

Bayswater Exploration & Production, LLC

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

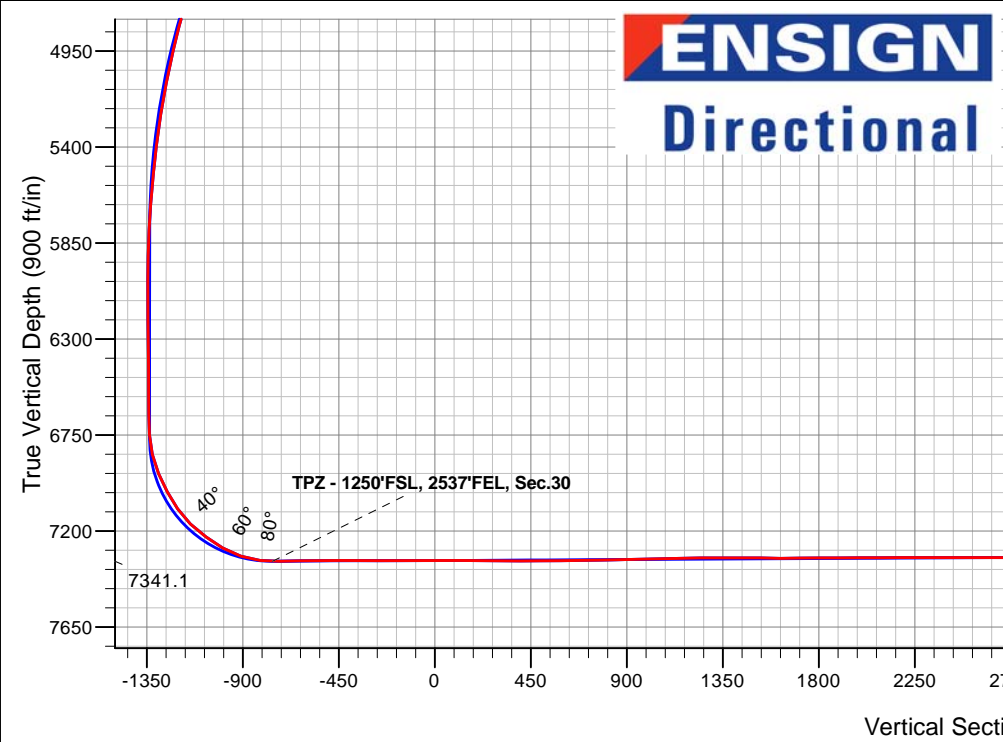
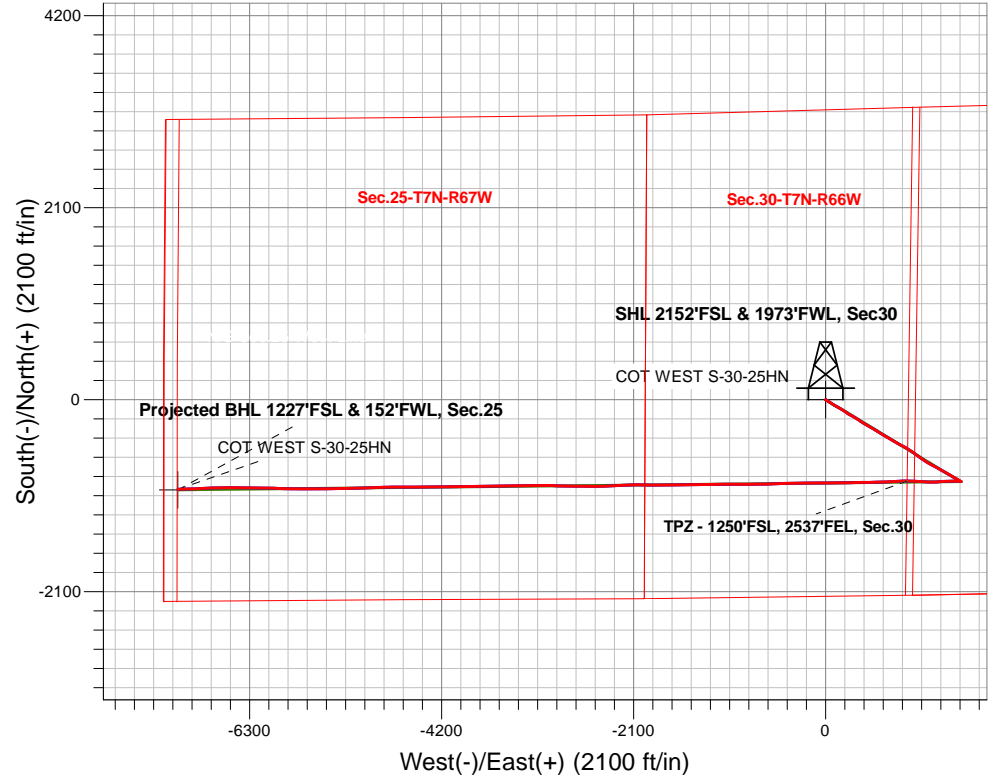
Surface Location: COT 30J Pad Sec.30-T7N-R66W
 North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
 Ground Elevation: 4946.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441718.16	3187616.82	40.543956	-104.824916	

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

FINAL SURVEY

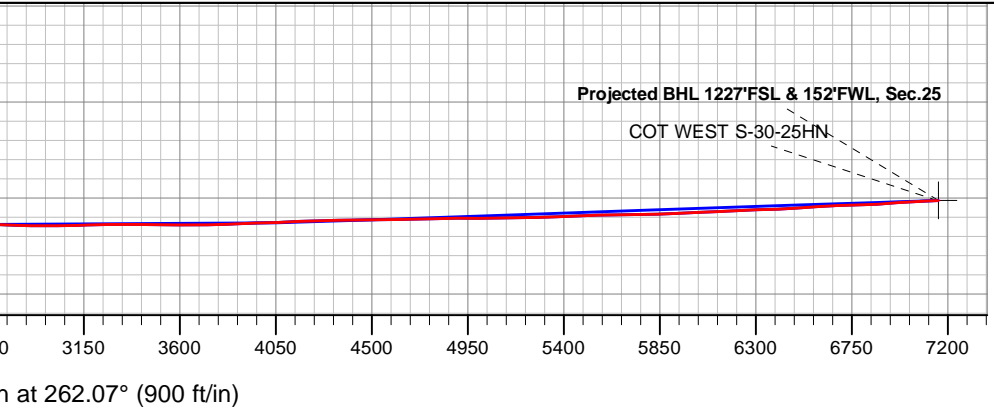
Projected Bottom Hole Location
15,966'MD 7211'TVD 980'S & 7085'W of SHL
92.51 degree Incl @ 268.58 degree AZM



COT 30J Pad Sec.30-T7N-R66W
 COT WEST S-30-25HN
 COT WEST S-30-25HN Wellbore #1
 7:08, March 16 2020

ANNOTATIONS			
TVD	MD	Annotation	
7341.1	7982.8	TPZ - 1250'FSL, 2537'FEL, Sec.30	

LEGEND	
	COT WEST S-30-25HN, COT WEST S-30-25HN Wellbore #1, Plan #4 (3-08-20) V0
	COT WEST S-30-25HN Wellbore #1
	Survey #1





Bayswater Exploration & Production, LLC

SEC.30-T7N-R66W

COT 30J Pad Sec.30-T7N-R66W

COT WEST S-30-25HN

COT WEST S-30-25HN Wellbore #1

Survey: Survey #1

Standard Survey Report

16 March, 2020



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST S-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 S-30-25HN	North Reference:	True
Wellbore:	COT WEST S-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST S-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 S-30-25HN					
Well Position	+N/-S	0.0 ft	Northing:	1,441,718.16 usft	Latitude:	40.543956
	+E/-W	0.0 ft	Easting:	3,187,616.82 usft	Longitude:	-104.824916
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,946.0 ft

Wellbore	COT WEST S-30-25HN Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	3/8/2020	7.90	66.87	52,222

Design	COT WEST S-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	262.07	

Survey Program	Date	3/16/2020			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
216.0	15,966.0	Survey #1 (COT WEST S-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	
216.0	0.70	158.04	216.0	-1.2	0.5	-0.3	0.32	0.32	0.00	
311.0	0.79	107.41	311.0	-2.0	1.3	-1.1	0.68	0.09	-53.29	
406.0	1.76	110.40	406.0	-2.7	3.3	-2.9	1.02	1.02	3.15	
500.0	2.29	115.15	499.9	-4.0	6.4	-5.8	0.59	0.56	5.05	
595.0	3.17	122.88	594.8	-6.2	10.3	-9.4	1.00	0.93	8.14	
690.0	4.04	122.00	689.6	-9.4	15.3	-13.9	0.92	0.92	-0.93	
784.0	5.01	126.40	783.3	-13.6	21.5	-19.4	1.10	1.03	4.68	
879.0	6.77	124.46	877.8	-19.2	29.4	-26.5	1.86	1.85	-2.04	
974.0	7.21	126.92	972.1	-26.0	38.8	-34.8	0.56	0.46	2.59	

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Wellbore:	COT WEST S-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST S-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)	
1,068.0	7.47	123.76	1,065.3	-32.9	48.6	-43.6	0.51	0.28	-3.36	
1,163.0	8.53	122.88	1,159.4	-40.2	59.6	-53.5	1.12	1.12	-0.93	
1,257.0	9.85	121.65	1,252.2	-48.2	72.3	-65.0	1.42	1.40	-1.31	
1,351.0	10.55	119.19	1,344.7	-56.6	86.7	-78.1	0.88	0.74	-2.62	
1,445.0	10.90	120.24	1,437.1	-65.3	101.9	-91.9	0.43	0.37	1.12	
1,524.0	11.08	118.31	1,514.6	-72.6	115.0	-103.9	0.52	0.23	-2.44	
1,663.0	11.43	116.88	1,650.9	-85.2	139.1	-126.0	0.32	0.25	-1.03	
1,758.0	12.75	120.58	1,743.8	-94.8	156.5	-141.9	1.61	1.39	3.89	
1,852.0	15.21	125.32	1,835.1	-107.2	175.5	-159.0	2.88	2.62	5.04	
1,947.0	16.53	124.27	1,926.4	-122.0	196.8	-178.1	1.42	1.39	-1.11	
2,042.0	18.38	123.74	2,017.1	-137.9	220.5	-199.3	1.95	1.95	-0.56	
2,136.0	20.84	122.51	2,105.6	-155.1	246.9	-223.1	2.65	2.62	-1.31	
2,231.0	23.30	117.41	2,193.6	-172.9	277.8	-251.3	3.28	2.59	-5.37	
2,326.0	25.68	120.40	2,280.1	-191.9	312.3	-282.8	2.82	2.51	3.15	
2,420.0	26.73	123.74	2,364.4	-214.0	347.4	-314.6	1.93	1.12	3.55	
2,515.0	26.03	122.33	2,449.5	-237.0	382.8	-346.4	0.99	-0.74	-1.48	
2,610.0	25.41	121.28	2,535.1	-258.7	417.8	-378.1	0.81	-0.65	-1.11	
2,705.0	24.89	120.75	2,621.1	-279.5	452.4	-409.5	0.60	-0.55	-0.56	
2,799.0	26.38	120.58	2,705.9	-300.3	487.4	-441.3	1.59	1.59	-0.18	
2,894.0	25.68	120.22	2,791.2	-321.4	523.4	-474.0	0.76	-0.74	-0.38	
2,989.0	25.06	120.22	2,877.1	-341.9	558.5	-506.0	0.65	-0.65	0.00	
3,083.0	26.38	121.63	2,961.7	-362.8	593.5	-537.8	1.55	1.40	1.50	
3,177.0	24.71	121.28	3,046.6	-384.0	628.1	-569.1	1.78	-1.78	-0.37	
3,272.0	26.29	121.45	3,132.3	-405.3	663.0	-600.8	1.66	1.66	0.18	
3,389.0	24.97	120.58	3,237.8	-431.4	706.4	-640.1	1.17	-1.13	-0.74	
3,483.0	25.85	121.28	3,322.7	-452.1	741.0	-671.5	0.99	0.94	0.74	
3,578.0	24.27	119.70	3,408.7	-472.5	775.6	-703.0	1.81	-1.66	-1.66	
3,673.0	25.76	118.29	3,494.8	-492.0	810.8	-735.2	1.69	1.57	-1.48	
3,767.0	24.36	116.18	3,580.0	-510.2	846.2	-767.7	1.77	-1.49	-2.24	
3,861.0	24.80	120.75	3,665.5	-528.9	880.5	-799.1	2.08	0.47	4.86	
3,956.0	25.32	123.74	3,751.5	-550.3	914.5	-829.9	1.44	0.55	3.15	
4,051.0	24.09	123.04	3,837.8	-572.2	947.7	-859.7	1.33	-1.29	-0.74	
4,146.0	26.73	126.38	3,923.6	-595.4	981.1	-889.6	3.16	2.78	3.52	
4,240.0	26.91	126.38	4,007.5	-620.6	1,015.3	-920.0	0.19	0.19	0.00	
4,335.0	27.00	126.90	4,092.2	-646.3	1,049.8	-950.6	0.27	0.09	0.55	
4,429.0	26.73	120.40	4,176.1	-669.8	1,085.1	-982.4	3.14	-0.29	-6.91	
4,523.0	25.06	119.52	4,260.6	-690.3	1,120.7	-1,014.8	1.82	-1.78	-0.94	
4,617.0	23.39	120.22	4,346.4	-709.5	1,154.1	-1,045.2	1.80	-1.78	0.74	
4,712.0	24.09	119.52	4,433.3	-728.6	1,187.3	-1,075.5	0.79	0.74	-0.74	
4,806.0	22.51	118.29	4,519.7	-746.5	1,219.9	-1,105.2	1.76	-1.68	-1.31	
4,900.0	21.63	118.11	4,606.8	-763.2	1,251.0	-1,133.7	0.94	-0.94	-0.19	
4,995.0	20.58	119.52	4,695.4	-779.7	1,281.0	-1,161.2	1.23	-1.11	1.48	
5,090.0	18.47	119.52	4,784.9	-795.4	1,308.6	-1,186.4	2.22	-2.22	0.00	
5,184.0	16.97	119.87	4,874.5	-809.5	1,333.4	-1,209.0	1.60	-1.60	0.37	

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Design:	COT WEST S-30-25HN Wellbore #1	Database:	US_EDM

Survey										
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5,279.0	15.92	119.70	4,965.6	-822.9	1,356.8	-1,230.3	1.11	-1.11	-0.18	
5,374.0	14.77	120.05	5,057.2	-835.4	1,378.6	-1,250.2	1.21	-1.21	0.37	
5,468.0	13.89	120.22	5,148.3	-847.1	1,398.7	-1,268.5	0.94	-0.94	0.18	
5,563.0	11.17	122.69	5,241.0	-857.8	1,416.3	-1,284.4	2.92	-2.86	2.60	
5,657.0	9.67	121.10	5,333.4	-866.8	1,430.7	-1,297.5	1.62	-1.60	-1.69	
5,752.0	8.27	118.82	5,427.3	-874.2	1,443.5	-1,309.2	1.52	-1.47	-2.40	
5,846.0	7.03	118.64	5,520.4	-880.2	1,454.5	-1,319.2	1.32	-1.32	-0.19	
5,941.0	6.16	120.93	5,614.8	-885.6	1,464.0	-1,327.8	0.96	-0.92	2.41	
6,036.0	5.36	122.16	5,709.3	-890.6	1,472.1	-1,335.2	0.85	-0.84	1.29	
6,130.0	3.17	118.47	5,803.1	-894.2	1,478.1	-1,340.6	2.35	-2.33	-3.93	
6,225.0	1.49	124.62	5,898.0	-896.1	1,481.4	-1,343.7	1.79	-1.77	6.47	
6,320.0	0.09	25.48	5,993.0	-896.8	1,482.5	-1,344.6	1.59	-1.47	-104.36	
6,414.0	0.44	312.53	6,087.0	-896.5	1,482.3	-1,344.4	0.45	0.37	-77.61	
6,509.0	0.35	322.02	6,182.0	-896.0	1,481.8	-1,344.1	0.12	-0.09	9.99	
6,603.0	0.18	300.75	6,276.0	-895.7	1,481.5	-1,343.8	0.21	-0.18	-22.63	
6,698.0	0.26	238.88	6,371.0	-895.7	1,481.2	-1,343.5	0.25	0.08	-65.13	
6,791.0	0.44	256.10	6,464.0	-895.9	1,480.7	-1,342.9	0.22	0.19	18.52	
6,886.0	0.62	247.31	6,559.0	-896.2	1,479.8	-1,342.1	0.21	0.19	-9.25	
6,980.0	0.62	224.11	6,653.0	-896.8	1,479.0	-1,341.2	0.27	0.00	-24.68	
7,074.0	3.61	288.10	6,746.9	-896.2	1,475.8	-1,338.1	3.60	3.18	68.07	
7,169.0	13.54	277.20	6,840.7	-893.9	1,461.9	-1,324.7	10.55	10.45	-11.47	
7,264.0	23.65	273.51	6,930.6	-891.3	1,431.8	-1,295.2	10.71	10.64	-3.88	
7,358.0	28.49	267.70	7,015.1	-891.1	1,390.6	-1,254.3	5.82	5.15	-6.18	
7,452.0	34.29	269.46	7,095.3	-892.2	1,341.6	-1,205.7	6.25	6.17	1.87	
7,546.0	46.08	265.24	7,167.0	-895.3	1,281.2	-1,145.5	12.87	12.54	-4.49	
7,641.0	54.26	266.83	7,227.8	-900.3	1,208.5	-1,072.7	8.71	8.61	1.67	
7,735.0	60.23	272.10	7,278.6	-900.9	1,129.5	-994.4	7.91	6.35	5.61	
7,830.0	71.14	274.03	7,317.7	-896.2	1,043.2	-909.6	11.63	11.48	2.03	
7,925.0	84.59	272.98	7,337.6	-890.5	950.7	-818.8	14.20	14.16	-1.11	
7,982.8	88.43	269.95	7,341.1	-889.1	893.0	-761.9	8.46	6.65	-5.24	
TPZ - 1250'FSL, 2537'FEL, Sec.30										
8,019.0	90.84	268.06	7,341.4	-889.7	856.9	-725.9	8.46	6.65	-5.22	
8,113.0	91.28	266.47	7,339.6	-894.2	763.0	-632.3	1.75	0.47	-1.69	
8,208.0	90.13	268.23	7,338.5	-898.6	668.1	-537.8	2.21	-1.21	1.85	
8,302.0	90.66	267.35	7,337.8	-902.2	574.2	-444.2	1.09	0.56	-0.94	
8,397.0	89.25	269.46	7,337.9	-904.8	479.2	-349.8	2.67	-1.48	2.22	
8,492.0	89.96	268.94	7,338.5	-906.2	384.2	-255.6	0.93	0.75	-0.55	
8,586.0	89.96	269.11	7,338.6	-907.8	290.2	-162.2	0.18	0.00	0.18	
8,680.0	90.48	269.29	7,338.2	-909.1	196.2	-69.0	0.59	0.55	0.19	
8,775.0	90.22	269.46	7,337.7	-910.1	101.3	25.3	0.33	-0.27	0.18	
8,869.0	89.96	269.64	7,337.5	-910.9	7.3	118.5	0.34	-0.28	0.19	
8,964.0	89.25	269.81	7,338.2	-911.3	-87.7	212.6	0.77	-0.75	0.18	
9,058.0	88.99	269.81	7,339.6	-911.6	-181.7	305.7	0.28	-0.28	0.00	

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9,153.0	90.57	269.46	7,340.0	-912.2	-276.7	399.9	1.70	1.66	-0.37
9,247.0	89.69	267.88	7,339.8	-914.4	-370.7	493.3	1.92	-0.94	-1.68
9,342.0	91.01	268.58	7,339.2	-917.3	-465.6	587.7	1.57	1.39	0.74
9,436.0	91.36	268.06	7,337.2	-920.1	-559.6	681.1	0.67	0.37	-0.55
9,531.0	90.92	267.88	7,335.3	-923.5	-654.5	775.6	0.50	-0.46	-0.19
9,626.0	90.57	269.81	7,334.1	-925.4	-749.5	869.9	2.06	-0.37	2.03
9,721.0	91.36	269.46	7,332.5	-926.0	-844.5	964.1	0.91	0.83	-0.37
9,815.0	91.98	268.76	7,329.8	-927.4	-938.4	1,057.4	0.99	0.66	-0.74
9,910.0	90.57	270.87	7,327.7	-927.8	-1,033.4	1,151.5	2.67	-1.48	2.22
10,004.0	91.28	269.99	7,326.1	-927.0	-1,127.4	1,244.4	1.20	0.76	-0.94
10,099.0	89.16	270.17	7,325.8	-926.9	-1,222.3	1,338.5	2.24	-2.23	0.19
10,193.0	90.66	269.99	7,325.9	-926.8	-1,316.3	1,431.6	1.61	1.60	-0.19
10,288.0	88.99	269.11	7,326.2	-927.5	-1,411.3	1,525.8	1.99	-1.76	-0.93
10,383.0	89.52	268.23	7,327.5	-929.7	-1,506.3	1,620.1	1.08	0.56	-0.93
10,477.0	91.19	268.58	7,326.9	-932.4	-1,600.3	1,713.6	1.82	1.78	0.37
10,572.0	89.52	269.29	7,326.3	-934.1	-1,695.2	1,807.9	1.91	-1.76	0.75
10,667.0	90.84	269.99	7,326.0	-934.7	-1,790.2	1,902.0	1.57	1.39	0.74
10,762.0	90.04	270.52	7,325.3	-934.3	-1,885.2	1,996.1	1.01	-0.84	0.56
10,856.0	90.48	271.22	7,324.8	-932.9	-1,979.2	2,089.0	0.88	0.47	0.74
10,951.0	90.22	270.17	7,324.2	-931.7	-2,074.2	2,182.9	1.14	-0.27	-1.11
11,045.0	90.13	267.18	7,324.0	-933.9	-2,168.2	2,276.3	3.18	-0.10	-3.18
11,140.0	89.69	267.18	7,324.1	-938.6	-2,263.1	2,370.9	0.46	-0.46	0.00
11,234.0	90.48	266.12	7,324.0	-944.1	-2,356.9	2,464.6	1.41	0.84	-1.13
11,329.0	89.16	269.29	7,324.3	-947.9	-2,451.8	2,559.1	3.61	-1.39	3.34
11,423.0	91.19	269.64	7,324.0	-948.7	-2,545.8	2,652.3	2.19	2.16	0.37
11,518.0	88.37	270.69	7,324.3	-948.5	-2,640.8	2,746.4	3.17	-2.97	1.11
11,612.0	87.85	270.52	7,327.4	-947.5	-2,734.7	2,839.3	0.58	-0.55	-0.18
11,707.0	89.60	271.92	7,329.6	-945.4	-2,829.7	2,933.0	2.36	1.84	1.47
11,802.0	90.40	271.75	7,329.6	-942.4	-2,924.6	3,026.7	0.86	0.84	-0.18
11,896.0	92.07	271.04	7,327.5	-940.1	-3,018.6	3,119.4	1.93	1.78	-0.76
11,990.0	91.98	270.34	7,324.2	-939.0	-3,112.5	3,212.3	0.75	-0.10	-0.74
12,085.0	89.25	269.46	7,323.2	-939.1	-3,207.5	3,306.4	3.02	-2.87	-0.93
12,179.0	89.43	268.76	7,324.3	-940.6	-3,301.5	3,399.7	0.77	0.19	-0.74
12,274.0	90.04	269.29	7,324.7	-942.2	-3,396.5	3,494.0	0.85	0.64	0.56
12,368.0	89.34	269.11	7,325.2	-943.5	-3,490.4	3,587.2	0.77	-0.74	-0.19
12,462.0	90.31	267.35	7,325.5	-946.4	-3,584.4	3,680.7	2.14	1.03	-1.87
12,556.0	91.98	270.17	7,323.6	-948.5	-3,678.3	3,774.0	3.49	1.78	3.00
12,651.0	91.98	270.17	7,320.3	-948.2	-3,773.3	3,868.0	0.00	0.00	0.00
12,745.0	91.89	269.64	7,317.2	-948.4	-3,867.2	3,961.1	0.57	-0.10	-0.56
12,839.0	92.15	269.11	7,313.9	-949.4	-3,961.2	4,054.2	0.63	0.28	-0.56
12,934.0	92.42	267.53	7,310.1	-952.2	-4,056.0	4,148.6	1.69	0.28	-1.66
13,028.0	91.89	268.94	7,306.5	-955.1	-4,149.9	4,242.0	1.60	-0.56	1.50
13,123.0	91.01	270.17	7,304.1	-955.8	-4,244.9	4,336.2	1.59	-0.93	1.29
13,218.0	91.71	270.34	7,301.9	-955.4	-4,339.9	4,430.2	0.76	0.74	0.18

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST S-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 S-30-25HN	North Reference:	True
Wellbore:	COT WEST S-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST S-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)	
13,312.0	89.43	270.34	7,300.9	-954.8	-4,433.9	4,523.2	2.43	-2.43	0.00	
13,407.0	90.66	269.81	7,300.9	-954.7	-4,528.8	4,617.2	1.41	1.29	-0.56	
13,502.0	91.54	269.46	7,299.0	-955.3	-4,623.8	4,711.4	1.00	0.93	-0.37	
13,596.0	91.89	269.64	7,296.2	-956.0	-4,717.8	4,804.6	0.42	0.37	0.19	
13,691.0	90.04	267.88	7,294.6	-958.1	-4,812.7	4,898.9	2.69	-1.95	-1.85	
13,785.0	89.60	268.06	7,294.9	-961.4	-4,906.7	4,992.4	0.51	-0.47	0.19	
13,880.0	91.71	268.58	7,293.8	-964.2	-5,001.6	5,086.8	2.29	2.22	0.55	
13,975.0	90.40	268.06	7,292.1	-967.0	-5,096.6	5,181.2	1.48	-1.38	-0.55	
14,070.0	91.45	268.76	7,290.6	-969.6	-5,191.5	5,275.6	1.33	1.11	0.74	
14,164.0	92.42	268.76	7,287.4	-971.6	-5,285.4	5,368.9	1.03	1.03	0.00	
14,258.0	92.59	268.94	7,283.3	-973.5	-5,379.3	5,462.2	0.26	0.18	0.19	
14,353.0	91.54	269.29	7,279.9	-975.0	-5,474.3	5,556.4	1.16	-1.11	0.37	
14,447.0	90.48	269.46	7,278.2	-976.0	-5,568.2	5,649.6	1.14	-1.13	0.18	
14,542.0	90.31	270.69	7,277.5	-975.9	-5,663.2	5,743.7	1.31	-0.18	1.29	
14,636.0	91.89	269.99	7,275.7	-975.3	-5,757.2	5,836.7	1.84	1.68	-0.74	
14,730.0	93.21	271.04	7,271.6	-974.5	-5,851.1	5,929.6	1.79	1.40	1.12	
14,825.0	92.24	272.28	7,267.0	-971.8	-5,946.0	6,023.2	1.66	-1.02	1.31	
14,920.0	92.15	271.22	7,263.4	-968.9	-6,040.8	6,116.7	1.12	-0.09	-1.12	
15,015.0	93.12	271.04	7,259.0	-967.0	-6,135.7	6,210.5	1.04	1.02	-0.19	
15,109.0	92.15	270.52	7,254.7	-965.7	-6,229.6	6,303.3	1.17	-1.03	-0.55	
15,204.0	91.54	272.10	7,251.7	-963.5	-6,324.5	6,397.0	1.78	-0.64	1.66	
15,298.0	94.35	269.81	7,246.8	-962.0	-6,418.4	6,489.7	3.85	2.99	-2.44	
15,393.0	94.00	270.52	7,239.9	-961.7	-6,513.1	6,583.5	0.83	-0.37	0.75	
15,488.0	91.80	267.88	7,235.1	-963.0	-6,608.0	6,677.7	3.61	-2.32	-2.78	
15,583.0	91.10	267.88	7,232.7	-966.5	-6,702.9	6,772.1	0.74	-0.74	0.00	
15,677.0	94.09	267.88	7,228.4	-970.0	-6,796.7	6,865.5	3.18	3.18	0.00	
15,772.0	93.83	267.53	7,221.9	-973.8	-6,891.4	6,959.9	0.46	-0.27	-0.37	
15,867.0	93.21	268.06	7,216.0	-977.4	-6,986.2	7,054.2	0.86	-0.65	0.56	
15,906.0	92.51	268.58	7,214.1	-978.6	-7,025.1	7,092.9	2.23	-1.79	1.33	
15,966.0	92.51	268.58	7,211.5	-980.1	-7,085.0	7,152.5	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 2152'FSL & 1973'F1 - hit/miss target - Shape - survey hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,718.17	3,187,616.82	40.543956	-104.824916	
Projected BHL 1227'FSL - survey misses target center by 7.3ft at 15966.0ft MD (7211.5 TVD, -980.1 N, -7085.0 E) - Point	0.00	0.00	7,211.0	-987.0	-7,087.2	1,440,677.26	3,180,537.60	40.541244	-104.850415	

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

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,982.8	7,341.1	-889.1	893.0	TPZ - 1250'FSL, 2537'FEL, Sec.30

Checked By: _____ Approved By: _____ Date: _____