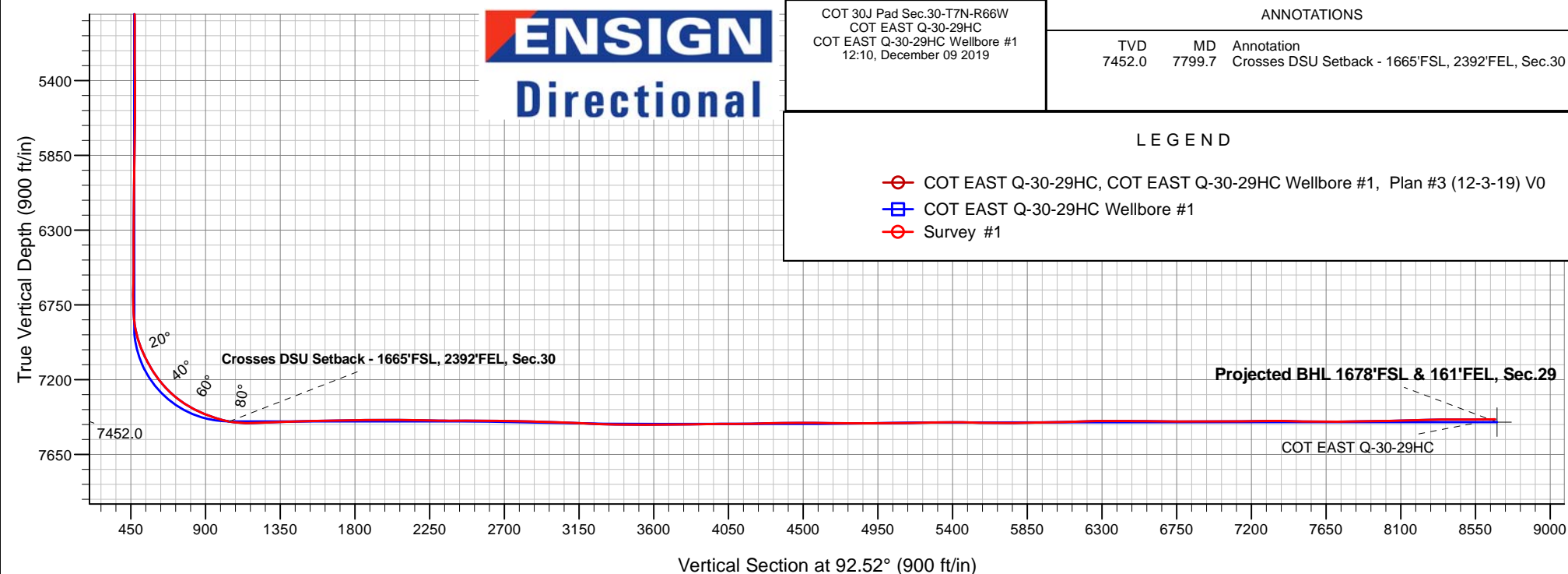


Original Well Elev WELL @ 4971.0ft (Original Well Elev)

**15,444'MD 7438'TVD 378'S & 8660'E of SHL
91.10 degree Incl @ 89.32 degree AZM**





Bayswater Exploration & Production, LLC

SEC.30-T7N-R66W

COT 30J Pad Sec.30-T7N-R66W

COT EAST Q-30-29HC

COT EAST Q-30-29HC Wellbore #1

Survey: Survey #1

Standard Survey Report

09 December, 2019



BAYSWATER
EXPLORATION & PRODUCTION, LLC

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT EAST Q-30-29HC
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 EAST Q-30-29HC	North Reference:	True
Wellbore:	COT EAST Q-30-29HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT EAST Q-30-29HC 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 EAST Q-30-29HC					
Well Position	+N/-S	0.0 ft	Northing:	1,441,763.56 usft	Latitude:	40.544080
	+E/-W	0.0 ft	Easting:	3,187,646.77 usft	Longitude:	-104.824807
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,946.0 ft

Wellbore	COT EAST Q-30-29HC Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/3/2019	7.93	66.90	52,233

Design	COT EAST Q-30-29HC 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	92.52	

Survey Program	Date	12/9/2019			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
215.0	15,444.0	Survey #1 (COT EAST Q-30-29HC 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	
215.0	0.10	92.70	215.0	0.0	0.2	0.2	0.05	0.05	0.00	
309.0	1.90	150.30	309.0	-1.4	1.0	1.1	1.97	1.91	61.28	
404.0	3.40	141.40	403.9	-4.9	3.6	3.8	1.63	1.58	-9.37	
499.0	4.70	141.20	498.6	-10.2	7.8	8.2	1.37	1.37	-0.21	
594.0	6.40	140.30	593.2	-17.3	13.6	14.3	1.79	1.79	-0.95	
689.0	7.70	140.10	687.5	-26.2	21.1	22.2	1.37	1.37	-0.21	
784.0	8.60	138.00	781.5	-36.4	29.9	31.5	1.00	0.95	-2.21	
878.0	8.30	138.00	874.5	-46.7	39.1	41.2	0.32	-0.32	0.00	
973.0	7.10	137.30	968.6	-56.1	47.7	50.1	1.27	-1.26	-0.74	

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT EAST Q-30-29HC
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 EAST Q-30-29HC	North Reference:	True
Wellbore:	COT EAST Q-30-29HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT EAST Q-30-29HC 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	5.50	136.40	1,063.1	-63.7	54.8	57.6	1.69	-1.68	-0.95
1,163.0	4.60	141.00	1,157.7	-69.9	60.4	63.4	1.04	-0.95	4.84
1,258.0	4.50	139.60	1,252.4	-75.7	65.2	68.5	0.16	-0.11	-1.47
1,352.0	4.70	139.40	1,346.1	-81.5	70.1	73.6	0.21	0.21	-0.21
1,447.0	5.20	139.80	1,440.7	-87.7	75.4	79.2	0.53	0.53	0.42
1,486.0	5.20	138.20	1,479.6	-90.4	77.7	81.6	0.37	0.00	-4.10
1,569.0	6.24	139.77	1,562.2	-96.6	83.1	87.3	1.27	1.25	1.89
1,663.0	7.03	141.88	1,655.5	-105.1	90.0	94.5	0.88	0.84	2.24
1,758.0	8.62	145.04	1,749.6	-115.5	97.6	102.6	1.73	1.67	3.33
1,853.0	9.58	145.22	1,843.4	-127.8	106.2	111.8	1.01	1.01	0.19
1,947.0	12.40	145.92	1,935.7	-142.6	116.4	122.5	3.00	3.00	0.74
2,042.0	11.87	145.92	2,028.6	-159.1	127.5	134.4	0.56	-0.56	0.00
2,137.0	12.13	140.12	2,121.5	-174.9	139.4	147.0	1.30	0.27	-6.11
2,232.0	11.87	138.36	2,214.4	-189.8	152.3	160.5	0.47	-0.27	-1.85
2,326.0	11.43	137.83	2,306.5	-204.0	165.0	173.8	0.48	-0.47	-0.56
2,421.0	10.55	136.95	2,399.8	-217.3	177.2	186.6	0.94	-0.93	-0.93
2,515.0	12.22	134.32	2,491.9	-230.5	190.2	200.2	1.86	1.78	-2.80
2,610.0	11.34	132.91	2,584.9	-243.9	204.3	214.8	0.97	-0.93	-1.48
2,706.0	11.61	141.70	2,679.0	-257.9	217.2	228.3	1.84	0.28	9.16
2,801.0	10.90	141.52	2,772.2	-272.5	228.7	240.5	0.75	-0.75	-0.19
2,895.0	10.55	142.40	2,864.5	-286.2	239.5	251.8	0.41	-0.37	0.94
2,990.0	12.22	141.52	2,957.6	-301.0	251.0	264.0	1.77	1.76	-0.93
3,084.0	11.17	139.94	3,049.7	-315.8	263.1	276.7	1.17	-1.12	-1.68
3,179.0	12.22	140.12	3,142.7	-330.5	275.5	289.7	1.11	1.11	0.19
3,273.0	11.52	141.17	3,234.7	-345.5	287.7	302.6	0.78	-0.74	1.12
3,368.0	12.57	138.18	3,327.6	-360.6	300.6	316.1	1.29	1.11	-3.15
3,462.0	11.43	135.55	3,419.6	-374.8	313.9	330.1	1.34	-1.21	-2.80
3,557.0	10.11	135.72	3,512.9	-387.5	326.3	343.1	1.39	-1.39	0.18
3,651.0	11.08	130.27	3,605.3	-399.3	339.0	356.2	1.48	1.03	-5.80
3,746.0	13.45	132.03	3,698.1	-412.6	354.1	372.0	2.53	2.49	1.85
3,841.0	12.13	129.39	3,790.8	-426.3	370.1	388.5	1.52	-1.39	-2.78
3,935.0	11.96	137.31	3,882.7	-439.7	384.3	403.3	1.77	-0.18	8.43
4,030.0	11.87	141.00	3,975.6	-454.6	397.1	416.7	0.81	-0.09	3.88
4,125.0	9.76	138.89	4,069.0	-468.2	408.6	428.8	2.26	-2.22	-2.22
4,219.0	9.15	139.24	4,161.7	-479.9	418.7	439.4	0.65	-0.65	0.37
4,314.0	7.47	143.28	4,255.7	-490.5	427.3	448.5	1.87	-1.77	4.25
4,409.0	5.98	136.78	4,350.0	-499.1	434.4	455.9	1.76	-1.57	-6.84
4,503.0	4.84	146.62	4,443.6	-506.0	439.9	461.8	1.56	-1.21	10.47
4,598.0	3.78	143.28	4,538.3	-511.8	444.0	466.1	1.15	-1.12	-3.52
4,692.0	2.81	158.75	4,632.2	-516.5	446.7	469.0	1.39	-1.03	16.46
4,787.0	1.67	164.02	4,727.1	-520.0	447.9	470.4	1.22	-1.20	5.55
4,904.0	1.76	163.85	4,844.1	-523.3	448.9	471.5	0.08	0.08	-0.15
4,998.0	0.79	157.34	4,938.0	-525.3	449.5	472.2	1.04	-1.03	-6.93
5,093.0	0.62	158.40	5,033.0	-526.4	450.0	472.7	0.18	-0.18	1.12

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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 EAST Q-30-29HC	North Reference:	True
Wellbore:	COT EAST Q-30-29HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT EAST Q-30-29HC 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)
5,188.0	0.26	157.34	5,128.0	-527.1	450.3	473.0	0.38	-0.38	-1.12
5,283.0	0.18	156.99	5,223.0	-527.4	450.4	473.2	0.08	-0.08	-0.37
5,378.0	0.35	90.55	5,318.0	-527.6	450.7	473.5	0.34	0.18	-69.94
5,472.0	0.26	125.53	5,412.0	-527.7	451.2	474.0	0.22	-0.10	37.21
5,567.0	0.09	266.15	5,507.0	-527.8	451.3	474.1	0.35	-0.18	148.02
5,661.0	0.26	188.28	5,601.0	-528.0	451.2	474.0	0.27	0.18	-82.84
5,756.0	0.70	231.00	5,696.0	-528.6	450.7	473.6	0.57	0.46	44.97
5,851.0	0.79	252.44	5,791.0	-529.2	449.6	472.5	0.31	0.09	22.57
5,945.0	0.88	251.74	5,885.0	-529.6	448.3	471.2	0.10	0.10	-0.74
6,040.0	0.70	253.32	5,980.0	-530.0	447.1	470.0	0.19	-0.19	1.66
6,134.0	0.70	252.27	6,074.0	-530.3	446.0	468.9	0.01	0.00	-1.12
6,229.0	0.79	225.90	6,169.0	-531.0	445.0	467.9	0.37	0.09	-27.76
6,324.0	0.97	221.86	6,264.0	-532.0	444.0	467.0	0.20	0.19	-4.25
6,418.0	0.97	207.62	6,357.9	-533.3	443.1	466.1	0.26	0.00	-15.15
6,513.0	0.79	202.52	6,452.9	-534.6	442.4	465.5	0.21	-0.19	-5.37
6,608.0	0.88	197.95	6,547.9	-535.9	442.0	465.1	0.12	0.09	-4.81
6,702.0	0.88	194.43	6,641.9	-537.3	441.6	464.8	0.06	0.00	-3.74
6,796.0	0.97	202.70	6,735.9	-538.7	441.1	464.4	0.17	0.10	8.80
6,891.0	5.28	90.20	6,830.8	-539.5	445.1	468.5	6.02	4.54	-118.42
6,985.0	13.19	87.56	6,923.5	-539.1	460.2	483.5	8.42	8.41	-2.81
7,080.0	22.42	90.37	7,013.8	-538.7	489.2	512.5	9.76	9.72	2.96
7,175.0	29.02	84.92	7,099.4	-536.8	530.3	553.4	7.37	6.95	-5.74
7,270.0	35.44	83.52	7,179.7	-531.6	580.7	603.5	6.80	6.76	-1.47
7,365.0	43.35	86.50	7,253.1	-526.5	640.7	663.3	8.56	8.33	3.14
7,459.0	52.41	87.03	7,316.0	-522.6	710.3	732.6	9.65	9.64	0.56
7,553.0	61.38	89.14	7,367.3	-520.1	788.9	811.0	9.73	9.54	2.24
7,648.0	67.88	88.97	7,408.0	-518.7	874.6	896.6	6.84	6.84	-0.18
7,743.0	73.86	89.14	7,439.1	-517.2	964.3	986.2	6.30	6.29	0.18
7,799.7	79.90	89.46	7,452.0	-516.5	1,019.5	1,041.3	10.67	10.65	0.57
Crosses DSU Setback - 1665'FSL, 2392'FEL, Sec.30									
7,838.0	83.98	89.67	7,457.4	-516.2	1,057.5	1,079.2	10.67	10.65	0.55
7,932.0	91.63	90.20	7,461.0	-516.1	1,151.3	1,172.9	8.16	8.14	0.56
8,027.0	91.80	89.84	7,458.1	-516.1	1,246.3	1,267.8	0.42	0.18	-0.38
8,122.0	91.98	89.67	7,455.0	-515.7	1,341.2	1,362.6	0.26	0.19	-0.18
8,216.0	92.15	89.49	7,451.6	-515.0	1,435.2	1,456.4	0.26	0.18	-0.19
8,311.0	91.01	88.97	7,449.0	-513.8	1,530.1	1,551.2	1.32	-1.20	-0.55
8,406.0	91.45	88.97	7,446.9	-512.1	1,625.1	1,646.0	0.46	0.46	0.00
8,500.0	91.28	87.38	7,444.7	-509.1	1,719.0	1,739.7	1.70	-0.18	-1.69
8,594.0	90.57	87.03	7,443.2	-504.5	1,812.9	1,833.3	0.84	-0.76	-0.37
8,688.0	89.96	86.86	7,442.8	-499.5	1,906.7	1,926.9	0.67	-0.65	-0.18
8,783.0	89.60	88.61	7,443.1	-495.7	2,001.7	2,021.5	1.88	-0.38	1.84
8,877.0	89.96	88.44	7,443.5	-493.3	2,095.6	2,115.3	0.42	0.38	-0.18
8,972.0	88.72	88.44	7,444.6	-490.7	2,190.6	2,210.1	1.31	-1.31	0.00

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Well:	COT EAST Q-30-29HC	North Reference:	True
Wellbore:	COT EAST Q-30-29HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT EAST Q-30-29HC 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)
9,067.0	88.90	87.73	7,446.6	-487.5	2,285.5	2,304.8	0.77	0.19	-0.75
9,161.0	90.04	90.02	7,447.4	-485.7	2,379.5	2,398.5	2.72	1.21	2.44
9,255.0	90.66	89.49	7,446.8	-485.3	2,473.5	2,492.4	0.87	0.66	-0.56
9,349.0	89.16	89.49	7,447.0	-484.5	2,567.5	2,586.3	1.60	-1.60	0.00
9,444.0	88.55	89.67	7,448.9	-483.8	2,662.4	2,681.2	0.67	-0.64	0.19
9,539.0	88.81	88.97	7,451.1	-482.6	2,757.4	2,776.0	0.79	0.27	-0.74
9,634.0	89.34	88.79	7,452.6	-480.8	2,852.4	2,870.8	0.59	0.56	-0.19
9,728.0	88.55	89.14	7,454.3	-479.1	2,946.3	2,964.6	0.92	-0.84	0.37
9,823.0	87.67	89.84	7,457.5	-478.2	3,041.3	3,059.4	1.18	-0.93	0.74
9,917.0	87.32	89.32	7,461.6	-477.6	3,135.2	3,153.2	0.67	-0.37	-0.55
10,010.0	86.79	88.79	7,466.4	-476.0	3,228.1	3,245.9	0.81	-0.57	-0.57
10,104.0	89.08	88.79	7,469.8	-474.0	3,322.0	3,339.6	2.44	2.44	0.00
10,199.0	90.04	88.97	7,470.5	-472.2	3,417.0	3,434.4	1.03	1.01	0.19
10,293.0	89.69	88.97	7,470.7	-470.5	3,510.9	3,528.2	0.37	-0.37	0.00
10,387.0	89.43	88.26	7,471.4	-468.2	3,604.9	3,622.0	0.80	-0.28	-0.76
10,482.0	92.07	88.79	7,470.2	-465.8	3,699.9	3,716.8	2.83	2.78	0.56
10,577.0	89.60	89.14	7,468.8	-464.1	3,794.8	3,811.6	2.63	-2.60	0.37
10,672.0	91.36	90.55	7,468.0	-463.8	3,889.8	3,906.5	2.37	1.85	1.48
10,766.0	90.40	88.79	7,466.6	-463.3	3,983.8	4,000.3	2.13	-1.02	-1.87
10,860.0	89.78	87.38	7,466.4	-460.1	4,077.7	4,094.0	1.64	-0.66	-1.50
10,955.0	91.19	89.32	7,465.6	-457.4	4,172.7	4,188.8	2.52	1.48	2.04
11,049.0	91.71	89.14	7,463.2	-456.1	4,266.7	4,282.6	0.59	0.55	-0.19
11,143.0	90.75	89.67	7,461.2	-455.1	4,360.6	4,376.4	1.17	-1.02	0.56
11,238.0	90.40	90.55	7,460.3	-455.3	4,455.6	4,471.3	1.00	-0.37	0.93
11,333.0	89.78	89.84	7,460.1	-455.6	4,550.6	4,566.3	0.99	-0.65	-0.75
11,427.0	89.43	89.67	7,460.8	-455.2	4,644.6	4,660.2	0.41	-0.37	-0.18
11,522.0	88.72	89.32	7,462.3	-454.4	4,739.6	4,755.0	0.83	-0.75	-0.37
11,616.0	89.78	88.61	7,463.5	-452.7	4,833.6	4,848.8	1.36	1.13	-0.76
11,711.0	90.40	87.91	7,463.4	-449.8	4,928.5	4,943.5	0.98	0.65	-0.74
11,806.0	91.71	88.44	7,461.6	-446.8	5,023.5	5,038.3	1.49	1.38	0.56
11,900.0	90.57	88.26	7,459.7	-444.1	5,117.4	5,132.0	1.23	-1.21	-0.19
11,995.0	90.75	88.09	7,458.7	-441.1	5,212.3	5,226.7	0.26	0.19	-0.18
12,090.0	91.10	87.03	7,457.1	-437.0	5,307.2	5,321.3	1.17	0.37	-1.12
12,185.0	89.78	88.61	7,456.4	-433.4	5,402.2	5,416.0	2.17	-1.39	1.66
12,279.0	88.64	87.73	7,457.7	-430.4	5,496.1	5,509.7	1.53	-1.21	-0.94
12,374.0	89.25	88.79	7,459.4	-427.5	5,591.0	5,604.4	1.29	0.64	1.12
12,469.0	89.87	89.84	7,460.2	-426.4	5,686.0	5,699.3	1.28	0.65	1.11
12,564.0	89.52	88.44	7,460.7	-425.0	5,781.0	5,794.1	1.52	-0.37	-1.47
12,658.0	91.36	89.84	7,460.0	-423.6	5,875.0	5,888.0	2.46	1.96	1.49
12,752.0	91.63	89.84	7,457.5	-423.3	5,969.0	5,981.8	0.29	0.29	0.00
12,847.0	92.42	89.49	7,454.1	-422.7	6,063.9	6,076.6	0.91	0.83	-0.37
12,942.0	91.54	90.55	7,450.9	-422.8	6,158.8	6,171.5	1.45	-0.93	1.12
13,036.0	89.78	90.20	7,449.8	-423.4	6,252.8	6,265.4	1.91	-1.87	-0.37
13,131.0	90.84	90.37	7,449.3	-423.9	6,347.8	6,360.3	1.13	1.12	0.18

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT EAST Q-30-29HC
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 EAST Q-30-29HC	North Reference:	True
Wellbore:	COT EAST Q-30-29HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT EAST Q-30-29HC 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)
13,226.0	88.99	91.25	7,449.4	-425.2	6,442.8	6,455.3	2.16	-1.95	0.93
13,320.0	90.13	91.07	7,450.1	-427.1	6,536.8	6,549.3	1.23	1.21	-0.19
13,415.0	89.34	89.49	7,450.6	-427.6	6,631.8	6,644.2	1.86	-0.83	-1.66
13,510.0	89.34	89.32	7,451.7	-426.6	6,726.8	6,739.0	0.18	0.00	-0.18
13,604.0	90.04	88.97	7,452.2	-425.2	6,820.8	6,832.9	0.83	0.74	-0.37
13,699.0	90.13	88.26	7,452.0	-422.9	6,915.7	6,927.6	0.75	0.09	-0.75
13,794.0	90.31	87.91	7,451.7	-419.7	7,010.7	7,022.4	0.41	0.19	-0.37
13,889.0	90.75	87.38	7,450.8	-415.8	7,105.6	7,117.0	0.73	0.46	-0.56
13,983.0	90.48	88.61	7,449.8	-412.5	7,199.5	7,210.7	1.34	-0.29	1.31
14,078.0	90.92	88.26	7,448.6	-409.9	7,294.5	7,305.5	0.59	0.46	-0.37
14,173.0	88.55	89.14	7,449.1	-407.8	7,389.5	7,400.2	2.66	-2.49	0.93
14,268.0	88.37	88.61	7,451.6	-405.9	7,484.4	7,495.0	0.59	-0.19	-0.56
14,362.0	89.25	88.09	7,453.6	-403.2	7,578.3	7,588.7	1.09	0.94	-0.55
14,457.0	91.89	87.56	7,452.6	-399.6	7,673.3	7,683.4	2.83	2.78	-0.56
14,551.0	89.78	88.79	7,451.2	-396.6	7,767.2	7,777.1	2.60	-2.24	1.31
14,646.0	90.57	88.79	7,451.0	-394.6	7,862.2	7,871.9	0.83	0.83	0.00
14,741.0	90.84	88.26	7,449.8	-392.1	7,957.1	7,966.7	0.63	0.28	-0.56
14,836.0	91.19	87.38	7,448.1	-388.5	8,052.0	8,061.3	1.00	0.37	-0.93
14,930.0	91.54	88.79	7,445.9	-385.4	8,146.0	8,155.0	1.55	0.37	1.50
15,025.0	92.42	88.61	7,442.6	-383.2	8,240.9	8,249.8	0.95	0.93	-0.19
15,119.0	90.66	89.14	7,440.1	-381.4	8,334.8	8,343.5	1.96	-1.87	0.56
15,214.0	89.52	89.84	7,439.9	-380.6	8,429.8	8,438.4	1.41	-1.20	0.74
15,309.0	90.04	89.32	7,440.3	-379.9	8,524.8	8,533.3	0.77	0.55	-0.55
15,384.0	91.10	89.32	7,439.5	-379.0	8,599.8	8,608.2	1.41	1.41	0.00
15,444.0	91.10	89.32	7,438.4	-378.3	8,659.8	8,668.1	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
- hit/miss target									
- Shape									
SHL 2197'FSL & 2003'F ¹	0.00	0.00	1.0	0.0	0.0	1,441,763.57	3,187,646.77	40.544080	-104.824807
- survey hits target center									
- Point									
Projected BHL 1678'FSL	0.00	0.00	7,456.0	-382.1	8,670.9	1,441,447.51	3,196,320.06	40.543027	-104.793609
- survey misses target center by 21.2ft at 15444.0ft MD (7438.4 TVD, -378.3 N, 8659.8 E)									
- Point									

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
7,799.7	7,452.0	-516.5	1,019.5	Crosses DSU Setback - 1665'FSL, 2392'FEL, Sec.30

Company:	Bayswater Exploration & Production, LLC	Local Co-ordinate Reference:	Well COT EAST Q-30-29HC
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 EAST Q-30-29HC	North Reference:	True
Wellbore:	COT EAST Q-30-29HC Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	COT EAST Q-30-29HC Wellbore #1	Database:	US_EDM

Checked By: _____	Approved By: _____	Date: _____
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