

COG Operating LLC

Eddy County, NM (NAD27 NME)

Myox 21 State Com

33H

OH

Plan: Plan 3 03-07-19

30-015-421006

Standard Planning Report

07 March, 2019

Planning Report

Database: USA Compass Company: COG Operating LLC Project: Eddy County, NM (NAD27 NME) Site: Myox 21 State Com Well: 33H Wellbore: OH Design: Plan 3 03-07-19	Local Co-ordinate Reference: Well 33H TVD Reference: KB @ 3000.90usft (Ensign 155) MD Reference: KB @ 3000.90usft (Ensign 155) North Reference: Grid Survey Calculation Method: Minimum Curvature	
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Project	Eddy County, NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Myox 21 State Com		
Site Position:		Northing:	403,335.40 usft
From:	Map	Easting:	577,031.40 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 31.10711 N
		Longitude:	104° 5' 4.37007 W
		Grid Convergence:	0.13 °

Well	33H		
Well Position	+N/-S	-11.40 usft	Northing: 403,324.00 usft
	+E/-W	-3,189.80 usft	Easting: 573,841.60 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	Latitude: 32° 6' 31.06564 N
			Longitude: 104° 5' 41.45730 W
			Ground Level: 2,976.90 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	4/30/2019	7.01	59.79	47,864.43928149

Design	Plan 3 03-07-19				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	1.19	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,899.80	8.00	228.49	2,898.51	-18.46	-20.86	2.00	2.00	0.00	228.49	
4,347.87	8.00	228.49	4,332.49	-151.97	-171.69	0.00	0.00	0.00	0.00	
4,747.67	0.00	0.00	4,731.00	-170.43	-192.55	2.00	-2.00	0.00	180.00	
9,050.21	0.00	0.00	9,033.54	-170.43	-192.55	0.00	0.00	0.00	0.00	
9,799.01	89.86	359.50	9,511.00	305.81	-196.72	12.00	12.00	-0.07	359.50	
19,700.21	89.86	359.50	9,536.00	10,206.60	-283.50	0.00	0.00	0.00	0.00	BHL v2 - Myox 21 S

Planning Report

Database: USA Compass
Company: COG Operating LLC
Project: Eddy County, NM (NAD27 NME)
Site: Myox 21 State Corn
Well: 33H
Wellbore: OH
Design: Plan 3 03-07-19

Local Co-ordinate Reference: Well 33H
TVD Reference: KB @ 3000.90usft (Ensign 155)
MD Reference: KB @ 3000.90usft (Ensign 155)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Begin 2.00°/100' Build									
2,600.00	2.00	228.49	2,599.98	-1.16	-1.31	-1.18	2.00	2.00	0.00
2,700.00	4.00	228.49	2,699.84	-4.63	-5.23	-4.73	2.00	2.00	0.00
2,800.00	6.00	228.49	2,799.45	-10.40	-11.75	-10.64	2.00	2.00	0.00
2,899.80	8.00	228.49	2,898.51	-18.46	-20.86	-18.89	2.00	2.00	0.00
Hold 8.00° Inc at 228.49° Azm									
2,900.00	8.00	228.49	2,898.70	-18.48	-20.88	-18.91	0.00	0.00	0.00
3,000.00	8.00	228.49	2,997.73	-27.70	-31.29	-28.34	0.00	0.00	0.00
3,100.00	8.00	228.49	3,096.76	-36.92	-41.71	-37.77	0.00	0.00	0.00
3,200.00	8.00	228.49	3,195.78	-46.14	-52.13	-47.21	0.00	0.00	0.00
3,300.00	8.00	228.49	3,294.81	-55.36	-62.54	-56.64	0.00	0.00	0.00
3,400.00	8.00	228.49	3,393.84	-64.58	-72.96	-66.08	0.00	0.00	0.00
3,500.00	8.00	228.49	3,492.87	-73.80	-83.37	-75.51	0.00	0.00	0.00
3,600.00	8.00	228.49	3,591.90	-83.02	-93.79	-84.94	0.00	0.00	0.00
3,700.00	8.00	228.49	3,690.92	-92.24	-104.21	-94.38	0.00	0.00	0.00
3,800.00	8.00	228.49	3,789.95	-101.46	-114.62	-103.81	0.00	0.00	0.00
3,900.00	8.00	228.49	3,888.98	-110.68	-125.04	-113.24	0.00	0.00	0.00
4,000.00	8.00	228.49	3,988.01	-119.90	-135.45	-122.68	0.00	0.00	0.00
4,100.00	8.00	228.49	4,087.03	-129.12	-145.87	-132.11	0.00	0.00	0.00
4,200.00	8.00	228.49	4,186.06	-138.34	-156.29	-141.54	0.00	0.00	0.00
4,300.00	8.00	228.49	4,285.09	-147.56	-166.70	-150.98	0.00	0.00	0.00
4,347.87	8.00	228.49	4,332.49	-151.97	-171.69	-155.49	0.00	0.00	0.00
Begin 2.00°/100' Drop									
4,400.00	6.95	228.49	4,384.18	-156.46	-176.77	-160.09	2.00	-2.00	0.00
4,500.00	4.95	228.49	4,483.64	-163.34	-184.53	-167.13	2.00	-2.00	0.00
4,600.00	2.95	228.49	4,583.39	-167.91	-189.70	-171.80	2.00	-2.00	0.00
4,700.00	0.95	228.49	4,683.33	-170.17	-192.25	-174.11	2.00	-2.00	0.00
4,747.67	0.00	0.00	4,731.00	-170.43	-192.55	-174.38	2.00	-2.00	275.87
Begin Vertical Hold									
9,050.21	0.00	0.00	9,033.54	-170.43	-192.55	-174.38	0.00	0.00	0.00
Begin 12.00°/100' Build									
9,100.00	5.97	359.50	9,083.24	-167.84	-192.57	-171.79	12.00	12.00	0.00
9,200.00	17.97	359.50	9,180.88	-147.13	-192.75	-151.09	12.00	12.00	0.00
9,300.00	29.97	359.50	9,272.09	-106.57	-193.10	-110.55	12.00	12.00	0.00
9,400.00	41.97	359.50	9,352.87	-47.94	-193.62	-51.94	12.00	12.00	0.00
9,500.00	53.97	359.50	9,419.69	26.21	-194.27	22.18	12.00	12.00	0.00
9,600.00	65.97	359.50	9,469.64	112.63	-195.03	108.56	12.00	12.00	0.00
9,700.00	77.97	359.50	9,500.53	207.54	-195.86	203.44	12.00	12.00	0.00
9,799.01	89.86	359.50	9,511.00	305.81	-196.72	301.67	12.00	12.00	0.00
Hold 89.86° Inc at 359.50° Azm									
9,800.00	89.86	359.50	9,511.01	306.80	-196.73	302.66	0.00	0.00	0.00
9,900.00	89.86	359.50	9,511.26	406.80	-197.60	402.62	0.00	0.00	0.00
10,000.00	89.86	359.50	9,511.51	506.80	-198.48	502.58	0.00	0.00	0.00
10,100.00	89.86	359.50	9,511.76	606.79	-199.36	602.53	0.00	0.00	0.00
10,200.00	89.86	359.50	9,512.02	706.79	-200.23	702.49	0.00	0.00	0.00
10,300.00	89.86	359.50	9,512.27	806.78	-201.11	802.45	0.00	0.00	0.00
10,400.00	89.86	359.50	9,512.52	906.78	-201.99	902.40	0.00	0.00	0.00
10,500.00	89.86	359.50	9,512.77	1,006.78	-202.86	1,002.36	0.00	0.00	0.00
10,600.00	89.86	359.50	9,513.03	1,106.77	-203.74	1,102.31	0.00	0.00	0.00
10,700.00	89.86	359.50	9,513.28	1,206.77	-204.62	1,202.27	0.00	0.00	0.00
10,800.00	89.86	359.50	9,513.53	1,306.76	-205.49	1,302.23	0.00	0.00	0.00

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Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,900.00	89.86	359.50	9,513.78	1,406.76	-206.37	1,402.18	0.00	0.00	0.00
11,000.00	89.86	359.50	9,514.04	1,506.75	-207.25	1,502.14	0.00	0.00	0.00
11,100.00	89.86	359.50	9,514.29	1,606.75	-208.12	1,602.09	0.00	0.00	0.00
11,200.00	89.86	359.50	9,514.54	1,706.75	-209.00	1,702.05	0.00	0.00	0.00
11,300.00	89.86	359.50	9,514.79	1,806.74	-209.87	1,802.01	0.00	0.00	0.00
11,400.00	89.86	359.50	9,515.05	1,906.74	-210.75	1,901.96	0.00	0.00	0.00
11,500.00	89.86	359.50	9,515.30	2,006.73	-211.63	2,001.92	0.00	0.00	0.00
11,600.00	89.86	359.50	9,515.55	2,106.73	-212.50	2,101.88	0.00	0.00	0.00
11,700.00	89.86	359.50	9,515.80	2,206.73	-213.38	2,201.83	0.00	0.00	0.00
11,800.00	89.86	359.50	9,516.06	2,306.72	-214.26	2,301.79	0.00	0.00	0.00
11,900.00	89.86	359.50	9,516.31	2,406.72	-215.13	2,401.74	0.00	0.00	0.00
12,000.00	89.86	359.50	9,516.56	2,506.71	-216.01	2,501.70	0.00	0.00	0.00
12,100.00	89.86	359.50	9,516.81	2,606.71	-216.89	2,601.66	0.00	0.00	0.00
12,200.00	89.86	359.50	9,517.07	2,706.71	-217.76	2,701.61	0.00	0.00	0.00
12,300.00	89.86	359.50	9,517.32	2,806.70	-218.64	2,801.57	0.00	0.00	0.00
12,400.00	89.86	359.50	9,517.57	2,906.70	-219.52	2,901.53	0.00	0.00	0.00
12,500.00	89.86	359.50	9,517.82	3,006.69	-220.39	3,001.48	0.00	0.00	0.00
12,600.00	89.86	359.50	9,518.07	3,106.69	-221.27	3,101.44	0.00	0.00	0.00
12,700.00	89.86	359.50	9,518.33	3,206.68	-222.15	3,201.39	0.00	0.00	0.00
12,800.00	89.86	359.50	9,518.58	3,306.68	-223.02	3,301.35	0.00	0.00	0.00
12,900.00	89.86	359.50	9,518.83	3,406.68	-223.90	3,401.31	0.00	0.00	0.00
13,000.00	89.86	359.50	9,519.08	3,506.67	-224.77	3,501.26	0.00	0.00	0.00
13,100.00	89.86	359.50	9,519.34	3,606.67	-225.65	3,601.22	0.00	0.00	0.00
13,200.00	89.86	359.50	9,519.59	3,706.66	-226.53	3,701.18	0.00	0.00	0.00
13,300.00	89.86	359.50	9,519.84	3,806.66	-227.40	3,801.13	0.00	0.00	0.00
13,400.00	89.86	359.50	9,520.09	3,906.66	-228.28	3,901.09	0.00	0.00	0.00
13,500.00	89.86	359.50	9,520.35	4,006.65	-229.16	4,001.04	0.00	0.00	0.00
13,600.00	89.86	359.50	9,520.60	4,106.65	-230.03	4,101.00	0.00	0.00	0.00
13,700.00	89.86	359.50	9,520.85	4,206.64	-230.91	4,200.96	0.00	0.00	0.00
13,800.00	89.86	359.50	9,521.10	4,306.64	-231.79	4,300.91	0.00	0.00	0.00
13,900.00	89.86	359.50	9,521.36	4,406.63	-232.66	4,400.87	0.00	0.00	0.00
14,000.00	89.86	359.50	9,521.61	4,506.63	-233.54	4,500.83	0.00	0.00	0.00
14,100.00	89.86	359.50	9,521.86	4,606.63	-234.42	4,600.78	0.00	0.00	0.00
14,200.00	89.86	359.50	9,522.11	4,706.62	-235.29	4,700.74	0.00	0.00	0.00
14,300.00	89.86	359.50	9,522.37	4,806.62	-236.17	4,800.69	0.00	0.00	0.00
14,400.00	89.86	359.50	9,522.62	4,906.61	-237.05	4,900.65	0.00	0.00	0.00
14,500.00	89.86	359.50	9,522.87	5,006.61	-237.92	5,000.61	0.00	0.00	0.00
14,600.00	89.86	359.50	9,523.12	5,106.61	-238.80	5,100.56	0.00	0.00	0.00
14,700.00	89.86	359.50	9,523.38	5,206.60	-239.67	5,200.52	0.00	0.00	0.00
14,800.00	89.86	359.50	9,523.63	5,306.60	-240.55	5,300.48	0.00	0.00	0.00
14,900.00	89.86	359.50	9,523.88	5,406.59	-241.43	5,400.43	0.00	0.00	0.00
15,000.00	89.86	359.50	9,524.13	5,506.59	-242.30	5,500.39	0.00	0.00	0.00
15,100.00	89.86	359.50	9,524.39	5,606.58	-243.18	5,600.34	0.00	0.00	0.00
15,200.00	89.86	359.50	9,524.64	5,706.58	-244.06	5,700.30	0.00	0.00	0.00
15,300.00	89.86	359.50	9,524.89	5,806.58	-244.93	5,800.26	0.00	0.00	0.00
15,400.00	89.86	359.50	9,525.14	5,906.57	-245.81	5,900.21	0.00	0.00	0.00
15,500.00	89.86	359.50	9,525.40	6,006.57	-246.69	6,000.17	0.00	0.00	0.00
15,600.00	89.86	359.50	9,525.65	6,106.56	-247.56	6,100.13	0.00	0.00	0.00
15,700.00	89.86	359.50	9,525.90	6,206.56	-248.44	6,200.08	0.00	0.00	0.00
15,800.00	89.86	359.50	9,526.15	6,306.56	-249.32	6,300.04	0.00	0.00	0.00
15,900.00	89.86	359.50	9,526.41	6,406.55	-250.19	6,399.99	0.00	0.00	0.00
16,000.00	89.86	359.50	9,526.66	6,506.55	-251.07	6,499.95	0.00	0.00	0.00
16,100.00	89.86	359.50	9,526.91	6,606.54	-251.95	6,599.91	0.00	0.00	0.00
16,200.00	89.86	359.50	9,527.16	6,706.54	-252.82	6,699.86	0.00	0.00	0.00

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Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,300.00	89.86	359.50	9,527.42	6,806.53	-253.70	6,799.82	0.00	0.00	0.00
16,400.00	89.86	359.50	9,527.67	6,906.53	-254.57	6,899.78	0.00	0.00	0.00
16,500.00	89.86	359.50	9,527.92	7,006.53	-255.45	6,999.73	0.00	0.00	0.00
16,600.00	89.86	359.50	9,528.17	7,106.52	-256.33	7,099.69	0.00	0.00	0.00
16,700.00	89.86	359.50	9,528.43	7,206.52	-257.20	7,199.64	0.00	0.00	0.00
16,800.00	89.86	359.50	9,528.68	7,306.51	-258.08	7,299.60	0.00	0.00	0.00
16,900.00	89.86	359.50	9,528.93	7,406.51	-258.96	7,399.56	0.00	0.00	0.00
17,000.00	89.86	359.50	9,529.18	7,506.51	-259.83	7,499.51	0.00	0.00	0.00
17,100.00	89.86	359.50	9,529.44	7,606.50	-260.71	7,599.47	0.00	0.00	0.00
17,200.00	89.86	359.50	9,529.69	7,706.50	-261.59	7,699.43	0.00	0.00	0.00
17,300.00	89.86	359.50	9,529.94	7,806.49	-262.46	7,799.38	0.00	0.00	0.00
17,400.00	89.86	359.50	9,530.19	7,906.49	-263.34	7,899.34	0.00	0.00	0.00
17,500.00	89.86	359.50	9,530.45	8,006.48	-264.22	7,999.29	0.00	0.00	0.00
17,600.00	89.86	359.50	9,530.70	8,106.48	-265.09	8,099.25	0.00	0.00	0.00
17,700.00	89.86	359.50	9,530.95	8,206.48	-265.97	8,199.21	0.00	0.00	0.00
17,800.00	89.86	359.50	9,531.20	8,306.47	-266.85	8,299.16	0.00	0.00	0.00
17,900.00	89.86	359.50	9,531.46	8,406.47	-267.72	8,399.12	0.00	0.00	0.00
18,000.00	89.86	359.50	9,531.71	8,506.46	-268.60	8,499.07	0.00	0.00	0.00
18,100.00	89.86	359.50	9,531.96	8,606.46	-269.47	8,599.03	0.00	0.00	0.00
18,200.00	89.86	359.50	9,532.21	8,706.46	-270.35	8,698.99	0.00	0.00	0.00
18,300.00	89.86	359.50	9,532.47	8,806.45	-271.23	8,798.94	0.00	0.00	0.00
18,400.00	89.86	359.50	9,532.72	8,906.45	-272.10	8,898.90	0.00	0.00	0.00
18,500.00	89.86	359.50	9,532.97	9,006.44	-272.98	8,998.86	0.00	0.00	0.00
18,600.00	89.86	359.50	9,533.22	9,106.44	-273.86	9,098.81	0.00	0.00	0.00
18,700.00	89.86	359.50	9,533.48	9,206.43	-274.73	9,198.77	0.00	0.00	0.00
18,800.00	89.86	359.50	9,533.73	9,306.43	-275.61	9,298.72	0.00	0.00	0.00
18,900.00	89.86	359.50	9,533.98	9,406.43	-276.49	9,398.68	0.00	0.00	0.00
19,000.00	89.86	359.50	9,534.23	9,506.42	-277.36	9,498.64	0.00	0.00	0.00
19,100.00	89.86	359.50	9,534.48	9,606.42	-278.24	9,598.59	0.00	0.00	0.00
19,200.00	89.86	359.50	9,534.74	9,706.41	-279.12	9,698.55	0.00	0.00	0.00
19,300.00	89.86	359.50	9,534.99	9,806.41	-279.99	9,798.51	0.00	0.00	0.00
19,400.00	89.86	359.50	9,535.24	9,906.41	-280.87	9,898.46	0.00	0.00	0.00
19,500.00	89.86	359.50	9,535.49	10,006.40	-281.75	9,998.42	0.00	0.00	0.00
19,600.00	89.86	359.50	9,535.75	10,106.40	-282.62	10,098.37	0.00	0.00	0.00
19,700.00	89.86	359.50	9,536.00	10,206.39	-283.50	10,198.33	0.00	0.00	0.00
19,700.21	89.86	359.50	9,536.00	10,206.60	-283.50	10,198.54	0.00	0.00	0.00

TD at 19700.21

Planning Report

Database:	USA Compass	Local Co-ordinate Reference:	Well 33H
Company:	COG Operating LLC	TVD Reference:	KB @ 3000.90usft (Ensign 155)
Project:	Eddy County, NM (NAD27 NME)	MD Reference:	KB @ 3000.90usft (Ensign 155)
Site:	Myox 21 State Corn	North Reference:	Grid
Well:	33H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 3 03-07-19		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP v2 - Myox 21 Sta - plan misses target center by 39.84usft at 9608.70usft MD (9473.11 TVD, 120.60 N, -195.10 E) - Point	0.00	0.00	9,511.00	108.30	-195.00	403,432.30	573,646.60	32° 6' 32.14170 N 104° 5' 43.72173 W	
LTP v2 - Myox 21 Sta - plan misses target center by 0.04usft at 19570.20usft MD (9535.67 TVD, 10076.60 N, -282.36 E) - Point	0.00	0.00	9,535.67	10,076.60	-282.40	413,400.60	573,559.20	32° 8' 10.79447 N 104° 5' 44.48230 W	
BHL v2 - Myox 21 Sta - plan hits target center - Point	0.00	0.00	9,536.00	10,206.60	-283.50	413,530.60	573,558.10	32° 8' 12.08103 N 104° 5' 44.49176 W	

Plan Annotations

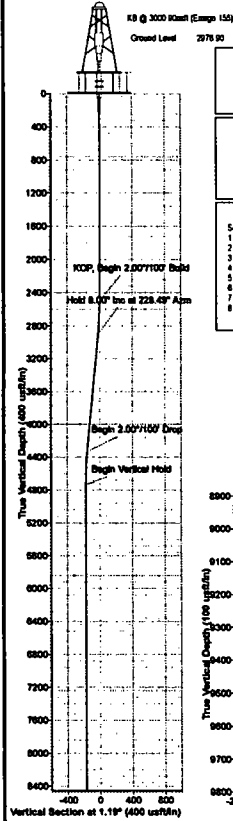
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,500.00	2,500.00	0.00	0.00	KOP, Begin 2.00°/100' Build
2,899.80	2,898.51	-18.46	-20.86	Hold 8.00° Inc at 228.49° Azm
4,347.87	4,332.49	-151.97	-171.69	Begin 2.00°/100' Drop
4,747.67	4,731.00	-170.43	-192.55	Begin Vertical Hold
9,050.21	9,033.54	-170.43	-192.55	Begin 12.00°/100' Build
9,799.01	9,511.00	305.81	-196.72	Hold 89.86° Inc at 359.50° Azm
19,700.21	9,536.00	10,206.60	-283.50	TD at 19700.21



Project: Eddy County, NM (NAD27 NME)
Site: Myox 21 State Com
Well: 33H
Wellbore: OH
Design: Plan 3 03-07-19
Rig: Ensign 155

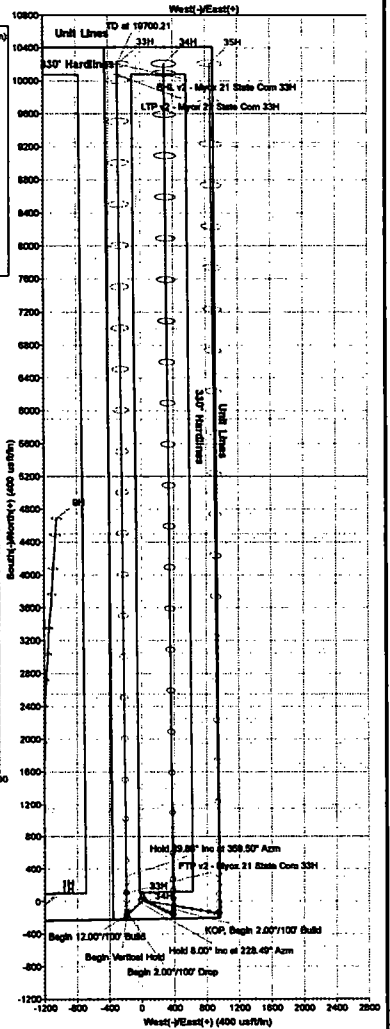
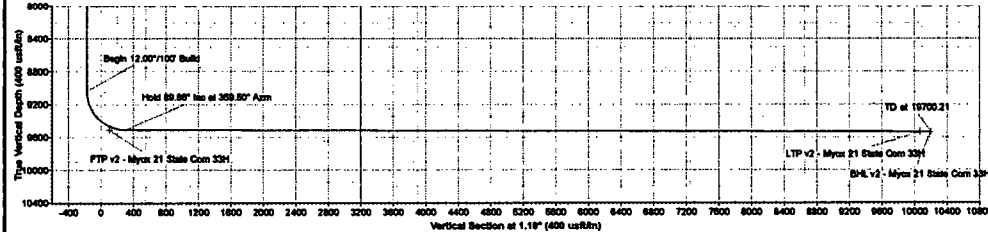
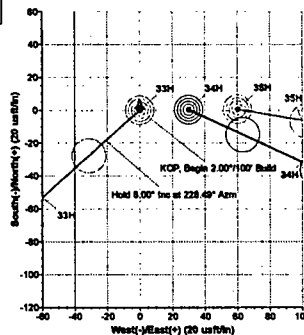
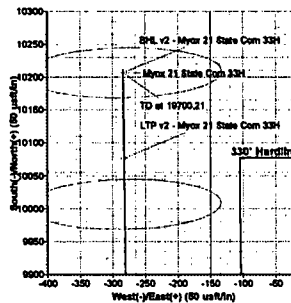
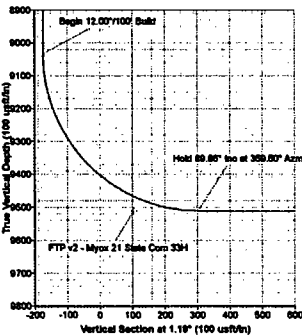


Adjustment to Grid North
True North: -0.13°
Magnetic North: 8.85°
Magnetic Field
Strength: 47864.4nT
Dip Angle: 63.79°
Date: 4/30/2019
Model: IGRF10



WELL DETAILS									
2579.30									
	N/S	E/W	Northing	Easting	Latitude	Longitude			
	0.00	0.00	40324.00	57364.00	32° 9' 31.0554 N	104° 5' 41.4530 W			
DESIGN TARGET DETAILS									
Name	TVD	N/S	E/W	Northing	Easting	Latitude	Longitude		
FTP v2 - Myox 21 State Com 33H	9511.00	108.30	-155.00	40342.30	57364.00	32° 9' 32.1193 N	104° 5' 43.7773 W		
LTP v2 - Myox 21 State Com 33H	9535.67	10076.60	-262.40	41340.60	57359.30	32° 9' 10.7947 N	104° 5' 44.4520 W		
BH v2 - Myox 21 State Com 33H	9536.00	10206.00	-263.50	41353.00	57359.10	32° 9' 12.0813 N	104° 5' 44.6116 W		
SECTION DETAILS									
Sec	MD	Inc	Az	TVD	N/S	E/W	Mag	IFace	VFace
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00
3	2500.00	8.00	228.49	2500.00	-15.46	-20.86	2.00	228.49	-18.89
4	4347.67	8.00	228.49	4332.49	-151.97	-171.69	0.00	0.00	-155.49
5	4747.67	0.00	0.00	4731.00	-170.43	-192.54	2.00	190.00	-174.38
6	9550.21	0.00	0.00	9533.54	-170.43	-192.54	0.00	0.00	-174.38
7	9799.01	89.86	359.50	9511.00	305.81	-198.72	12.00	359.50	301.67
8	19700.21	89.86	359.50	9536.00	10206.00	-263.50	0.00	0.00	10198.54
BH v2 - Myox 21 State Com 33H									
TD at 19700.21									

LEGEND	
—	BH, STD1, Surveys VO
—	BH, CH, Surveys VO
—	34H, CH, Plan 3 03-07-19 VO
—	35H, CH, Plan 3 03-07-19 VO
—	11H, CH / Job #61261, Surveys (Ensign 155) VO
—	Plan 3 03-07-19



Created By: Gustave Mayo Date: 14 Feb 2019