1.48	
11,895.0	91.10	268.41	7,134.7	295.4	-3,218.3	3,226.5	0.93	0.09	-0.93	
11,989.0	92.51	270.17	7,131.7	294.2	-3,312.3	3,320.4	2.40	1.50	1.87	
12,084.0	93.03	269.11	7,127.1	293.6	-3,407.1	3,415.2	1.24	0.55	-1.12	
12,179.0	91.01	269.46	7,123.8	292.4	-3,502.1	3,510.0	2.16	-2.13	0.37	
12,274.0	91.36	269.46	7,121.8	291.5	-3,597.0	3,604.9	0.37	0.37	0.00	
12,369.0	89.78	269.64	7,120.9	290.8	-3,692.0	3,699.8	1.67	-1.66	0.19	
12,464.0	90.04	269.29	7,121.0	289.9	-3,787.0	3,794.7	0.46	0.27	-0.37	
12,558.0	89.78	269.29	7,121.2	288.7	-3,881.0	3,888.6	0.28	-0.28	0.00	
12,652.0	89.87	268.94	7,121.4	287.3	-3,975.0	3,982.5	0.38	0.10	-0.37	
12,747.0	89.43	269.81	7,122.0	286.3	-4,070.0	4,077.4	1.03	-0.46	0.92	
12,842.0	91.89	269.29	7,120.9	285.5	-4,165.0	4,172.3	2.65	2.59	-0.55	
12,936.0	91.89	268.94	7,117.8	284.1	-4,258.9	4,266.1	0.37	0.00	-0.37	
13,031.0	92.86	268.76	7,113.9	282.1	-4,353.8	4,360.9	1.04	1.02	-0.19	
13,126.0	93.12	267.88	7,108.9	279.4	-4,448.6	4,455.6	0.96	0.27	-0.93	
13,220.0	93.30	267.35	7,103.7	275.5	-4,542.4	4,549.2	0.59	0.19	-0.56	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST M-30-25HN
Project:	SEC.30-T7N-R66W	TVD Reference:	WELL @ 4971.0ft (Original Well Elev)
Site:	COT 30J Pad Sec.30-T7N-R66W	MD Reference:	WELL @ 4971.0ft (Original Well Elev)
Well:	COT WEST M-30-25HN	North Reference:	True
Wellbore:	COT WEST M-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST M-30-25HN Wellbore #1	Database:	US_EDM

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)
13,314.0	93.65	267.00	7,098.0	270.8	-4,636.1	4,642.7	0.53	0.37	-0.37
13,409.0	92.15	268.58	7,093.2	267.2	-4,730.9	4,737.3	2.29	-1.58	1.66
13,503.0	92.24	267.88	7,089.6	264.3	-4,824.8	4,831.0	0.75	0.10	-0.74
13,597.0	91.98	269.29	7,086.1	262.0	-4,918.7	4,924.8	1.52	-0.28	1.50
13,692.0	91.98	268.76	7,082.8	260.3	-5,013.7	5,019.6	0.56	0.00	-0.56
13,787.0	93.65	271.04	7,078.2	260.2	-5,108.5	5,114.4	2.97	1.76	2.40
13,881.0	93.65	270.17	7,072.2	261.2	-5,202.3	5,208.2	0.92	0.00	-0.93
13,976.0	93.83	269.99	7,066.0	261.3	-5,297.1	5,303.0	0.27	0.19	-0.19
14,070.0	92.68	270.17	7,060.6	261.4	-5,391.0	5,396.8	1.24	-1.22	0.19
14,165.0	92.95	269.11	7,056.0	260.8	-5,485.9	5,491.6	1.15	0.28	-1.12
14,259.0	93.30	269.11	7,050.9	259.4	-5,579.7	5,585.3	0.37	0.37	0.00
14,353.0	91.80	269.99	7,046.7	258.6	-5,673.6	5,679.1	1.85	-1.60	0.94
14,448.0	91.71	269.81	7,043.8	258.5	-5,768.6	5,774.0	0.21	-0.09	-0.19
14,543.0	91.89	268.94	7,040.8	257.4	-5,863.5	5,868.9	0.93	0.19	-0.92
14,638.0	92.07	267.88	7,037.5	254.8	-5,958.4	5,963.6	1.13	0.19	-1.12
14,732.0	90.57	269.99	7,035.3	253.1	-6,052.4	6,057.5	2.75	-1.60	2.24
14,826.0	90.13	270.17	7,034.8	253.2	-6,146.4	6,151.4	0.51	-0.47	0.19
14,921.0	91.89	269.29	7,033.1	252.7	-6,241.3	6,246.3	2.07	1.85	-0.93
15,016.0	91.45	269.29	7,030.3	251.6	-6,336.3	6,341.2	0.46	-0.46	0.00
15,110.0	92.68	268.94	7,026.9	250.1	-6,430.2	6,435.0	1.36	1.31	-0.37
15,204.0	92.86	268.41	7,022.4	247.9	-6,524.1	6,528.7	0.59	0.19	-0.56
15,298.0	92.59	268.23	7,017.9	245.2	-6,617.9	6,622.4	0.35	-0.29	-0.19
15,393.0	92.86	267.00	7,013.4	241.2	-6,712.7	6,717.1	1.32	0.28	-1.29
15,488.0	94.18	268.76	7,007.6	237.7	-6,807.5	6,811.6	2.31	1.39	1.85
15,582.0	94.62	267.70	7,000.4	234.8	-6,901.2	6,905.2	1.22	0.47	-1.13
15,707.0	95.50	267.00	6,989.3	229.1	-7,025.5	7,029.3	0.90	0.70	-0.56
15,767.0	95.50	267.00	6,983.6	226.0	-7,085.2	7,088.8	0.00	0.00	0.00

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 2242'FSL & 1973'F ¹ - hit/miss target - Shape - Point	0.00	0.00	1.0	0.0	0.0	1,441,808.15	3,187,616.69	40.544203	-104.824914
Projected BHL 2523'FSL - survey misses target center by 32.0ft at 15764.8ft MD (6983.8 TVD, 226.1 N, -7083.0 E) - Point	0.00	0.00	7,011.0	242.6	-7,086.5	1,441,996.75	3,180,528.77	40.544866	-104.850412

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Project:	SEC.30-T7N-R66W	TVD Reference:	WELL @ 4971.0ft (Original Well Elev)
Site:	COT 30J Pad Sec.30-T7N-R66W	MD Reference:	WELL @ 4971.0ft (Original Well Elev)
Well:	COT WEST M-30-25HN	North Reference:	True
Wellbore:	COT WEST M-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST M-30-25HN Wellbore #1	Database:	US_EDM

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,762.4	7,196.6	329.1	912.7	TPZ - 2559'FSL, 2550'FEL, Sec.30

Checked By: _____ Approved By: _____ Date: _____