

Bayswater Exploration & Production, LLC

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

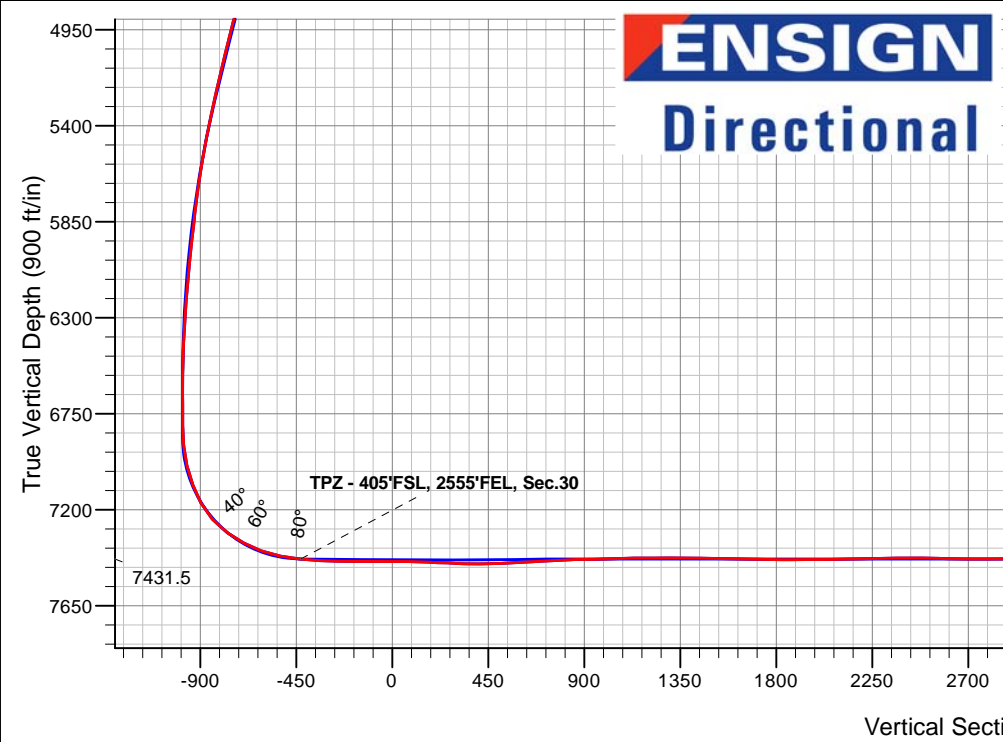
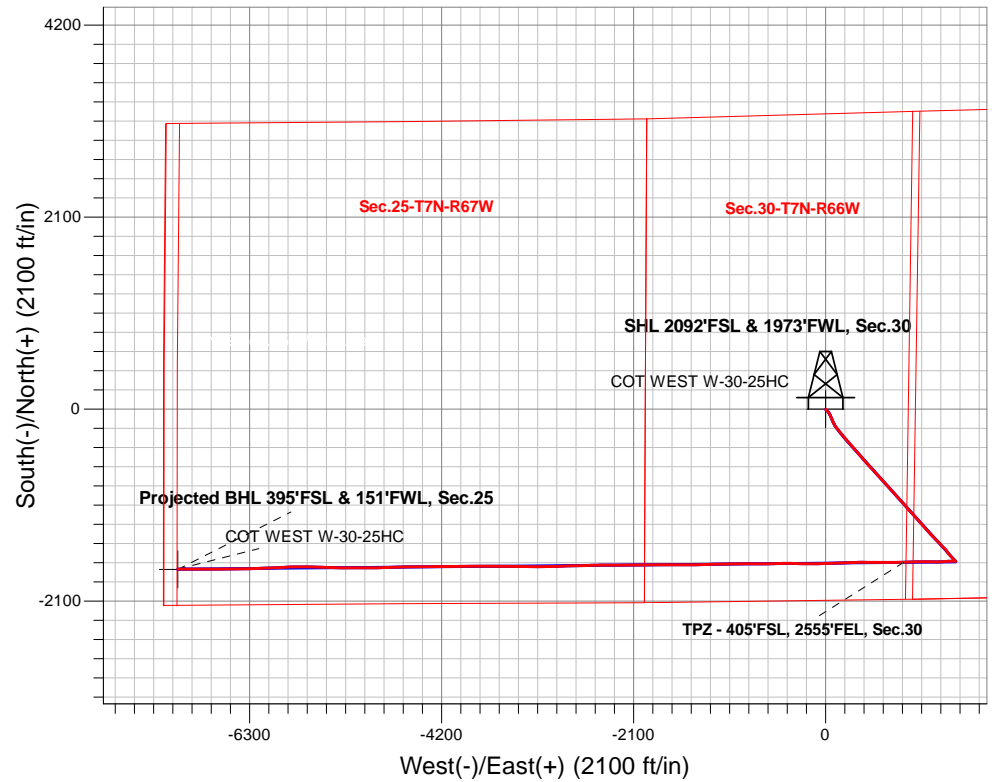
Surface Location: COT 30J Pad Sec.30-T7N-R66W
 North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
 Ground Elevation: 4946.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441658.04	3187616.72	40.543791	-104.824918	

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

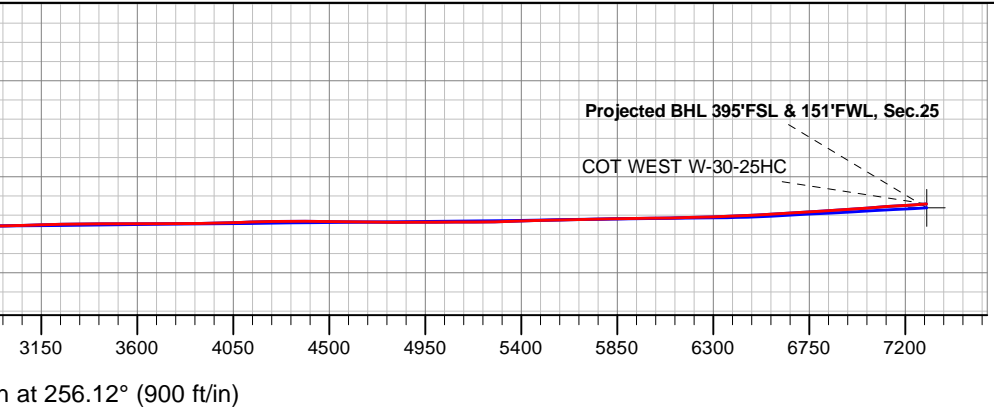
FINAL SURVEY

Projected Bottom Hole Location
16,157'MD 7328'TVD 1751'S & 7086'W of SHL
93.74 degree Incl @ 269.66 degree AZM



COT 30J Pad Sec.30-T7N-R66W COT WEST W-30-25HC COT WEST W-30-25HC Wellbore #1 7:40, February 19 2020				ANNOTATIONS		
TVD	MD	Annotation				
7431.5	8209.7	TPZ - 405'FSL, 2555'FEL, Sec.30				

LEGEND	
	COT WEST W-30-25HC, COT WEST W-30-25HC Wellbore #1, Plan #4 (1-28-20) V0
	COT WEST W-30-25HC Wellbore #1
	Survey #1





Bayswater Exploration & Production, LLC

SEC.30-T7N-R66W

COT 30J Pad Sec.30-T7N-R66W

COT WEST W-30-25HC

COT WEST W-30-25HC Wellbore #1

Survey: Survey #1

Standard Survey Report

19 February, 2020



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST W-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 W-30-25HC	North Reference:	True
Wellbore:	COT WEST W-30-25HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST W-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 W-30-25HC					
Well Position	+N/-S	0.0 ft	Northing:	1,441,658.05 usft	Latitude:	40.543791
	+E/-W	0.0 ft	Easting:	3,187,616.72 usft	Longitude:	-104.824918
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,946.0 ft

Wellbore	COT WEST W-30-25HC Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	1/21/2020	7.92	66.88	52,236

Design	COT WEST W-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	256.12	

Survey Program	Date	2/19/2020			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
247.0	16,157.0	Survey #1 (COT WEST W-30-25HC Wellb	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	
247.0	0.79	177.02	247.0	-1.7	0.1	0.3	0.32	0.32	0.00	
341.0	1.85	154.87	341.0	-3.7	0.8	0.1	1.23	1.13	-23.56	
436.0	2.99	143.97	435.9	-7.1	2.9	-1.1	1.29	1.20	-11.47	
531.0	3.52	129.74	530.7	-11.0	6.6	-3.7	1.01	0.56	-14.98	
625.0	5.72	132.90	624.4	-16.0	12.2	-8.0	2.36	2.34	3.36	
719.0	8.35	134.83	717.7	-24.0	20.5	-14.1	2.81	2.80	2.05	
814.0	9.41	136.42	811.6	-34.5	30.7	-21.6	1.15	1.12	1.67	
909.0	9.85	152.76	905.2	-47.4	39.8	-27.3	2.90	0.46	17.20	
1,004.0	9.67	154.52	998.9	-61.8	47.0	-30.8	0.37	-0.19	1.85	

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Well:	COT WEST W-30-25HC	North Reference:	True
Wellbore:	COT WEST W-30-25HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST W-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)	
1,099.0	8.71	155.93	1,092.6	-75.6	53.3	-33.7	1.04	-1.01	1.48	
1,194.0	8.44	158.39	1,186.6	-88.6	58.8	-35.9	0.48	-0.28	2.59	
1,288.0	7.12	155.58	1,279.7	-100.3	63.8	-37.9	1.46	-1.40	-2.99	
1,383.0	7.74	157.16	1,373.9	-111.6	68.7	-39.9	0.69	0.65	1.66	
1,506.0	8.09	157.33	1,495.7	-127.2	75.3	-42.5	0.29	0.28	0.14	
1,659.0	10.02	156.98	1,646.8	-149.4	84.6	-46.3	1.26	1.26	-0.23	
1,754.0	12.13	151.53	1,740.1	-165.8	92.6	-50.1	2.48	2.22	-5.74	
1,849.0	12.66	147.67	1,832.8	-183.3	102.9	-55.9	1.04	0.56	-4.06	
1,944.0	12.66	142.04	1,925.5	-200.3	114.9	-63.5	1.30	0.00	-5.93	
2,038.0	13.89	138.70	2,017.0	-216.9	128.7	-72.9	1.54	1.31	-3.55	
2,133.0	15.74	141.69	2,108.9	-235.6	144.2	-83.4	2.11	1.95	3.15	
2,228.0	17.32	140.63	2,199.9	-256.7	161.2	-94.9	1.69	1.66	-1.12	
2,322.0	19.43	141.51	2,289.1	-279.7	179.8	-107.4	2.26	2.24	0.94	
2,416.0	21.37	140.81	2,377.2	-305.2	200.3	-121.2	2.08	2.06	-0.74	
2,511.0	23.39	139.93	2,465.1	-333.1	223.4	-136.9	2.16	2.13	-0.93	
2,606.0	26.20	137.82	2,551.3	-363.1	249.6	-155.2	3.10	2.96	-2.22	
2,701.0	28.40	138.00	2,635.7	-395.4	278.8	-175.8	2.32	2.32	0.19	
2,796.0	29.81	139.05	2,718.7	-430.0	309.4	-197.2	1.58	1.48	1.11	
2,890.0	29.37	138.70	2,800.5	-465.0	340.0	-218.4	0.50	-0.47	-0.37	
2,985.0	29.28	138.88	2,883.3	-500.0	370.6	-239.8	0.13	-0.09	0.19	
3,080.0	28.75	138.70	2,966.4	-534.7	401.0	-261.0	0.57	-0.56	-0.19	
3,175.0	28.14	138.88	3,049.9	-568.7	430.8	-281.7	0.65	-0.64	0.19	
3,269.0	27.35	137.82	3,133.1	-601.4	459.9	-302.1	0.99	-0.84	-1.13	
3,386.0	27.96	137.30	3,236.7	-641.5	496.5	-328.1	0.56	0.52	-0.44	
3,481.0	26.91	137.47	3,321.0	-673.7	526.1	-349.1	1.11	-1.11	0.18	
3,575.0	26.12	137.65	3,405.2	-704.7	554.5	-369.2	0.84	-0.84	0.19	
3,669.0	27.26	137.65	3,489.1	-735.9	582.9	-389.3	1.21	1.21	0.00	
3,764.0	27.96	138.70	3,573.3	-768.7	612.3	-409.9	0.90	0.74	1.11	
3,859.0	26.91	136.94	3,657.6	-801.1	641.6	-430.7	1.40	-1.11	-1.85	
3,953.0	28.31	138.00	3,740.9	-833.2	671.1	-451.5	1.58	1.49	1.13	
4,048.0	27.44	137.30	3,824.9	-866.0	701.0	-472.7	0.98	-0.92	-0.74	
4,142.0	29.99	138.88	3,907.3	-899.7	731.1	-493.9	2.83	2.71	1.68	
4,236.0	29.90	138.53	3,988.8	-934.9	762.1	-515.5	0.21	-0.10	-0.37	
4,332.0	29.63	138.53	4,072.1	-970.6	793.7	-537.6	0.28	-0.28	0.00	
4,426.0	29.72	138.70	4,153.8	-1,005.5	824.4	-559.1	0.13	0.10	0.18	
4,521.0	28.58	137.65	4,236.8	-1,040.0	855.3	-580.7	1.32	-1.20	-1.11	
4,615.0	27.00	136.77	4,319.9	-1,072.2	885.0	-601.9	1.74	-1.68	-0.94	
4,710.0	26.64	138.53	4,404.7	-1,103.9	913.9	-622.3	0.92	-0.38	1.85	
4,805.0	27.00	139.58	4,489.5	-1,136.2	942.0	-641.8	0.63	0.38	1.11	
4,899.0	28.67	138.88	4,572.6	-1,169.5	970.7	-661.7	1.81	1.78	-0.74	
4,994.0	28.23	138.17	4,656.1	-1,203.4	1,000.6	-682.7	0.58	-0.46	-0.75	
5,088.0	27.00	137.82	4,739.4	-1,235.8	1,029.8	-703.2	1.32	-1.31	-0.37	
5,183.0	28.14	138.35	4,823.6	-1,268.5	1,059.2	-723.8	1.23	1.20	0.56	
5,278.0	26.82	137.82	4,907.9	-1,301.1	1,088.4	-744.4	1.41	-1.39	-0.56	

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5,372.0	28.05	137.82	4,991.3	-1,333.2	1,117.5	-765.0	1.31	1.31	0.00	
5,466.0	26.82	137.30	5,074.8	-1,365.2	1,146.7	-785.7	1.33	-1.31	-0.55	
5,561.0	26.29	137.12	5,159.8	-1,396.3	1,175.6	-806.2	0.56	-0.56	-0.19	
5,656.0	24.36	136.42	5,245.6	-1,425.9	1,203.4	-826.1	2.06	-2.03	-0.74	
5,750.0	22.69	135.54	5,331.8	-1,452.9	1,229.5	-844.9	1.82	-1.78	-0.94	
5,845.0	21.10	133.60	5,419.9	-1,477.8	1,254.7	-863.4	1.84	-1.67	-2.04	
5,940.0	20.31	137.30	5,508.8	-1,501.7	1,278.3	-880.6	1.61	-0.83	3.89	
6,034.0	18.47	135.19	5,597.5	-1,524.3	1,299.8	-896.1	2.09	-1.96	-2.24	
6,129.0	17.94	142.74	5,687.7	-1,546.6	1,319.3	-909.6	2.54	-0.56	7.95	
6,224.0	16.53	141.87	5,778.5	-1,568.9	1,336.5	-921.0	1.51	-1.48	-0.92	
6,318.0	15.39	141.69	5,868.8	-1,589.2	1,352.5	-931.7	1.21	-1.21	-0.19	
6,412.0	12.84	139.23	5,960.0	-1,606.9	1,367.0	-941.5	2.79	-2.71	-2.62	
6,507.0	11.52	137.65	6,052.9	-1,621.9	1,380.3	-950.8	1.43	-1.39	-1.66	
6,601.0	10.29	136.77	6,145.2	-1,634.9	1,392.4	-959.4	1.32	-1.31	-0.94	
6,695.0	8.53	135.01	6,237.9	-1,646.0	1,403.1	-967.1	1.90	-1.87	-1.87	
6,790.0	5.80	134.13	6,332.1	-1,654.3	1,411.5	-973.3	2.88	-2.87	-0.93	
6,884.0	4.13	130.26	6,425.8	-1,659.8	1,417.5	-977.8	1.81	-1.78	-4.12	
6,979.0	2.55	122.88	6,520.6	-1,663.2	1,421.9	-981.3	1.72	-1.66	-7.77	
7,074.0	0.35	204.80	6,615.6	-1,664.6	1,423.5	-982.5	2.66	-2.32	86.23	
7,168.0	0.53	303.76	6,709.6	-1,664.6	1,423.1	-982.1	0.72	0.19	105.28	
7,263.0	0.53	4.58	6,804.6	-1,663.9	1,422.7	-981.9	0.56	0.00	64.02	
7,357.0	5.45	271.06	6,898.4	-1,663.4	1,418.3	-977.7	5.86	5.23	-99.49	
7,452.0	13.45	268.25	6,992.1	-1,663.7	1,402.7	-962.5	8.43	8.42	-2.96	
7,547.0	20.75	269.31	7,082.8	-1,664.2	1,374.8	-935.3	7.69	7.68	1.12	
7,640.0	29.37	268.25	7,167.0	-1,665.1	1,335.5	-896.9	9.28	9.27	-1.14	
7,735.0	41.68	265.97	7,244.2	-1,668.0	1,280.5	-842.8	13.03	12.96	-2.40	
7,830.0	54.52	269.83	7,307.5	-1,670.4	1,210.0	-773.8	13.85	13.52	4.06	
7,924.0	63.22	271.42	7,356.0	-1,669.4	1,129.6	-696.0	9.37	9.26	1.69	
8,017.0	70.35	270.01	7,392.7	-1,668.4	1,044.2	-613.3	7.79	7.67	-1.52	
8,112.0	79.23	267.90	7,417.6	-1,670.1	952.6	-524.0	9.59	9.35	-2.22	
8,207.0	84.24	266.49	7,431.2	-1,674.7	858.7	-431.8	5.47	5.27	-1.48	
8,209.7	84.33	266.58	7,431.5	-1,674.9	856.1	-429.2	4.76	3.36	3.39	
TPZ - 405'FSL, 2555'FEL, Sec.30										
8,301.0	87.41	269.66	7,438.1	-1,677.9	765.1	-340.1	4.76	3.37	3.37	
8,396.0	88.81	270.36	7,441.2	-1,677.9	670.1	-248.0	1.65	1.47	0.74	
8,490.0	89.78	270.71	7,442.4	-1,677.0	576.1	-156.9	1.10	1.03	0.37	
8,585.0	90.04	270.54	7,442.5	-1,675.9	481.1	-65.0	0.33	0.27	-0.18	
8,680.0	90.40	269.83	7,442.1	-1,675.6	386.1	27.2	0.84	0.38	-0.75	
8,774.0	87.14	268.43	7,444.2	-1,677.1	292.2	118.7	3.77	-3.47	-1.49	
8,869.0	88.29	267.02	7,447.9	-1,680.8	197.4	211.7	1.91	1.21	-1.48	
8,964.0	86.97	267.37	7,451.9	-1,685.5	102.5	304.9	1.44	-1.39	0.37	
9,059.0	90.92	268.08	7,453.6	-1,689.2	7.7	397.9	4.22	4.16	0.75	
9,154.0	91.36	270.36	7,451.7	-1,690.5	-87.3	490.4	2.44	0.46	2.40	

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9,249.0	92.86	270.36	7,448.2	-1,689.9	-182.2	582.4	1.58	1.58	0.00	
9,343.0	93.30	270.71	7,443.2	-1,689.1	-276.1	673.3	0.60	0.47	0.37	
9,438.0	93.91	270.36	7,437.2	-1,688.2	-370.9	765.1	0.74	0.64	-0.37	
9,533.0	90.66	269.48	7,433.4	-1,688.3	-465.8	857.3	3.54	-3.42	-0.93	
9,627.0	91.19	269.13	7,431.9	-1,689.4	-559.8	948.8	0.68	0.56	-0.37	
9,722.0	91.71	268.96	7,429.5	-1,691.0	-654.8	1,041.4	0.58	0.55	-0.18	
9,816.0	91.19	270.19	7,427.1	-1,691.7	-748.7	1,132.8	1.42	-0.55	1.31	
9,911.0	89.78	270.01	7,426.3	-1,691.6	-843.7	1,224.9	1.50	-1.48	-0.19	
10,005.0	90.48	269.66	7,426.1	-1,691.8	-937.7	1,316.3	0.83	0.74	-0.37	
10,100.0	88.55	269.31	7,426.9	-1,692.7	-1,032.7	1,408.7	2.06	-2.03	-0.37	
10,194.0	88.99	268.96	7,428.9	-1,694.1	-1,126.7	1,500.2	0.60	0.47	-0.37	
10,289.0	89.25	268.25	7,430.4	-1,696.4	-1,221.6	1,593.0	0.80	0.27	-0.75	
10,383.0	89.43	267.90	7,431.5	-1,699.6	-1,315.6	1,684.9	0.42	0.19	-0.37	
10,478.0	88.72	270.01	7,433.0	-1,701.3	-1,410.5	1,777.5	2.34	-0.75	2.22	
10,573.0	90.13	269.66	7,434.0	-1,701.6	-1,505.5	1,869.8	1.53	1.48	-0.37	
10,668.0	90.66	269.83	7,433.3	-1,702.0	-1,600.5	1,962.2	0.59	0.56	0.18	
10,762.0	90.57	270.01	7,432.3	-1,702.1	-1,694.5	2,053.4	0.21	-0.10	0.19	
10,857.0	91.10	269.83	7,430.9	-1,702.3	-1,789.5	2,145.7	0.59	0.56	-0.19	
10,950.0	90.84	269.48	7,429.3	-1,702.8	-1,882.5	2,236.1	0.47	-0.28	-0.38	
11,045.0	91.28	269.31	7,427.6	-1,703.8	-1,977.5	2,328.5	0.50	0.46	-0.18	
11,139.0	90.48	269.48	7,426.1	-1,704.8	-2,071.4	2,420.0	0.87	-0.85	0.18	
11,233.0	88.37	269.83	7,427.1	-1,705.4	-2,165.4	2,511.4	2.28	-2.24	0.37	
11,328.0	88.72	269.48	7,429.5	-1,706.0	-2,260.4	2,603.7	0.52	0.37	-0.37	
11,423.0	88.90	268.96	7,431.5	-1,707.3	-2,355.4	2,696.2	0.58	0.19	-0.55	
11,517.0	91.28	270.71	7,431.3	-1,707.5	-2,449.4	2,787.5	3.14	2.53	1.86	
11,612.0	89.52	268.25	7,430.7	-1,708.4	-2,544.3	2,879.9	3.18	-1.85	-2.59	
11,707.0	91.28	269.13	7,430.0	-1,710.6	-2,639.3	2,972.7	2.07	1.85	0.93	
11,802.0	91.54	268.60	7,427.7	-1,712.4	-2,734.3	3,065.3	0.62	0.27	-0.56	
11,896.0	91.71	268.25	7,425.0	-1,715.0	-2,828.2	3,157.1	0.41	0.18	-0.37	
11,991.0	90.57	268.43	7,423.1	-1,717.8	-2,923.1	3,249.9	1.21	-1.20	0.19	
12,085.0	91.01	267.90	7,421.8	-1,720.8	-3,017.1	3,341.8	0.73	0.47	-0.56	
12,179.0	90.66	269.66	7,420.4	-1,722.8	-3,111.0	3,433.5	1.91	-0.37	1.87	
12,274.0	89.96	270.71	7,419.9	-1,722.5	-3,206.0	3,525.7	1.33	-0.74	1.11	
12,369.0	89.96	270.71	7,420.0	-1,721.3	-3,301.0	3,617.6	0.00	0.00	0.00	
12,464.0	89.96	270.54	7,420.0	-1,720.3	-3,396.0	3,709.6	0.18	0.00	-0.18	
12,559.0	90.40	270.54	7,419.7	-1,719.4	-3,491.0	3,801.6	0.46	0.46	0.00	
12,653.0	90.66	270.36	7,418.9	-1,718.6	-3,585.0	3,892.7	0.34	0.28	-0.19	
12,748.0	91.45	270.01	7,417.1	-1,718.3	-3,680.0	3,984.8	0.91	0.83	-0.37	
12,843.0	91.71	269.48	7,414.5	-1,718.7	-3,775.0	4,077.1	0.62	0.27	-0.56	
12,938.0	92.59	269.66	7,410.9	-1,719.5	-3,869.9	4,169.4	0.95	0.93	0.19	
13,032.0	90.13	269.66	7,408.7	-1,720.0	-3,963.9	4,260.8	2.62	-2.62	0.00	
13,127.0	89.60	270.01	7,408.9	-1,720.3	-4,058.9	4,353.1	0.67	-0.56	0.37	
13,222.0	89.08	269.83	7,410.0	-1,720.4	-4,153.8	4,445.3	0.58	-0.55	-0.19	
13,317.0	89.60	269.48	7,411.1	-1,721.0	-4,248.8	4,537.7	0.66	0.55	-0.37	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST W-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 W-30-25HC	North Reference:	True
Wellbore:	COT WEST W-30-25HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST W-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)	
13,412.0	89.60	269.48	7,411.8	-1,721.9	-4,343.8	4,630.1	0.00	0.00	0.00	
13,507.0	89.87	268.96	7,412.2	-1,723.1	-4,438.8	4,722.6	0.62	0.28	-0.55	
13,602.0	89.69	268.78	7,412.6	-1,725.0	-4,533.8	4,815.3	0.27	-0.19	-0.19	
13,696.0	89.69	268.60	7,413.1	-1,727.2	-4,627.8	4,907.0	0.19	0.00	-0.19	
13,790.0	90.31	268.43	7,413.1	-1,729.6	-4,721.7	4,998.8	0.68	0.66	-0.18	
13,884.0	90.66	268.08	7,412.3	-1,732.5	-4,815.7	5,090.7	0.53	0.37	-0.37	
13,979.0	89.78	268.60	7,411.9	-1,735.2	-4,910.7	5,183.6	1.08	-0.93	0.55	
14,073.0	91.10	270.89	7,411.2	-1,735.6	-5,004.6	5,274.9	2.81	1.40	2.44	
14,168.0	91.71	270.19	7,408.9	-1,734.7	-5,099.6	5,366.9	0.98	0.64	-0.74	
14,263.0	92.15	269.83	7,405.7	-1,734.7	-5,194.6	5,459.0	0.60	0.46	-0.38	
14,357.0	91.28	270.89	7,402.9	-1,734.1	-5,288.5	5,550.1	1.46	-0.93	1.13	
14,452.0	91.80	270.36	7,400.3	-1,733.1	-5,383.5	5,642.0	0.78	0.55	-0.56	
14,546.0	90.48	272.30	7,398.5	-1,730.9	-5,477.4	5,732.7	2.50	-1.40	2.06	
14,641.0	90.75	273.00	7,397.4	-1,726.5	-5,572.3	5,823.8	0.79	0.28	0.74	
14,736.0	91.01	270.36	7,396.0	-1,723.7	-5,667.2	5,915.3	2.79	0.27	-2.78	
14,831.0	90.66	268.25	7,394.6	-1,724.9	-5,762.2	6,007.8	2.25	-0.37	-2.22	
14,925.0	90.92	267.90	7,393.3	-1,728.1	-5,856.2	6,099.7	0.46	0.28	-0.37	
15,020.0	91.71	267.72	7,391.1	-1,731.7	-5,951.1	6,192.7	0.85	0.83	-0.19	
15,114.0	92.33	267.37	7,387.8	-1,735.7	-6,044.9	6,284.8	0.76	0.66	-0.37	
15,209.0	91.89	267.72	7,384.3	-1,739.8	-6,139.8	6,377.9	0.59	-0.46	0.37	
15,304.0	92.15	268.78	7,381.0	-1,742.7	-6,234.7	6,470.7	1.15	0.27	1.12	
15,398.0	92.59	267.90	7,377.1	-1,745.4	-6,328.5	6,562.5	1.05	0.47	-0.94	
15,493.0	94.00	269.31	7,371.6	-1,747.7	-6,423.4	6,655.1	2.10	1.48	1.48	
15,587.0	94.35	268.78	7,364.8	-1,749.3	-6,517.1	6,746.4	0.67	0.37	-0.56	
15,681.0	93.21	270.01	7,358.6	-1,750.3	-6,610.9	6,837.7	1.78	-1.21	1.31	
15,776.0	93.56	269.66	7,353.0	-1,750.5	-6,705.7	6,929.8	0.52	0.37	-0.37	
15,871.0	94.53	269.48	7,346.3	-1,751.2	-6,800.5	7,022.0	1.04	1.02	-0.19	
15,965.0	93.30	270.54	7,339.8	-1,751.2	-6,894.2	7,113.0	1.73	-1.31	1.13	
16,060.0	93.47	269.83	7,334.2	-1,750.9	-6,989.1	7,205.0	0.77	0.18	-0.75	
16,097.0	93.74	269.66	7,331.9	-1,751.1	-7,026.0	7,240.9	0.86	0.73	-0.46	
16,157.0	93.74	269.66	7,328.0	-1,751.4	-7,085.9	7,299.1	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 2092'FSL & 1973'F1 - hit/miss target - Shape - Point	0.00	0.00	1.0	0.0	0.0	1,441,658.05	3,187,616.72	40.543791	-104.824918	
Projected BHL 395'FSL i - survey misses target center by 18.1ft at 16157.0ft MD (7328.0 TVD, -1751.4 N, -7085.9 E) - Point	0.00	0.00	7,346.0	-1,751.7	-7,087.1	1,439,852.48	3,180,543.36	40.538980	-104.850416	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST W-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 W-30-25HC	North Reference:	True
Wellbore:	COT WEST W-30-25HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST W-30-25HC Wellbore #1	Database:	US_EDM

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,209.7	7,431.5	-1,674.9	856.1	TPZ - 405'FSL, 2555'FEL, Sec.30

Checked By: _____ Approved By: _____ Date: _____