Bayswater Exploration & Production, LLC

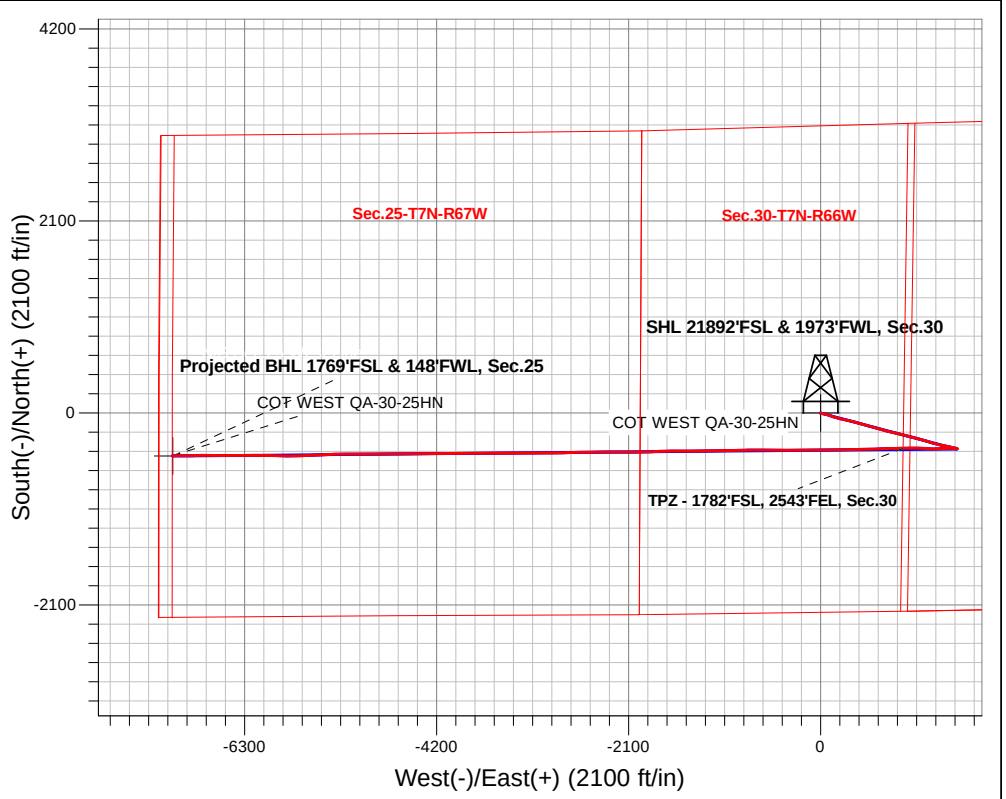
Well Name: **COT WEST QA-30-25HN**
Surface Location: COT 30J Pad Sec.30-T7N-R66W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4946.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1441748.03	3187616.59	40.544038	-104.824916	

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

FINAL SURVEY

Projected Bottom Hole Location
15,802'MD 7053'TVD 467'S & 7089'W of SHL
90.48 degree Incl @ 270.17 degree AZM



ENSIGN Directional

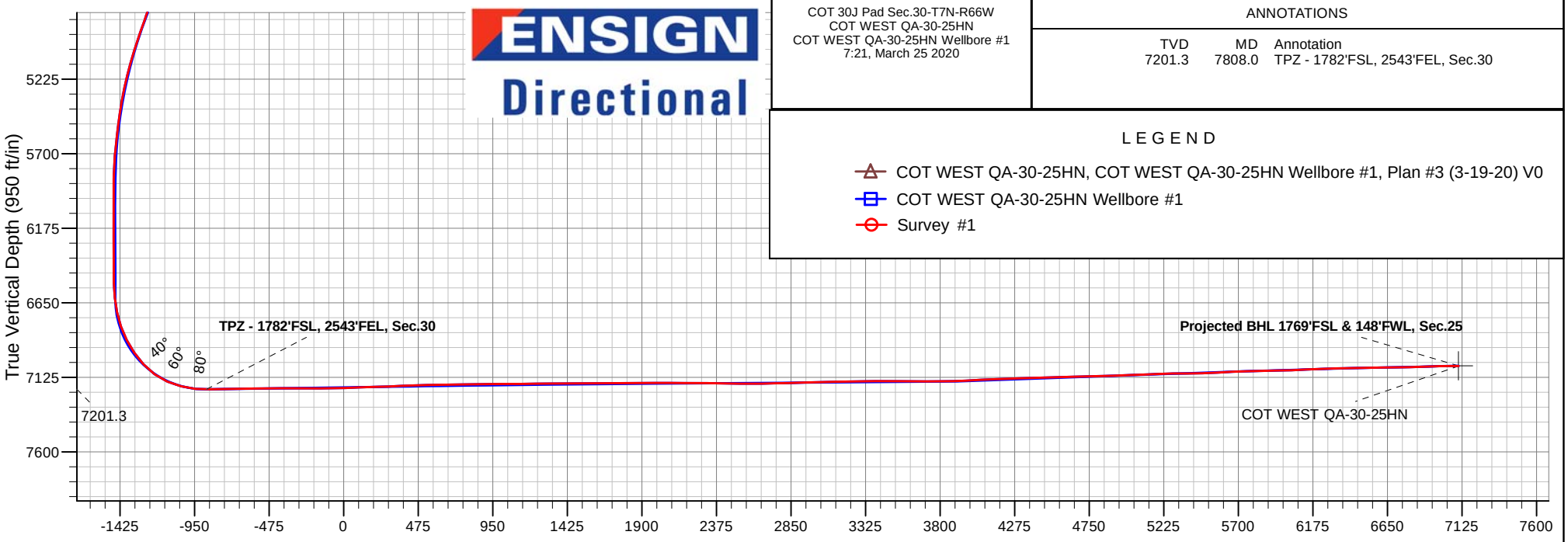
COT 30J Pad Sec.30-T7N-R66W
COT WEST QA-30-25HN
COT WEST QA-30-25HN Wellbore #1
7:21, March 25 2020

ANNOTATIONS

TVD	MD	Annotation
7201.3	7808.0	TPZ - 1782'FSL, 2543'FEL, Sec.30

LEGEND

- COT WEST QA-30-25HN, COT WEST QA-30-25HN Wellbore #1, Plan #3 (3-19-20) V0
- COT WEST QA-30-25HN Wellbore #1
- Survey #1



ENSIGN Directional

Bayswater Exploration & Production, LLC

SEC.30-T7N-R66W
COT 30J Pad Sec.30-T7N-R66W
COT WEST QA-30-25HN

COT WEST QA-30-25HN Wellbore #1

Survey: Survey #1

Standard Survey Report

25 March, 2020

BAYSWATER EXPLORATION & PRODUCTION, LLC

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

Well Position	**+N/-S**	0.0 ft	**Northing:**	1,441,748.03 usft	**Latitude:**	40.544038
	+E/-W	0.0 ft	**Easting:**	3,187,616.59 usft	**Longitude:**	-104.824916
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	0.0 ft	**Ground Level:**	4,946.0 ft

Wellbore COT WEST QA-30-25HN Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	03/19/2020	7.90	66.87	52,219

Design COT WEST QA-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	266.19

Survey Program **Date** 03/25/2020

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
311.0	15,802.0	Survey #1 (COT WEST QA-30-25HN Well	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
311.0	0.62	182.30	311.0	-1.7	-0.1	0.2	0.20	0.20	0.00
406.0	0.35	185.46	406.0	-2.5	-0.1	0.3	0.29	-0.28	3.33
501.0	1.32	111.46	501.0	-3.2	0.9	-0.7	1.34	1.02	-77.89
596.0	2.20	111.63	595.9	-4.2	3.6	-3.3	0.93	0.93	0.18
691.0	2.64	104.25	690.9	-5.5	7.4	-7.0	0.57	0.46	-7.77
784.0	3.34	106.01	783.7	-6.7	12.1	-11.6	0.76	0.75	1.89
880.0	4.31	100.73	879.5	-8.2	18.3	-17.7	1.07	1.01	-5.50
974.0	4.84	100.56	973.2	-9.6	25.7	-25.0	0.56	0.56	-0.18
1,069.0	5.01	101.26	1,067.9	-11.1	33.7	-32.9	0.19	0.18	0.74

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well COT WEST QA-30-25HN
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Site:	COT 30J Pad Sec.30-T7N-R66W	**MD Reference:**	WELL @ 4971.0ft (Original Well Elev)
Well:	COT WEST QA-30-25HN	**North Reference:**	True
Wellbore:	COT WEST QA-30-25HN Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	COT WEST QA-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	4.84	100.73	1,162.5	-12.7	41.7	-40.8	0.19	-0.18	-0.56
1,259.0	5.01	97.39	1,257.2	-13.9	49.8	-48.7	0.35	0.18	-3.52
1,354.0	5.36	95.81	1,351.8	-14.9	58.3	-57.2	0.40	0.37	-1.66
1,449.0	6.42	104.95	1,446.3	-16.7	67.8	-66.6	1.49	1.12	9.62
1,510.0	6.60	108.12	1,506.9	-18.7	74.5	-73.0	0.66	0.30	5.20
1,666.0	8.00	112.86	1,661.6	-25.7	93.0	-91.1	0.98	0.90	3.04
1,760.0	10.20	111.63	1,754.4	-31.3	106.7	-104.4	2.35	2.34	-1.31
1,855.0	12.49	110.93	1,847.6	-38.1	124.2	-121.4	2.41	2.41	-0.74
1,949.0	13.63	107.06	1,939.1	-45.0	144.2	-140.9	1.53	1.21	-4.12
2,043.0	14.25	106.36	2,030.4	-51.5	165.9	-162.1	0.68	0.66	-0.74
2,138.0	16.53	103.53	2,121.9	-57.9	190.3	-186.0	2.53	2.40	-2.98
2,233.0	18.03	104.76	2,212.7	-64.8	217.7	-212.9	1.63	1.58	1.29
2,327.0	20.84	103.88	2,301.3	-72.6	248.0	-242.6	3.01	2.99	-0.94
2,422.0	21.98	101.42	2,389.7	-80.1	281.8	-275.8	1.53	1.20	-2.59
2,517.0	23.04	100.36	2,477.5	-87.0	317.5	-311.0	1.19	1.12	-1.12
2,611.0	22.60	102.82	2,564.1	-94.3	353.2	-346.2	1.12	-0.47	2.62
2,706.0	23.04	105.99	2,651.7	-103.5	388.9	-381.1	1.37	0.46	3.34
2,801.0	23.92	105.99	2,738.8	-113.9	425.3	-416.8	0.93	0.93	0.00
2,896.0	22.95	106.34	2,826.0	-124.4	461.6	-452.3	1.03	-1.02	0.37
2,990.0	24.27	106.16	2,912.1	-135.0	497.7	-487.6	1.41	1.40	-0.19
3,085.0	21.90	106.16	2,999.5	-145.3	533.5	-522.6	2.49	-2.49	0.00
3,179.0	22.16	104.58	3,086.7	-154.7	567.5	-555.9	0.69	0.28	-1.68
3,274.0	23.65	107.04	3,174.2	-164.8	603.0	-590.8	1.86	1.57	2.59
3,392.0	21.02	105.63	3,283.3	-177.4	646.1	-632.8	2.27	-2.23	-1.19
3,486.0	21.37	104.93	3,370.9	-186.4	678.8	-665.0	0.46	0.37	-0.74
3,581.0	23.74	103.70	3,458.7	-195.4	714.1	-699.6	2.54	2.49	-1.29
3,676.0	24.89	103.88	3,545.2	-204.7	752.1	-736.9	1.21	1.21	0.19
3,771.0	22.69	100.89	3,632.2	-212.9	789.5	-773.6	2.64	-2.32	-3.15
3,865.0	23.48	103.35	3,718.6	-220.7	825.6	-809.1	1.33	0.84	2.62
3,959.0	24.27	104.58	3,804.6	-229.9	862.5	-845.3	0.99	0.84	1.31
4,052.0	25.06	105.11	3,889.1	-239.8	900.0	-882.1	0.88	0.85	0.57
4,147.0	25.32	105.46	3,975.1	-250.5	939.0	-920.3	0.32	0.27	0.37
4,242.0	25.06	104.76	4,061.0	-261.0	978.0	-958.5	0.42	-0.27	-0.74
4,337.0	23.21	103.70	4,147.7	-270.6	1,015.7	-995.5	2.00	-1.95	-1.12
4,431.0	21.19	102.29	4,234.8	-278.6	1,050.3	-1,029.4	2.22	-2.15	-1.50
4,526.0	22.42	106.34	4,323.0	-287.3	1,084.4	-1,063.0	2.04	1.29	4.26
4,620.0	23.48	107.04	4,409.5	-297.9	1,119.5	-1,097.3	1.16	1.13	0.74
4,715.0	21.81	105.99	4,497.2	-308.3	1,154.6	-1,131.6	1.81	-1.76	-1.11
4,809.0	24.27	106.86	4,583.7	-318.7	1,189.9	-1,166.1	2.64	2.62	0.93
4,904.0	23.57	105.99	4,670.5	-329.6	1,226.8	-1,202.2	0.83	-0.74	-0.92
4,998.0	21.46	104.58	4,757.4	-339.1	1,261.5	-1,236.2	2.32	-2.24	-1.50
5,093.0	19.26	103.00	4,846.4	-347.0	1,293.6	-1,267.7	2.39	-2.32	-1.66
5,187.0	19.79	103.00	4,935.0	-354.1	1,324.2	-1,297.8	0.56	0.56	0.00
5,282.0	18.38	101.77	5,024.8	-360.7	1,354.6	-1,327.6	1.54	-1.48	-1.29

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Wellbore:	COT WEST QA-30-25HN Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	COT WEST QA-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)
5,376.0	17.41	100.19	5,114.3	-366.2	1,382.9	-1,355.5	1.15	-1.03	-1.68
5,471.0	13.89	103.00	5,205.7	-371.3	1,408.0	-1,380.3	3.79	-3.71	2.96
5,565.0	11.61	103.17	5,297.4	-376.0	1,428.2	-1,400.1	2.43	-2.43	0.18
5,660.0	9.94	100.19	5,390.7	-379.7	1,445.6	-1,417.2	1.85	-1.76	-3.14
5,755.0	8.35	100.01	5,484.5	-382.3	1,460.5	-1,431.9	1.67	-1.67	-0.19
5,849.0	6.95	99.48	5,577.7	-384.4	1,472.8	-1,444.0	1.49	-1.49	-0.56
5,943.0	5.98	114.25	5,671.1	-387.4	1,482.9	-1,453.9	2.04	-1.03	15.71
6,038.0	4.04	117.94	5,765.7	-391.0	1,490.4	-1,461.1	2.07	-2.04	3.88
6,132.0	0.62	82.08	5,859.6	-392.5	1,493.8	-1,464.4	3.78	-3.64	-38.15
6,227.0	0.53	17.92	5,954.6	-392.0	1,494.4	-1,465.1	0.65	-0.09	-67.54
6,322.0	0.35	350.50	6,049.6	-391.3	1,494.5	-1,465.2	0.29	-0.19	-28.86
6,417.0	0.26	318.51	6,144.6	-390.8	1,494.3	-1,465.1	0.20	-0.09	-33.67
6,511.0	0.18	287.04	6,238.6	-390.6	1,494.1	-1,464.8	0.15	-0.09	-33.48
6,606.0	0.35	187.90	6,333.6	-390.9	1,493.9	-1,464.6	0.44	0.18	-104.36
6,700.0	0.62	187.55	6,427.6	-391.6	1,493.8	-1,464.4	0.29	0.29	-0.37
6,795.0	0.88	208.29	6,522.6	-392.8	1,493.3	-1,464.0	0.39	0.27	21.83
6,890.0	5.98	265.07	6,617.4	-393.9	1,488.1	-1,458.6	5.84	5.37	59.77
6,984.0	13.01	285.11	6,710.1	-391.5	1,473.0	-1,443.7	8.16	7.48	21.32
7,078.0	18.29	275.44	6,800.6	-387.4	1,448.0	-1,419.1	6.25	5.62	-10.29
7,173.0	27.44	268.58	6,888.0	-386.5	1,411.2	-1,382.4	10.02	9.63	-7.22
7,267.0	34.82	266.65	6,968.5	-388.6	1,362.7	-1,333.9	7.92	7.85	-2.05
7,361.0	42.30	266.12	7,041.9	-392.3	1,304.3	-1,275.3	7.97	7.96	-0.56
7,456.0	53.64	271.92	7,105.4	-393.2	1,233.9	-1,205.0	12.76	11.94	6.11
7,550.0	67.09	273.86	7,151.8	-389.0	1,152.5	-1,124.1	14.42	14.31	2.06
7,644.0	75.18	270.69	7,182.2	-385.5	1,063.7	-1,035.7	9.18	8.61	-3.37
7,739.0	85.30	268.58	7,198.3	-386.1	970.2	-942.4	10.87	10.65	-2.22
7,808.0	89.69	268.97	7,201.3	-387.6	901.3	-873.6	6.39	6.36	0.56
TPZ - 1782'FSL, 2543'FEL, Sec.30									
7,833.0	91.28	269.11	7,201.1	-388.0	876.3	-848.6	6.39	6.36	0.56
7,928.0	91.01	269.81	7,199.2	-388.9	781.3	-753.8	0.79	-0.28	0.74
8,022.0	91.10	267.53	7,197.4	-391.1	687.4	-659.9	2.43	0.10	-2.43
8,117.0	90.66	268.06	7,196.0	-394.8	592.5	-564.9	0.73	-0.46	0.56
8,212.0	90.40	268.41	7,195.1	-397.7	497.5	-470.0	0.46	-0.27	0.37
8,307.0	90.13	269.29	7,194.7	-399.6	402.5	-375.1	0.97	-0.28	0.93
8,401.0	89.52	270.17	7,195.0	-400.0	308.5	-281.3	1.14	-0.65	0.94
8,495.0	90.48	268.06	7,195.0	-401.5	214.5	-187.4	2.47	1.02	-2.24
8,590.0	90.22	268.23	7,194.4	-404.6	119.6	-92.5	0.33	-0.27	0.18
8,685.0	92.42	269.29	7,192.2	-406.6	24.7	2.4	2.57	2.32	1.12
8,779.0	91.71	269.11	7,188.8	-407.9	-69.3	96.2	0.78	-0.76	-0.19
8,874.0	91.28	269.81	7,186.3	-408.8	-164.2	191.0	0.86	-0.45	0.74
8,969.0	92.77	270.52	7,183.0	-408.6	-259.2	285.7	1.74	1.57	0.75
9,063.0	92.24	270.87	7,178.9	-407.4	-353.1	379.4	0.68	-0.56	0.37
9,157.0	91.80	271.22	7,175.5	-405.7	-447.0	473.0	0.60	-0.47	0.37

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Design:	COT WEST QA-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)
9,252.0	91.28	269.11	7,173.0	-405.4	-542.0	567.7	2.29	-0.55	-2.22
9,346.0	90.92	269.64	7,171.2	-406.5	-635.9	661.5	0.68	-0.38	0.56
9,441.0	90.13	270.52	7,170.3	-406.3	-730.9	756.3	1.24	-0.83	0.93
9,536.0	91.19	268.41	7,169.2	-407.2	-825.9	851.1	2.49	1.12	-2.22
9,630.0	90.75	268.58	7,167.6	-409.7	-919.9	945.1	0.50	-0.47	0.18
9,725.0	89.69	269.29	7,167.3	-411.5	-1,014.9	1,039.9	1.34	-1.12	0.75
9,819.0	91.19	268.23	7,166.5	-413.5	-1,108.8	1,133.8	1.95	1.60	-1.13
9,913.0	90.84	268.76	7,164.9	-416.0	-1,202.8	1,227.8	0.68	-0.37	0.56
10,008.0	90.48	269.64	7,163.8	-417.3	-1,297.8	1,322.6	1.00	-0.38	0.93
10,103.0	90.04	270.69	7,163.4	-417.0	-1,392.8	1,417.4	1.20	-0.46	1.11
10,198.0	89.34	270.87	7,163.9	-415.7	-1,487.7	1,512.1	0.76	-0.74	0.19
10,292.0	91.10	269.29	7,163.5	-415.6	-1,581.7	1,605.9	2.52	1.87	-1.68
10,387.0	90.66	267.88	7,162.0	-417.9	-1,676.7	1,700.8	1.55	-0.46	-1.48
10,481.0	89.78	267.35	7,161.7	-421.8	-1,770.6	1,794.7	1.09	-0.94	-0.56
10,576.0	90.57	268.06	7,161.4	-425.6	-1,865.5	1,889.7	1.12	0.83	0.75
10,671.0	90.40	269.46	7,160.6	-427.7	-1,960.5	1,984.6	1.48	-0.18	1.47
10,766.0	89.69	271.04	7,160.5	-427.3	-2,055.5	2,079.3	1.82	-0.75	1.66
10,860.0	89.96	268.76	7,160.8	-427.4	-2,149.5	2,173.1	2.44	0.29	-2.43
10,954.0	89.52	269.29	7,161.2	-429.0	-2,243.5	2,267.0	0.73	-0.47	0.56
11,048.0	89.08	269.64	7,162.4	-429.9	-2,337.5	2,360.9	0.60	-0.47	0.37
11,143.0	88.46	270.52	7,164.4	-429.8	-2,432.4	2,455.6	1.13	-0.65	0.93
11,237.0	90.22	268.76	7,165.5	-430.4	-2,526.4	2,549.4	2.65	1.87	-1.87
11,332.0	91.10	269.11	7,164.4	-432.2	-2,621.4	2,644.3	1.00	0.93	0.37
11,427.0	90.13	269.11	7,163.4	-433.6	-2,716.4	2,739.2	1.02	-1.02	0.00
11,521.0	91.98	268.76	7,161.7	-435.4	-2,810.3	2,833.1	2.00	1.97	-0.37
11,616.0	91.71	269.11	7,158.6	-437.1	-2,905.3	2,927.9	0.47	-0.28	0.37
11,711.0	91.45	269.81	7,156.0	-438.0	-3,000.2	3,022.7	0.79	-0.27	0.74
11,804.0	91.10	271.04	7,153.9	-437.3	-3,093.2	3,115.4	1.37	-0.38	1.32
11,898.0	91.28	268.23	7,152.0	-437.9	-3,187.2	3,209.2	2.99	0.19	-2.99
11,992.0	91.01	269.99	7,150.1	-439.4	-3,281.1	3,303.1	1.89	-0.29	1.87
12,086.0	90.13	268.41	7,149.1	-440.7	-3,375.1	3,397.0	1.92	-0.94	-1.68
12,180.0	89.87	269.11	7,149.1	-442.7	-3,469.1	3,490.9	0.79	-0.28	0.74
12,275.0	89.60	269.64	7,149.6	-443.8	-3,564.1	3,585.7	0.63	-0.28	0.56
12,369.0	89.25	270.52	7,150.5	-443.7	-3,658.1	3,679.5	1.01	-0.37	0.94
12,463.0	91.28	270.17	7,150.1	-443.1	-3,752.1	3,773.2	2.19	2.16	-0.37
12,558.0	90.48	270.52	7,148.6	-442.5	-3,847.1	3,868.0	0.92	-0.84	0.37
12,652.0	93.21	269.29	7,145.6	-442.7	-3,941.0	3,961.7	3.19	2.90	-1.31
12,746.0	92.86	269.46	7,140.6	-443.7	-4,034.9	4,055.4	0.41	-0.37	0.18
12,841.0	92.33	270.17	7,136.3	-444.0	-4,129.8	4,150.2	0.93	-0.56	0.75
12,936.0	91.71	271.22	7,133.0	-442.8	-4,224.7	4,244.8	1.28	-0.65	1.11
13,031.0	91.80	268.58	7,130.1	-443.0	-4,319.7	4,339.5	2.78	0.09	-2.78
13,126.0	90.75	268.76	7,128.0	-445.2	-4,414.6	4,434.4	1.12	-1.11	0.19
13,220.0	92.68	268.41	7,125.1	-447.5	-4,508.5	4,528.3	2.09	2.05	-0.37
13,314.0	92.15	268.94	7,121.2	-449.7	-4,602.4	4,622.1	0.80	-0.56	0.56

Company:	Bayswater Exploration & Production, LLC	**Local Co-ordinate Reference:**	Well COT WEST QA-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 QA-30-25HN	**North Reference:**	True
Wellbore:	COT WEST QA-30-25HN Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	COT WEST QA-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)
13,409.0	91.10	269.64	7,118.5	-450.9	-4,697.4	4,717.0	1.33	-1.11	0.74
13,504.0	90.66	270.87	7,117.0	-450.5	-4,792.4	4,811.7	1.37	-0.46	1.29
13,598.0	92.42	269.46	7,114.5	-450.2	-4,886.3	4,905.4	2.40	1.87	-1.50
13,693.0	91.80	270.34	7,111.0	-450.4	-4,981.3	5,000.2	1.13	-0.65	0.93
13,787.0	92.68	270.17	7,107.3	-449.9	-5,075.2	5,093.9	0.95	0.94	-0.18
13,882.0	92.15	270.34	7,103.3	-449.5	-5,170.1	5,188.5	0.59	-0.56	0.18
13,976.0	90.92	267.35	7,100.8	-451.4	-5,264.0	5,282.4	3.44	-1.31	-3.18
14,071.0	89.87	268.23	7,100.2	-455.1	-5,359.0	5,377.3	1.44	-1.11	0.93
14,166.0	91.71	267.70	7,098.8	-458.4	-5,453.9	5,472.3	2.02	1.94	-0.56
14,260.0	93.47	267.35	7,094.6	-462.5	-5,547.7	5,566.2	1.91	1.87	-0.37
14,355.0	92.77	268.41	7,089.4	-466.0	-5,642.5	5,661.0	1.34	-0.74	1.12
14,450.0	91.63	267.88	7,085.8	-469.1	-5,737.4	5,755.9	1.32	-1.20	-0.56
14,545.0	91.28	270.69	7,083.4	-470.3	-5,832.3	5,850.7	2.98	-0.37	2.96
14,639.0	90.57	271.75	7,081.8	-468.3	-5,926.3	5,944.3	1.36	-0.76	1.13
14,734.0	91.98	271.22	7,079.7	-465.8	-6,021.2	6,038.9	1.59	1.48	-0.56
14,829.0	93.21	269.64	7,075.4	-465.1	-6,116.1	6,133.5	2.11	1.29	-1.66
14,924.0	92.68	269.46	7,070.6	-465.8	-6,211.0	6,228.2	0.59	-0.56	-0.19
15,018.0	91.36	270.17	7,067.2	-466.1	-6,304.9	6,322.0	1.59	-1.40	0.76
15,113.0	90.75	271.04	7,065.5	-465.1	-6,399.9	6,416.7	1.12	-0.64	0.92
15,207.0	91.10	268.94	7,064.0	-465.2	-6,493.9	6,510.4	2.26	0.37	-2.23
15,301.0	90.75	269.99	7,062.5	-466.0	-6,587.9	6,604.3	1.18	-0.37	1.12
15,395.0	90.31	271.04	7,061.6	-465.2	-6,681.9	6,698.0	1.21	-0.47	1.12
15,490.0	92.07	269.11	7,059.6	-465.1	-6,776.8	6,792.8	2.75	1.85	-2.03
15,585.0	91.89	269.29	7,056.3	-466.4	-6,871.8	6,887.6	0.27	-0.19	0.19
15,679.0	91.01	269.46	7,053.9	-467.4	-6,965.7	6,981.4	0.95	-0.94	0.18
15,742.0	90.48	270.17	7,053.1	-467.6	-7,028.7	7,044.3	1.41	-0.84	1.13
15,802.0	90.48	270.17	7,052.6	-467.4	-7,088.7	7,104.1	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 21892'FSL & 1973'I - survey hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,441,748.04	3,187,616.59	40.544038	-104.824916
Projected BHL 1769'FSL - survey misses target center by 4.7ft at 15799.7ft MD (7052.6 TVD, -467.4 N, -7086.5 E) - Point	0.00	0.00	7,051.0	-471.9	-7,086.5	1,441,222.25	3,180,534.16	40.542740	-104.850413

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

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
7,808.0	7,201.3	-387.6	901.3	TPZ - 1782'FSL, 2543'FEL, Sec.30

Checked By: _____ Approved By: _____ Date: _____