

Bayswater Exploration & Production, LLC

Well Name: **COT WEST T-30-25HC**

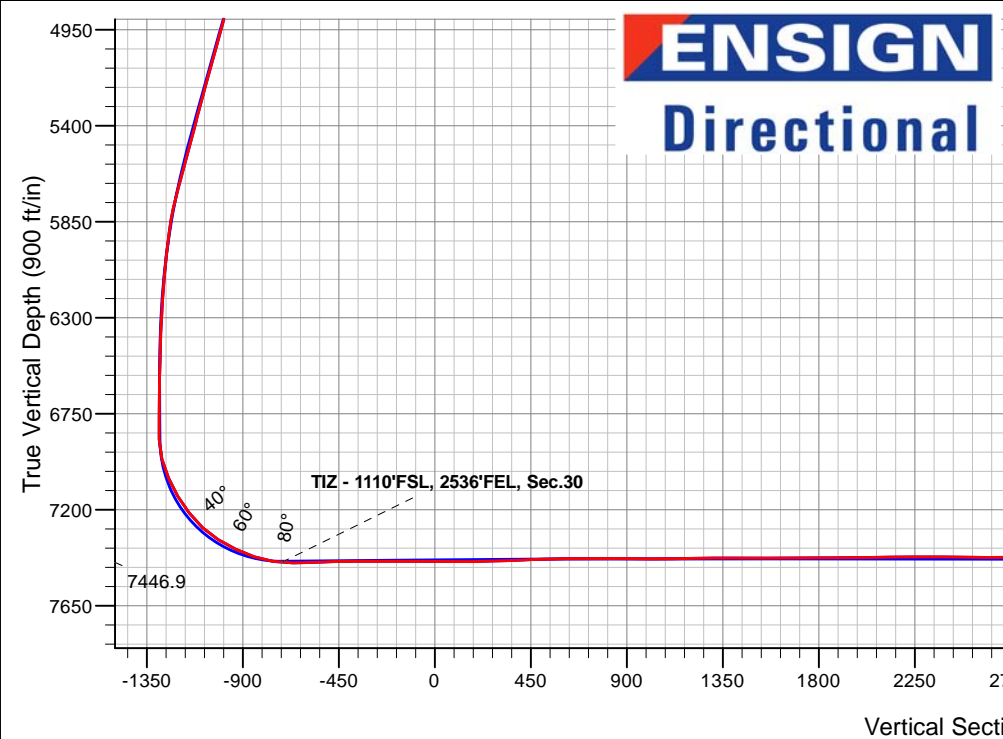
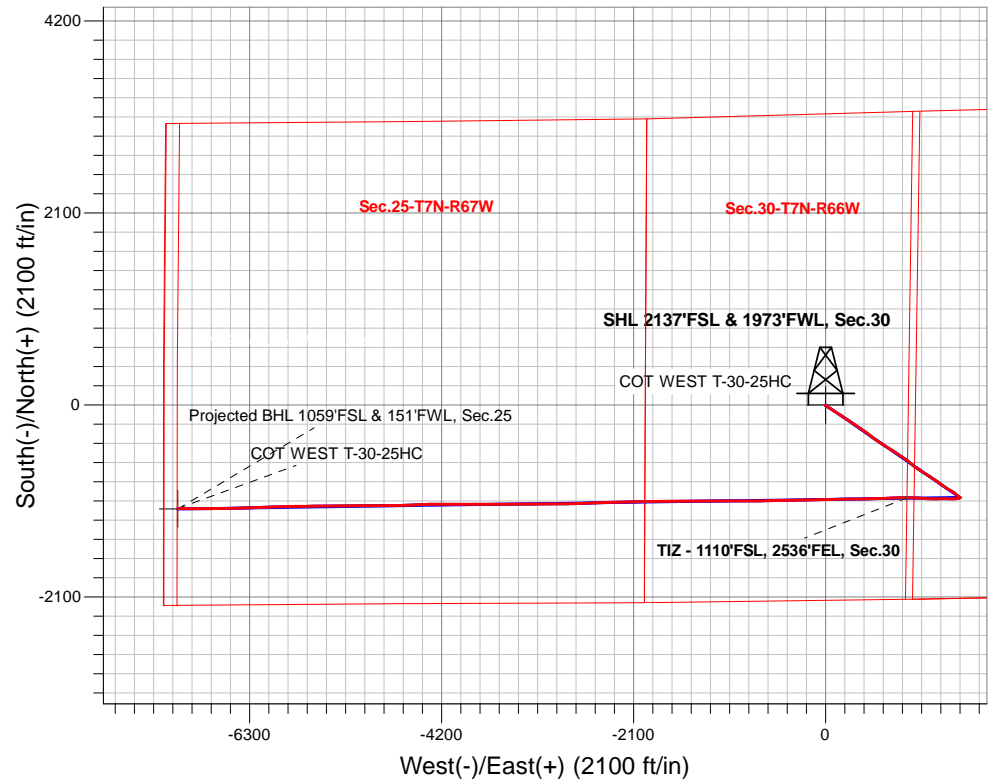
Surface Location: COT 30J Pad Sec.30-T7N-R66W
 North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
 Ground Elevation: 4946.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441703.21	3187616.65	40.543915	-104.824917	

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

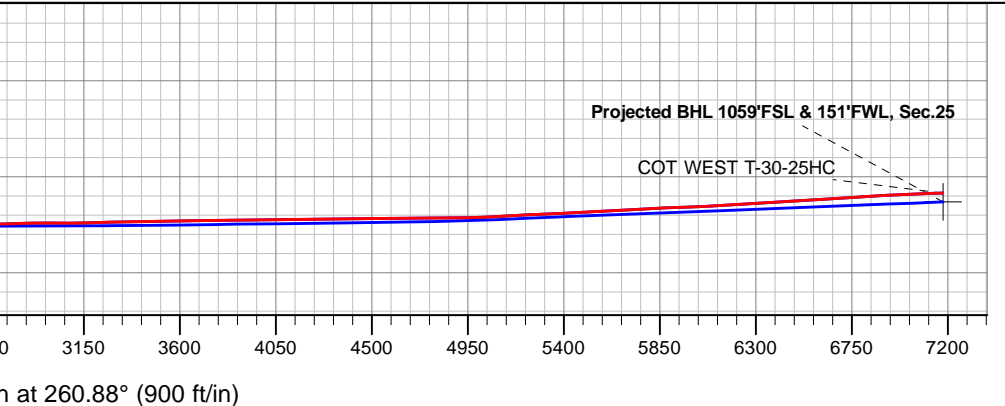
FINAL SURVEY

Projected Bottom Hole Location
16,044'MD 7276'TVD 1133'S & 7086'W of SHL
91.80 degree Incl @ 270.69 degree AZM



COT 30J Pad Sec.30-T7N-R66W COT WEST T-30-25HC COT WEST T-30-25HC Wellbore #1 7:16, March 02 2020				ANNOTATIONS	
TVD	MD	Annotation			
7446.9	8061.6	TIZ - 1110'FSL, 2536'FEL, Sec.30			

LEGEND	
	COT WEST T-30-25HC, COT WEST T-30-25HC Wellbore #1, Plan #4 (2-24-20) V0
	COT WEST T-30-25HC Wellbore #1
	Survey #1





Bayswater Exploration & Production, LLC

SEC.30-T7N-R66W

COT 30J Pad Sec.30-T7N-R66W

COT WEST T-30-25HC

COT WEST T-30-25HC Wellbore #1

Survey: Survey #1

Standard Survey Report

02 March, 2020



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST T-30-25HC
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 T-30-25HC	North Reference:	True
Wellbore:	COT WEST T-30-25HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST T-30-25HC 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 T-30-25HC					
Well Position	+N/-S	0.0 ft	Northing:	1,441,703.22 usft	Latitude:	40.543915
	+E/-W	0.0 ft	Easting:	3,187,616.66 usft	Longitude:	-104.824917
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,946.0 ft

Wellbore	COT WEST T-30-25HC Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	2/24/2020	7.90	66.88	52,226

Design	COT WEST T-30-25HC 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	260.88	

Survey Program	Date	3/2/2020			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
216.0	16,044.0	Survey #1 (COT WEST T-30-25HC 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	0.79	152.24	216.0	-1.3	0.7	-0.5	0.37	0.37	0.00	
311.0	1.41	151.71	311.0	-2.9	1.6	-1.1	0.65	0.65	-0.56	
406.0	1.23	181.42	406.0	-5.0	2.1	-1.3	0.74	-0.19	31.27	
500.0	0.79	258.58	499.9	-6.1	1.4	-0.4	1.39	-0.47	82.09	
595.0	1.41	266.14	594.9	-6.3	-0.4	1.4	0.67	0.65	7.96	
690.0	0.53	212.88	689.9	-6.8	-1.8	2.8	1.23	-0.93	-56.06	
784.0	2.99	115.85	783.9	-8.2	0.2	1.1	3.30	2.62	-103.22	
879.0	6.42	119.89	878.5	-11.9	7.0	-5.0	3.63	3.61	4.25	
974.0	8.53	115.85	972.7	-17.7	18.0	-14.9	2.29	2.22	-4.25	

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Well:	COT WEST T-30-25HC	North Reference:	True
Wellbore:	COT WEST T-30-25HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST T-30-25HC 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)	
1,068.0	9.15	122.00	1,065.6	-24.7	30.6	-26.3	1.20	0.66	6.54	
1,163.0	10.55	123.41	1,159.2	-33.4	44.2	-38.4	1.50	1.47	1.48	
1,257.0	10.82	122.88	1,251.6	-43.0	58.8	-51.3	0.31	0.29	-0.56	
1,351.0	11.78	123.41	1,343.7	-53.0	74.3	-64.9	1.03	1.02	0.56	
1,445.0	11.61	121.30	1,435.8	-63.2	90.3	-79.2	0.49	-0.18	-2.24	
1,510.0	11.87	124.99	1,499.4	-70.5	101.4	-89.0	1.22	0.40	5.68	
1,663.0	11.34	125.32	1,649.3	-88.2	126.6	-111.0	0.35	-0.35	0.22	
1,758.0	12.93	124.62	1,742.2	-99.6	142.9	-125.4	1.68	1.67	-0.74	
1,853.0	14.68	123.39	1,834.4	-112.3	161.7	-141.9	1.87	1.84	-1.29	
1,947.0	17.23	122.86	1,924.8	-126.4	183.4	-161.0	2.72	2.71	-0.56	
2,042.0	19.87	123.56	2,014.9	-143.0	208.7	-183.4	2.79	2.78	0.74	
2,137.0	21.37	125.15	2,103.8	-161.9	236.3	-207.6	1.69	1.58	1.67	
2,231.0	22.07	122.51	2,191.1	-181.2	265.2	-233.1	1.28	0.74	-2.81	
2,325.0	21.28	121.98	2,278.5	-199.7	294.5	-259.2	0.87	-0.84	-0.56	
2,420.0	21.28	123.04	2,367.0	-218.3	323.6	-284.9	0.40	0.00	1.12	
2,514.0	22.07	123.21	2,454.3	-237.2	352.7	-310.6	0.84	0.84	0.18	
2,609.0	22.60	125.32	2,542.2	-257.6	382.5	-336.9	1.01	0.56	2.22	
2,703.0	21.72	125.15	2,629.3	-278.0	411.5	-362.2	0.94	-0.94	-0.18	
2,798.0	20.31	125.32	2,717.9	-297.7	439.3	-386.6	1.49	-1.48	0.18	
2,892.0	22.25	127.08	2,805.5	-317.8	466.8	-410.6	2.17	2.06	1.87	
2,987.0	22.07	127.43	2,893.5	-339.5	495.3	-435.3	0.23	-0.19	0.37	
3,081.0	20.66	126.90	2,981.1	-360.2	522.6	-458.9	1.51	-1.50	-0.56	
3,176.0	19.17	126.38	3,070.4	-379.5	548.6	-481.5	1.58	-1.57	-0.55	
3,271.0	20.66	124.97	3,159.7	-398.4	574.9	-504.5	1.65	1.57	-1.48	
3,389.0	22.34	125.15	3,269.5	-423.2	610.3	-535.5	1.42	1.42	0.15	
3,484.0	20.84	123.39	3,357.8	-442.9	639.1	-560.9	1.72	-1.58	-1.85	
3,578.0	22.42	121.63	3,445.2	-461.5	668.4	-586.8	1.82	1.68	-1.87	
3,673.0	20.49	118.11	3,533.6	-478.9	698.5	-613.8	2.44	-2.03	-3.71	
3,767.0	21.46	120.75	3,621.4	-495.4	727.7	-640.1	1.44	1.03	2.81	
3,862.0	21.72	124.62	3,709.7	-514.3	757.1	-666.1	1.52	0.27	4.07	
3,957.0	19.43	121.45	3,798.6	-532.5	785.1	-690.8	2.68	-2.41	-3.34	
4,052.0	22.77	125.50	3,887.3	-551.5	813.6	-715.9	3.83	3.52	4.26	
4,146.0	23.13	124.97	3,973.8	-572.6	843.5	-742.1	0.44	0.38	-0.56	
4,240.0	23.21	124.97	4,060.2	-593.8	873.8	-768.7	0.09	0.09	0.00	
4,335.0	22.60	130.07	4,147.8	-616.3	903.1	-794.1	2.19	-0.64	5.37	
4,430.0	18.73	130.77	4,236.6	-638.0	928.6	-815.8	4.08	-4.07	0.74	
4,525.0	17.32	129.36	4,327.0	-656.9	951.1	-835.0	1.55	-1.48	-1.48	
4,619.0	18.38	126.03	4,416.4	-674.5	973.9	-854.8	1.57	1.13	-3.54	
4,714.0	21.63	124.09	4,505.7	-693.2	1,000.6	-878.1	3.49	3.42	-2.04	
4,809.0	20.84	123.04	4,594.3	-712.2	1,029.2	-903.4	0.92	-0.83	-1.11	
4,903.0	20.14	122.69	4,682.3	-730.0	1,056.9	-927.9	0.76	-0.74	-0.37	
4,997.0	21.28	121.45	4,770.2	-747.7	1,085.0	-952.9	1.30	1.21	-1.32	
5,092.0	19.52	121.28	4,859.3	-764.9	1,113.3	-978.1	1.85	-1.85	-0.18	
5,186.0	21.10	124.79	4,947.4	-782.7	1,140.6	-1,002.2	2.12	1.68	3.73	

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5,280.0	20.22	123.92	5,035.4	-801.4	1,168.0	-1,026.3	0.99	-0.94	-0.93	
5,375.0	22.25	126.73	5,123.9	-821.4	1,196.0	-1,050.8	2.39	2.14	2.96	
5,469.0	20.75	125.67	5,211.4	-841.7	1,223.8	-1,075.0	1.65	-1.60	-1.13	
5,564.0	21.02	126.03	5,300.1	-861.6	1,251.3	-1,099.0	0.31	0.28	0.38	
5,658.0	18.64	124.44	5,388.6	-880.0	1,277.3	-1,121.8	2.60	-2.53	-1.69	
5,753.0	20.14	122.33	5,478.2	-897.3	1,303.7	-1,145.0	1.74	1.58	-2.22	
5,847.0	20.66	122.51	5,566.3	-914.9	1,331.3	-1,169.6	0.56	0.55	0.19	
5,942.0	18.55	120.40	5,655.8	-931.5	1,358.5	-1,193.7	2.34	-2.22	-2.22	
6,036.0	17.06	118.11	5,745.3	-945.6	1,383.5	-1,216.3	1.75	-1.59	-2.44	
6,131.0	15.74	129.01	5,836.4	-960.3	1,405.9	-1,236.0	3.52	-1.39	11.47	
6,226.0	10.90	136.04	5,928.8	-974.9	1,422.1	-1,249.7	5.36	-5.09	7.40	
6,320.0	9.58	131.47	6,021.3	-986.4	1,434.1	-1,259.8	1.65	-1.40	-4.86	
6,415.0	7.47	132.70	6,115.3	-995.9	1,444.6	-1,268.6	2.23	-2.22	1.29	
6,509.0	6.24	125.15	6,208.6	-1,002.9	1,453.3	-1,276.0	1.62	-1.31	-8.03	
6,604.0	3.78	120.58	6,303.2	-1,007.5	1,460.2	-1,282.1	2.62	-2.59	-4.81	
6,698.0	2.99	121.98	6,397.1	-1,010.4	1,464.9	-1,286.4	0.84	-0.84	1.49	
6,792.0	0.97	93.68	6,491.0	-1,011.7	1,467.8	-1,289.0	2.32	-2.15	-30.11	
6,887.0	0.79	103.88	6,586.0	-1,011.9	1,469.3	-1,290.4	0.25	-0.19	10.74	
6,982.0	0.62	101.77	6,681.0	-1,012.2	1,470.4	-1,291.5	0.18	-0.18	-2.22	
7,076.0	0.62	117.76	6,775.0	-1,012.5	1,471.3	-1,292.3	0.18	0.00	17.01	
7,171.0	0.97	203.54	6,870.0	-1,013.5	1,471.5	-1,292.3	1.17	0.37	90.29	
7,265.0	14.95	249.78	6,962.9	-1,018.5	1,459.7	-1,279.9	15.21	14.87	49.19	
7,360.0	23.74	262.43	7,052.5	-1,025.2	1,429.2	-1,248.7	10.20	9.25	13.32	
7,455.0	31.13	271.22	7,136.8	-1,027.2	1,385.6	-1,205.4	8.85	7.78	9.25	
7,550.0	38.69	273.15	7,214.6	-1,025.1	1,331.3	-1,152.1	8.04	7.96	2.03	
7,644.0	47.13	268.41	7,283.4	-1,024.4	1,267.4	-1,089.1	9.61	8.98	-5.04	
7,738.0	57.68	268.23	7,340.7	-1,026.6	1,193.1	-1,015.4	11.22	11.22	-0.19	
7,833.0	66.04	274.03	7,385.5	-1,024.8	1,109.5	-933.1	10.31	8.80	6.11	
7,928.0	70.87	273.51	7,420.3	-1,019.0	1,021.3	-847.0	5.11	5.08	-0.55	
8,022.0	81.87	271.04	7,442.5	-1,015.4	930.2	-757.6	11.98	11.70	-2.63	
8,061.6	85.39	270.23	7,446.9	-1,015.0	890.8	-718.8	9.11	8.88	-2.04	
TIZ - 1110°FSL, 2536°FEL, Sec.30										
8,117.0	90.31	269.11	7,448.9	-1,015.3	835.5	-664.1	9.11	8.89	-2.02	
8,212.0	92.68	268.41	7,446.5	-1,017.4	740.5	-570.0	2.60	2.49	-0.74	
8,306.0	91.98	267.70	7,442.6	-1,020.5	646.7	-476.8	1.06	-0.74	-0.76	
8,401.0	90.31	268.58	7,440.7	-1,023.6	551.8	-382.6	1.99	-1.76	0.93	
8,495.0	89.25	267.35	7,441.1	-1,027.0	457.8	-289.3	1.73	-1.13	-1.31	
8,590.0	90.31	269.81	7,441.5	-1,029.3	362.9	-195.2	2.82	1.12	2.59	
8,685.0	90.31	269.29	7,441.0	-1,030.1	267.9	-101.3	0.55	0.00	-0.55	
8,780.0	88.90	269.29	7,441.6	-1,031.2	172.9	-7.3	1.48	-1.48	0.00	
8,875.0	88.99	268.06	7,443.4	-1,033.4	77.9	86.8	1.30	0.09	-1.29	
8,969.0	91.98	269.29	7,442.6	-1,035.6	-16.0	179.9	3.44	3.18	1.31	
9,064.0	90.48	269.11	7,440.5	-1,036.9	-111.0	273.9	1.59	-1.58	-0.19	

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9,158.0	92.77	269.11	7,437.9	-1,038.4	-205.0	366.9	2.44	2.44	0.00
9,253.0	92.42	268.94	7,433.6	-1,040.0	-299.8	460.8	0.41	-0.37	-0.18
9,348.0	91.19	269.29	7,430.6	-1,041.5	-394.8	554.8	1.35	-1.29	0.37
9,442.0	90.75	268.76	7,429.0	-1,043.1	-488.8	647.8	0.73	-0.47	-0.56
9,537.0	90.13	268.23	7,428.2	-1,045.6	-583.7	742.0	0.86	-0.65	-0.56
9,632.0	89.52	267.70	7,428.5	-1,048.9	-678.7	836.3	0.85	-0.64	-0.56
9,726.0	89.78	270.17	7,429.1	-1,050.7	-772.6	929.3	2.64	0.28	2.63
9,821.0	89.25	269.99	7,429.9	-1,050.6	-867.6	1,023.1	0.59	-0.56	-0.19
9,916.0	91.19	270.34	7,429.5	-1,050.3	-962.6	1,116.9	2.08	2.04	0.37
10,010.0	90.84	269.64	7,427.9	-1,050.3	-1,056.6	1,209.7	0.83	-0.37	-0.74
10,105.0	90.22	269.81	7,427.0	-1,050.8	-1,151.6	1,303.5	0.68	-0.65	0.18
10,200.0	89.87	269.99	7,426.9	-1,050.9	-1,246.6	1,397.4	0.41	-0.37	0.19
10,294.0	89.60	270.52	7,427.4	-1,050.5	-1,340.6	1,490.1	0.63	-0.29	0.56
10,388.0	90.84	268.94	7,427.0	-1,050.9	-1,434.6	1,583.0	2.14	1.32	-1.68
10,483.0	90.57	269.46	7,425.8	-1,052.3	-1,529.6	1,677.0	0.62	-0.28	0.55
10,577.0	90.13	269.46	7,425.3	-1,053.2	-1,623.6	1,769.9	0.47	-0.47	0.00
10,671.0	89.60	269.46	7,425.5	-1,054.0	-1,717.6	1,862.9	0.56	-0.56	0.00
10,766.0	91.10	268.94	7,424.9	-1,055.4	-1,812.6	1,956.9	1.67	1.58	-0.55
10,860.0	90.84	269.46	7,423.3	-1,056.7	-1,906.5	2,049.9	0.62	-0.28	0.55
10,955.0	90.57	269.46	7,422.1	-1,057.6	-2,001.5	2,143.8	0.28	-0.28	0.00
11,048.0	90.13	269.11	7,421.6	-1,058.7	-2,094.5	2,235.8	0.60	-0.47	-0.38
11,143.0	90.13	269.11	7,421.4	-1,060.2	-2,189.5	2,329.8	0.00	0.00	0.00
11,238.0	89.52	269.11	7,421.6	-1,061.7	-2,284.5	2,423.8	0.64	-0.64	0.00
11,333.0	88.81	269.11	7,423.0	-1,063.2	-2,379.5	2,517.8	0.75	-0.75	0.00
11,427.0	90.31	267.53	7,423.8	-1,065.9	-2,473.4	2,611.0	2.32	1.60	-1.68
11,521.0	91.19	266.83	7,422.5	-1,070.5	-2,567.3	2,704.5	1.20	0.94	-0.74
11,616.0	91.71	268.06	7,420.1	-1,074.8	-2,662.2	2,798.8	1.41	0.55	1.29
11,710.0	90.92	267.18	7,418.0	-1,078.7	-2,756.1	2,892.1	1.26	-0.84	-0.94
11,805.0	90.13	269.81	7,417.1	-1,081.2	-2,851.0	2,986.3	2.89	-0.83	2.77
11,900.0	89.52	269.64	7,417.4	-1,081.6	-2,946.0	3,080.2	0.67	-0.64	-0.18
11,994.0	91.89	269.81	7,416.2	-1,082.1	-3,040.0	3,173.0	2.53	2.52	0.18
12,089.0	91.36	269.64	7,413.5	-1,082.5	-3,135.0	3,266.9	0.59	-0.56	-0.18
12,183.0	90.48	269.11	7,412.0	-1,083.6	-3,228.9	3,359.8	1.09	-0.94	-0.56
12,278.0	91.80	270.17	7,410.1	-1,084.2	-3,323.9	3,453.7	1.78	1.39	1.12
12,373.0	91.28	269.81	7,407.6	-1,084.2	-3,418.9	3,547.5	0.67	-0.55	-0.38
12,467.0	91.01	269.64	7,405.7	-1,084.6	-3,512.9	3,640.3	0.34	-0.29	-0.18
12,562.0	90.75	269.81	7,404.2	-1,085.1	-3,607.8	3,734.2	0.33	-0.27	0.18
12,657.0	90.57	270.17	7,403.1	-1,085.1	-3,702.8	3,828.0	0.42	-0.19	0.38
12,751.0	89.87	269.99	7,402.8	-1,085.0	-3,796.8	3,920.8	0.77	-0.74	-0.19
12,845.0	90.92	268.76	7,402.1	-1,086.0	-3,890.8	4,013.7	1.72	1.12	-1.31
12,940.0	91.19	270.17	7,400.4	-1,086.9	-3,985.8	4,107.7	1.51	0.28	1.48
13,034.0	90.84	270.52	7,398.7	-1,086.3	-4,079.8	4,200.4	0.53	-0.37	0.37
13,128.0	90.13	270.17	7,397.9	-1,085.8	-4,173.8	4,293.1	0.84	-0.76	-0.37
13,223.0	89.96	270.34	7,397.9	-1,085.3	-4,268.8	4,386.8	0.25	-0.18	0.18

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST T-30-25HC
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 T-30-25HC	North Reference:	True
Wellbore:	COT WEST T-30-25HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST T-30-25HC 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)
13,318.0	91.01	268.23	7,397.0	-1,086.5	-4,363.8	4,480.8	2.48	1.11	-2.22
13,412.0	91.45	267.53	7,395.0	-1,090.0	-4,457.7	4,574.1	0.88	0.47	-0.74
13,506.0	90.92	267.53	7,393.1	-1,094.0	-4,551.6	4,667.4	0.56	-0.56	0.00
13,600.0	89.60	267.53	7,392.7	-1,098.1	-4,645.5	4,760.8	1.40	-1.40	0.00
13,695.0	90.84	269.81	7,392.3	-1,100.3	-4,740.4	4,854.9	2.73	1.31	2.40
13,789.0	89.60	269.64	7,391.9	-1,100.7	-4,834.4	4,947.8	1.33	-1.32	-0.18
13,884.0	93.47	269.46	7,389.4	-1,101.5	-4,929.4	5,041.6	4.08	4.07	-0.19
13,978.0	93.39	269.64	7,383.8	-1,102.2	-5,023.2	5,134.4	0.21	-0.09	0.19
14,073.0	92.95	269.29	7,378.5	-1,103.1	-5,118.1	5,228.2	0.59	-0.46	-0.37
14,167.0	92.59	270.34	7,374.0	-1,103.4	-5,211.9	5,320.9	1.18	-0.38	1.12
14,262.0	91.71	269.64	7,370.4	-1,103.4	-5,306.9	5,414.7	1.18	-0.93	-0.74
14,356.0	93.56	269.81	7,366.1	-1,103.9	-5,400.8	5,507.5	1.98	1.97	0.18
14,451.0	93.12	270.17	7,360.6	-1,103.9	-5,495.6	5,601.1	0.60	-0.46	0.38
14,545.0	93.21	268.23	7,355.4	-1,105.2	-5,589.5	5,694.0	2.06	0.10	-2.06
14,640.0	93.21	268.41	7,350.0	-1,108.0	-5,684.3	5,788.0	0.19	0.00	0.19
14,734.0	92.51	268.94	7,345.4	-1,110.2	-5,778.1	5,881.0	0.93	-0.74	0.56
14,829.0	91.54	269.11	7,342.0	-1,111.8	-5,873.0	5,975.0	1.04	-1.02	0.18
14,923.0	92.15	268.94	7,339.0	-1,113.4	-5,967.0	6,068.0	0.67	0.65	-0.18
15,018.0	94.35	268.58	7,333.6	-1,115.4	-6,061.8	6,162.0	2.35	2.32	-0.38
15,112.0	93.91	268.06	7,326.8	-1,118.2	-6,155.5	6,254.9	0.72	-0.47	-0.55
15,207.0	92.68	267.35	7,321.4	-1,122.0	-6,250.3	6,349.1	1.49	-1.29	-0.75
15,301.0	93.30	268.23	7,316.4	-1,125.6	-6,344.1	6,442.3	1.14	0.66	0.94
15,395.0	93.39	267.53	7,311.0	-1,129.1	-6,437.9	6,535.4	0.75	0.10	-0.74
15,490.0	94.00	269.29	7,304.8	-1,131.7	-6,532.6	6,629.4	1.96	0.64	1.85
15,585.0	93.65	269.29	7,298.5	-1,132.9	-6,627.4	6,723.2	0.37	-0.37	0.00
15,679.0	93.56	269.81	7,292.6	-1,133.6	-6,721.2	6,815.9	0.56	-0.10	0.55
15,774.0	93.03	269.64	7,287.1	-1,134.1	-6,816.1	6,909.6	0.59	-0.56	-0.18
15,984.0	91.80	270.69	7,278.3	-1,133.5	-7,025.9	7,116.7	0.77	-0.59	0.50
16,044.0	91.80	270.69	7,276.4	-1,132.7	-7,085.8	7,175.8	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
SHL 2137'FSL & 1973'F1 - hit/miss target - Shape - Point	0.00	0.00	1.0	0.0	0.0	1,441,703.23	3,187,616.66	40.543915	-104.824917
Projected BHL 1059'FSL - survey misses target center by 41.8ft at 16043.7ft MD (7276.4 TVD, -1132.7 N, -7085.6 E) - Point	0.00	0.00	7,318.0	-1,137.1	-7,086.9	1,440,512.23	3,180,538.81	40.540791	-104.850415

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

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,061.6	7,446.9	-1,015.0	890.8	TIZ - 1110'FSL, 2536'FEL, Sec.30

Checked By: _____ Approved By: _____ Date: _____