

Bayswater Exploration & Production, LLC

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

Surface Location: COT 30J Pad Sec.30-T7N-R66W

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

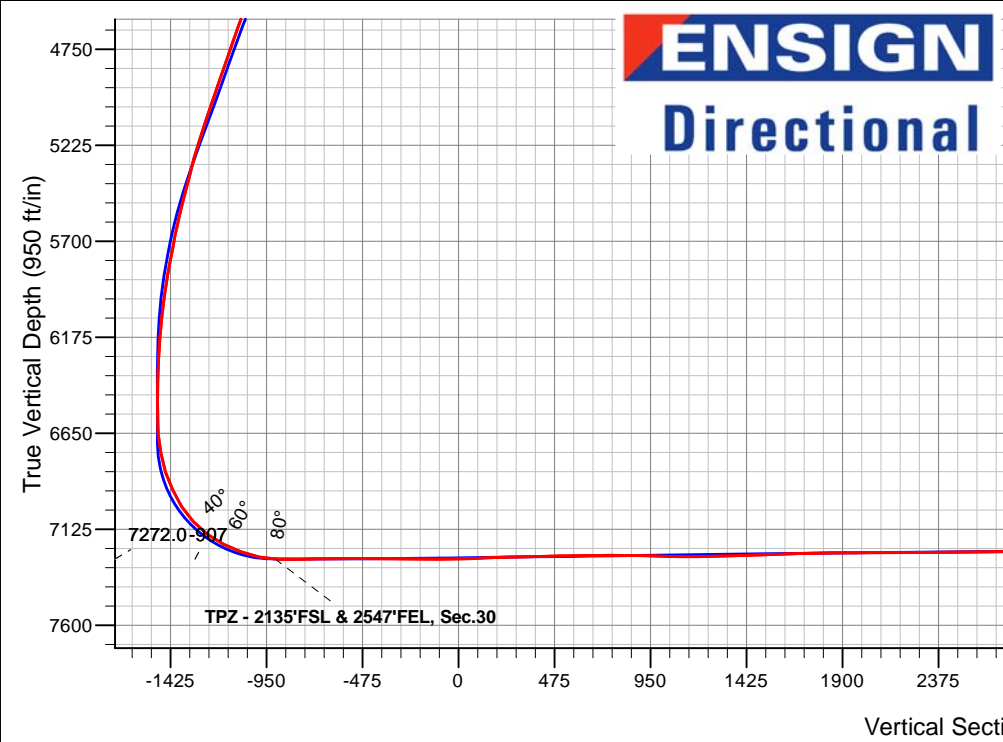
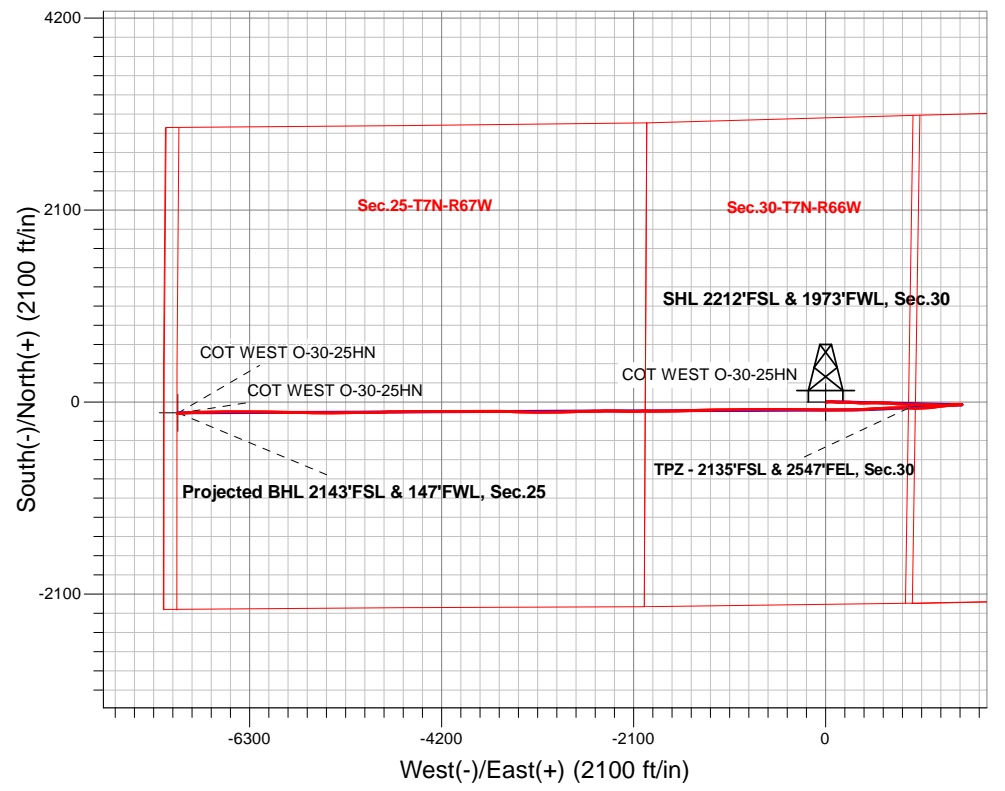
Ground Elevation: 4946.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1441777.90	3187616.64	40.544120	-104.824915	

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

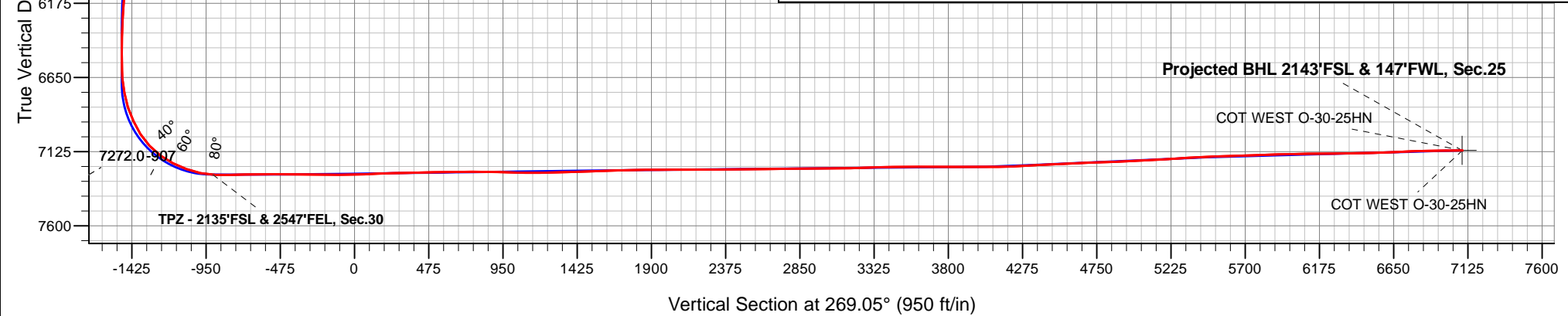
FINAL SURVEY

Projected Bottom Hole Location
15,822'MD 7116'TVD 124'S & 7089'W of SHL
90.48 degree Incl @ 266.47 degree AZM



COT 30J Pad Sec.30-T7N-R66W COT WEST O-30-25HN COT WEST O-30-25HN Wellbore #1 9:37, April 07 2020	ANNOTATIONS		
	TVD	MD	Annotation
	7272.0	7819.2	TPZ - 2135'FSL & 2547'FEL, Sec.30

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





Bayswater Exploration & Production, LLC

SEC.30-T7N-R66W

COT 30J Pad Sec.30-T7N-R66W

COT WEST O-30-25HN

COT WEST O-30-25HN Wellbore #1

Survey: Survey #1

Standard Survey Report

07 April, 2020



Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST O-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 O-30-25HN	North Reference:	True
Wellbore:	COT WEST O-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST O-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 O-30-25HN					
Well Position	+N/-S	0.0 ft	Northing:	1,441,777.90 usft	Latitude:	40.544120
	+E/-W	0.0 ft	Easting:	3,187,616.64 usft	Longitude:	-104.824915
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,946.0 ft

Wellbore	COT WEST O-30-25HN Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	03/30/2020	7.90	66.87	52,216

Design	COT WEST O-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		269.05

Survey Program	Date	04/07/2020			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
311.0	15,822.0	Survey #1 (COT WEST O-30-25HN Wellb	MWD	MWD - Standard	

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
311.0	0.44	1.06	311.0	1.2	0.0	0.0	0.14	0.14	0.00
406.0	0.79	331.60	406.0	2.1	-0.3	0.2	0.49	0.37	-31.01
501.0	0.88	331.01	501.0	3.3	-0.9	0.9	0.10	0.09	-0.62
596.0	1.41	336.46	596.0	5.1	-1.8	1.7	0.57	0.56	5.74
691.0	0.44	335.05	690.9	6.5	-2.4	2.3	1.02	-1.02	-1.48
785.0	1.58	136.24	784.9	5.9	-1.6	1.5	2.13	1.21	171.48
880.0	2.37	134.66	879.9	3.5	0.7	-0.7	0.83	0.83	-1.66
974.0	2.64	105.48	973.8	1.6	4.1	-4.2	1.37	0.29	-31.04
1,069.0	3.87	81.92	1,068.6	1.4	9.4	-9.4	1.89	1.29	-24.80

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Site:	COT 30J Pad Sec.30-T7N-R66W	MD Reference:	WELL @ 4971.0ft (Original Well Elev)
Well:	COT WEST O-30-25HN	North Reference:	True
Wellbore:	COT WEST O-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST O-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	5.45	85.44	1,163.3	2.3	17.1	-17.1	1.69	1.66	3.71	
1,259.0	5.72	84.03	1,257.9	3.1	26.3	-26.3	0.32	0.28	-1.48	
1,354.0	5.89	81.40	1,352.4	4.3	35.8	-35.9	0.33	0.18	-2.77	
1,449.0	5.89	90.89	1,446.9	5.0	45.5	-45.6	1.02	0.00	9.99	
1,520.0	5.98	90.89	1,517.5	4.9	52.8	-52.9	0.13	0.13	0.00	
1,665.0	7.30	92.98	1,661.5	4.3	69.6	-69.7	0.93	0.91	1.44	
1,760.0	8.62	93.15	1,755.6	3.6	82.7	-82.8	1.39	1.39	0.18	
1,854.0	10.64	96.32	1,848.3	2.2	98.4	-98.4	2.22	2.15	3.37	
1,949.0	11.87	93.15	1,941.5	0.7	116.9	-116.9	1.45	1.29	-3.34	
2,043.0	13.89	92.98	2,033.1	-0.4	137.8	-137.8	2.15	2.15	-0.18	
2,138.0	15.74	89.46	2,124.9	-0.9	162.1	-162.0	2.16	1.95	-3.71	
2,233.0	17.23	90.17	2,216.0	-0.8	189.0	-189.0	1.58	1.57	0.75	
2,326.0	19.08	90.52	2,304.4	-1.0	218.0	-218.0	1.99	1.99	0.38	
2,420.0	20.22	89.64	2,392.9	-1.0	249.6	-249.6	1.25	1.21	-0.94	
2,515.0	20.84	94.21	2,481.9	-2.1	282.9	-282.8	1.81	0.65	4.81	
2,610.0	20.22	93.86	2,570.9	-4.5	316.1	-316.0	0.67	-0.65	-0.37	
2,705.0	21.90	94.21	2,659.5	-6.9	350.2	-350.0	1.77	1.77	0.37	
2,799.0	21.19	94.21	2,746.9	-9.4	384.6	-384.4	0.76	-0.76	0.00	
2,893.0	22.60	88.94	2,834.2	-10.3	419.6	-419.4	2.57	1.50	-5.61	
2,988.0	22.07	88.58	2,922.0	-9.6	455.7	-455.5	0.58	-0.56	-0.38	
3,082.0	20.75	88.23	3,009.5	-8.6	490.0	-489.8	1.41	-1.40	-0.37	
3,177.0	19.17	87.88	3,098.8	-7.5	522.4	-522.2	1.67	-1.66	-0.37	
3,271.0	20.40	90.52	3,187.3	-7.1	554.2	-554.0	1.62	1.31	2.81	
3,390.0	18.55	89.11	3,299.5	-7.0	593.9	-593.7	1.60	-1.55	-1.18	
3,484.0	19.17	92.98	3,388.4	-7.6	624.2	-624.0	1.48	0.66	4.12	
3,578.0	20.49	93.15	3,476.9	-9.3	656.1	-655.8	1.41	1.40	0.18	
3,673.0	18.64	91.22	3,566.4	-10.5	687.9	-687.6	2.06	-1.95	-2.03	
3,767.0	19.79	94.21	3,655.1	-12.0	718.8	-718.5	1.61	1.22	3.18	
3,862.0	21.02	95.79	3,744.2	-14.9	751.8	-751.4	1.42	1.29	1.66	
3,956.0	19.87	95.44	3,832.2	-18.1	784.4	-784.0	1.23	-1.22	-0.37	
4,051.0	22.34	93.51	3,920.9	-20.7	818.5	-818.1	2.70	2.60	-2.03	
4,145.0	22.34	92.28	4,007.8	-22.5	854.2	-853.7	0.50	0.00	-1.31	
4,240.0	22.34	91.22	4,095.7	-23.6	890.3	-889.8	0.42	0.00	-1.12	
4,335.0	21.63	89.99	4,183.8	-24.0	925.9	-925.3	0.89	-0.75	-1.29	
4,429.0	19.70	88.76	4,271.7	-23.7	959.0	-958.5	2.10	-2.05	-1.31	
4,523.0	21.19	90.69	4,359.8	-23.5	991.9	-991.3	1.74	1.59	2.05	
4,618.0	19.87	89.64	4,448.8	-23.6	1,025.2	-1,024.6	1.44	-1.39	-1.11	
4,713.0	18.47	88.58	4,538.5	-23.2	1,056.4	-1,055.8	1.52	-1.47	-1.12	
4,808.0	19.70	93.15	4,628.3	-23.7	1,087.4	-1,086.9	2.04	1.29	4.81	
4,903.0	18.73	92.10	4,718.0	-25.1	1,118.6	-1,118.1	1.08	-1.02	-1.11	
4,997.0	19.61	93.33	4,806.8	-26.6	1,149.5	-1,148.9	1.03	0.94	1.31	
5,092.0	18.47	92.45	4,896.6	-28.2	1,180.4	-1,179.8	1.24	-1.20	-0.93	
5,187.0	19.43	94.38	4,986.4	-30.0	1,211.2	-1,210.5	1.21	1.01	2.03	
5,282.0	18.55	92.98	5,076.3	-32.0	1,242.0	-1,241.3	1.04	-0.93	-1.47	

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5,377.0	18.11	91.22	5,166.4	-33.1	1,271.9	-1,271.2	0.74	-0.46	-1.85	
5,471.0	16.36	89.99	5,256.2	-33.4	1,299.7	-1,299.0	1.90	-1.86	-1.31	
5,566.0	14.33	88.76	5,347.8	-33.1	1,324.9	-1,324.2	2.16	-2.14	-1.29	
5,660.0	14.42	89.99	5,438.9	-32.9	1,348.2	-1,347.5	0.34	0.10	1.31	
5,755.0	13.98	90.69	5,531.0	-33.0	1,371.5	-1,370.8	0.50	-0.46	0.74	
5,849.0	12.31	88.76	5,622.5	-33.0	1,392.9	-1,392.2	1.84	-1.78	-2.05	
5,944.0	10.82	86.47	5,715.6	-32.2	1,411.9	-1,411.2	1.64	-1.57	-2.41	
6,039.0	10.99	86.12	5,808.9	-31.0	1,429.9	-1,429.1	0.19	0.18	-0.37	
6,133.0	8.53	85.60	5,901.5	-29.9	1,445.7	-1,445.1	2.62	-2.62	-0.55	
6,228.0	7.12	84.36	5,995.6	-28.8	1,458.6	-1,458.0	1.49	-1.48	-1.31	
6,323.0	6.51	84.01	6,089.9	-27.6	1,469.8	-1,469.2	0.64	-0.64	-0.37	
6,417.0	4.31	85.95	6,183.5	-26.8	1,478.7	-1,478.0	2.35	-2.34	2.06	
6,512.0	2.55	96.32	6,278.3	-26.8	1,484.3	-1,483.7	1.96	-1.85	10.92	
6,606.0	1.41	73.82	6,372.3	-26.7	1,487.5	-1,486.9	1.45	-1.21	-23.94	
6,701.0	0.53	117.24	6,467.3	-26.6	1,489.0	-1,488.4	1.15	-0.93	45.71	
6,794.0	0.44	108.80	6,560.3	-26.9	1,489.8	-1,489.1	0.12	-0.10	-9.08	
6,889.0	4.92	261.73	6,655.2	-27.6	1,486.1	-1,485.4	5.60	4.72	160.98	
6,983.0	10.55	276.67	6,748.3	-27.2	1,473.5	-1,472.9	6.31	5.99	15.89	
7,078.0	18.11	274.21	6,840.2	-25.1	1,450.1	-1,449.5	7.98	7.96	-2.59	
7,173.0	24.97	261.73	6,928.6	-26.9	1,415.5	-1,414.9	8.65	7.22	-13.14	
7,268.0	32.54	264.19	7,011.8	-32.4	1,370.2	-1,369.4	8.06	7.97	2.59	
7,363.0	42.91	264.36	7,086.9	-38.1	1,312.4	-1,311.6	10.92	10.92	0.18	
7,457.0	53.82	262.43	7,149.2	-46.3	1,242.7	-1,241.8	11.71	11.61	-2.05	
7,552.0	63.14	262.26	7,198.8	-57.1	1,162.6	-1,161.5	9.81	9.81	-0.18	
7,646.0	70.08	266.83	7,236.2	-65.2	1,076.8	-1,075.5	8.62	7.38	4.86	
7,741.0	78.35	271.40	7,262.0	-66.5	985.5	-984.2	9.86	8.71	4.81	
7,819.2	86.96	272.27	7,272.0	-64.0	908.0	-906.8	11.07	11.01	1.11	
TPZ - 2135'FSL & 2547'FEL, Sec.30										
7,836.0	88.81	272.45	7,272.6	-63.4	891.2	-890.1	11.07	11.01	1.09	
7,930.0	91.01	270.17	7,272.7	-61.2	797.3	-796.2	3.37	2.34	-2.43	
8,024.0	90.84	267.35	7,271.2	-63.2	703.3	-702.2	3.01	-0.18	-3.00	
8,119.0	91.19	267.18	7,269.5	-67.8	608.4	-607.2	0.41	0.37	-0.18	
8,214.0	89.43	266.47	7,269.0	-73.0	513.6	-512.3	2.00	-1.85	-0.75	
8,308.0	90.04	265.60	7,269.5	-79.5	419.8	-418.4	1.13	0.65	-0.93	
8,403.0	88.46	268.06	7,270.7	-84.8	325.0	-323.5	3.08	-1.66	2.59	
8,497.0	89.69	270.17	7,272.2	-86.2	231.0	-229.6	2.60	1.31	2.24	
8,592.0	89.87	270.52	7,272.6	-85.7	136.0	-134.6	0.41	0.19	0.37	
8,686.0	91.54	271.04	7,271.4	-84.4	42.0	-40.6	1.86	1.78	0.55	
8,781.0	91.89	270.17	7,268.6	-83.4	-52.9	54.3	0.99	0.37	-0.92	
8,876.0	92.42	269.99	7,265.0	-83.3	-147.8	149.2	0.59	0.56	-0.19	
8,970.0	90.75	270.52	7,262.4	-82.8	-241.8	243.1	1.86	-1.78	0.56	
9,065.0	91.36	271.04	7,260.7	-81.5	-336.8	338.1	0.84	0.64	0.55	
9,159.0	91.10	270.69	7,258.7	-80.1	-430.7	432.0	0.46	-0.28	-0.37	

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9,254.0	91.98	270.69	7,256.1	-79.0	-525.7	526.9	0.93	0.93	0.00
9,348.0	90.84	269.29	7,253.8	-79.0	-619.7	620.9	1.92	-1.21	-1.49
9,443.0	89.69	269.64	7,253.3	-79.9	-714.7	715.9	1.27	-1.21	0.37
9,536.0	89.69	269.81	7,253.8	-80.3	-807.7	808.9	0.18	0.00	0.18
9,631.0	88.99	269.11	7,254.9	-81.2	-902.7	903.9	1.04	-0.74	-0.74
9,726.0	88.02	269.11	7,257.4	-82.7	-997.6	998.8	1.02	-1.02	0.00
9,820.0	89.52	269.99	7,259.4	-83.4	-1,091.6	1,092.8	1.85	1.60	0.94
9,915.0	90.92	268.76	7,259.1	-84.5	-1,186.6	1,187.8	1.96	1.47	-1.29
10,010.0	90.40	268.41	7,258.0	-86.8	-1,281.5	1,282.8	0.66	-0.55	-0.37
10,105.0	92.07	269.29	7,255.9	-88.7	-1,376.5	1,377.8	1.99	1.76	0.93
10,200.0	92.33	268.58	7,252.3	-90.5	-1,471.4	1,472.7	0.80	0.27	-0.75
10,295.0	92.95	267.88	7,247.9	-93.4	-1,566.3	1,567.6	0.98	0.65	-0.74
10,389.0	91.36	268.76	7,244.4	-96.2	-1,660.1	1,661.5	1.93	-1.69	0.94
10,484.0	90.31	269.99	7,243.0	-97.2	-1,755.1	1,756.5	1.70	-1.11	1.29
10,579.0	91.19	269.81	7,241.7	-97.4	-1,850.1	1,851.5	0.95	0.93	-0.19
10,673.0	90.48	270.69	7,240.4	-97.0	-1,944.1	1,945.4	1.20	-0.76	0.94
10,767.0	90.31	268.58	7,239.7	-97.6	-2,038.1	2,039.4	2.25	-0.18	-2.24
10,862.0	89.78	268.41	7,239.7	-100.1	-2,133.1	2,134.4	0.59	-0.56	-0.18
10,957.0	90.31	272.28	7,239.6	-99.5	-2,228.0	2,229.4	4.11	0.56	4.07
11,052.0	90.57	271.40	7,238.8	-96.4	-2,323.0	2,324.3	0.97	0.27	-0.93
11,146.0	90.22	267.88	7,238.2	-97.0	-2,417.0	2,418.2	3.76	-0.37	-3.74
11,240.0	90.92	270.34	7,237.3	-98.5	-2,510.9	2,512.2	2.72	0.74	2.62
11,335.0	90.31	268.06	7,236.2	-99.8	-2,605.9	2,607.2	2.48	-0.64	-2.40
11,429.0	90.92	269.46	7,235.2	-101.8	-2,699.9	2,701.2	1.62	0.65	1.49
11,524.0	90.31	267.35	7,234.2	-104.5	-2,794.8	2,796.2	2.31	-0.64	-2.22
11,619.0	90.75	268.76	7,233.3	-107.7	-2,889.8	2,891.2	1.55	0.46	1.48
11,713.0	90.48	269.11	7,232.3	-109.5	-2,983.8	2,985.2	0.47	-0.29	0.37
11,808.0	90.57	269.29	7,231.5	-110.8	-3,078.7	3,080.2	0.21	0.09	0.19
11,903.0	91.54	271.22	7,229.7	-110.4	-3,173.7	3,175.1	2.27	1.02	2.03
11,997.0	91.54	272.10	7,227.2	-107.6	-3,267.7	3,269.0	0.94	0.00	0.94
12,092.0	92.07	271.57	7,224.2	-104.6	-3,362.6	3,363.8	0.79	0.56	-0.56
12,186.0	90.92	271.75	7,221.7	-101.9	-3,456.5	3,457.7	1.24	-1.22	0.19
12,281.0	89.78	270.69	7,221.2	-99.9	-3,551.5	3,552.6	1.64	-1.20	-1.12
12,375.0	90.04	269.81	7,221.3	-99.4	-3,645.5	3,646.6	0.98	0.28	-0.94
12,470.0	90.13	270.17	7,221.2	-99.5	-3,740.5	3,741.6	0.39	0.09	0.38
12,564.0	89.96	269.64	7,221.1	-99.6	-3,834.5	3,835.6	0.59	-0.18	-0.56
12,658.0	89.87	269.46	7,221.2	-100.4	-3,928.5	3,929.6	0.21	-0.10	-0.19
12,753.0	89.52	268.76	7,221.7	-101.8	-4,023.4	4,024.6	0.82	-0.37	-0.74
12,848.0	90.40	269.81	7,221.8	-103.0	-4,118.4	4,119.6	1.44	0.93	1.11
12,942.0	91.98	270.52	7,219.9	-102.7	-4,212.4	4,213.5	1.84	1.68	0.76
13,037.0	93.65	270.17	7,215.2	-102.2	-4,307.3	4,308.4	1.80	1.76	-0.37
13,131.0	94.00	269.99	7,208.9	-102.0	-4,401.1	4,402.2	0.42	0.37	-0.19
13,226.0	92.51	269.29	7,203.5	-102.6	-4,495.9	4,497.0	1.73	-1.57	-0.74
13,320.0	92.59	269.29	7,199.3	-103.8	-4,589.8	4,590.9	0.09	0.09	0.00

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT WEST O-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 O-30-25HN	North Reference:	True
Wellbore:	COT WEST O-30-25HN Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT WEST O-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)
13,415.0	91.54	268.76	7,195.9	-105.4	-4,684.7	4,685.8	1.24	-1.11	-0.56
13,509.0	91.89	268.94	7,193.1	-107.3	-4,778.7	4,779.8	0.42	0.37	0.19
13,604.0	93.12	267.88	7,189.0	-109.9	-4,873.5	4,874.7	1.71	1.29	-1.12
13,699.0	92.77	269.64	7,184.1	-112.0	-4,968.4	4,969.6	1.89	-0.37	1.85
13,793.0	92.33	269.64	7,179.9	-112.6	-5,062.3	5,063.5	0.47	-0.47	0.00
13,888.0	93.39	269.64	7,175.1	-113.2	-5,157.2	5,158.3	1.12	1.12	0.00
13,982.0	93.47	268.94	7,169.5	-114.3	-5,251.0	5,252.2	0.75	0.09	-0.74
14,076.0	94.00	268.23	7,163.4	-116.7	-5,344.8	5,346.0	0.94	0.56	-0.76
14,171.0	92.95	269.64	7,157.6	-118.4	-5,439.6	5,440.8	1.85	-1.11	1.48
14,265.0	91.54	271.75	7,154.0	-117.3	-5,533.5	5,534.7	2.70	-1.50	2.24
14,360.0	91.71	271.04	7,151.3	-115.0	-5,628.4	5,629.6	0.77	0.18	-0.75
14,454.0	91.63	270.87	7,148.5	-113.4	-5,722.4	5,723.5	0.20	-0.09	-0.18
14,549.0	92.51	271.04	7,145.1	-111.8	-5,817.3	5,818.3	0.94	0.93	0.18
14,643.0	91.28	271.22	7,142.0	-110.0	-5,911.2	5,912.2	1.32	-1.31	0.19
14,738.0	91.28	270.87	7,139.9	-108.2	-6,006.2	6,007.2	0.37	0.00	-0.37
14,832.0	90.66	270.52	7,138.3	-107.1	-6,100.2	6,101.1	0.76	-0.66	-0.37
14,927.0	90.66	269.81	7,137.2	-106.8	-6,195.2	6,196.1	0.75	0.00	-0.75
15,022.0	90.57	270.17	7,136.2	-106.8	-6,290.1	6,291.1	0.39	-0.09	0.38
15,116.0	90.31	269.81	7,135.4	-106.9	-6,384.1	6,385.0	0.47	-0.28	-0.38
15,211.0	91.54	269.99	7,133.9	-107.0	-6,479.1	6,480.0	1.31	1.29	0.19
15,305.0	92.51	270.17	7,130.6	-106.9	-6,573.1	6,573.9	1.05	1.03	0.19
15,400.0	93.21	269.81	7,125.8	-106.9	-6,668.0	6,668.8	0.83	0.74	-0.38
15,495.0	91.63	268.58	7,121.8	-108.2	-6,762.9	6,763.7	2.11	-1.66	-1.29
15,589.0	91.10	267.88	7,119.6	-111.1	-6,856.8	6,857.7	0.93	-0.56	-0.74
15,684.0	91.01	267.00	7,117.8	-115.4	-6,951.7	6,952.6	0.93	-0.09	-0.93
15,762.0	90.48	266.47	7,116.8	-119.8	-7,029.5	7,030.6	0.96	-0.68	-0.68
15,822.0	90.48	266.47	7,116.3	-123.5	-7,089.4	7,090.5	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 2212'FSL & 1973'F ¹ - hit/miss target - Shape - Point	0.00	0.00	1.0	0.0	0.0	1,441,777.91	3,187,616.64	40.544120	-104.824915
BHL 2150'FSL & 150'FW - survey misses target center by 6.4ft at 15818.8ft MD (7116.4 TVD, -123.3 N, -7086.2 E) - Point	0.00	0.00	7,116.0	-116.9	-7,086.6	1,441,607.06	3,180,531.36	40.543796	-104.850413

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

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,819.2	7,272.0	-64.0	908.0	TPZ - 2135'FSL & 2547'FEL, Sec.30

Checked By: _____ Approved By: _____ Date: _____