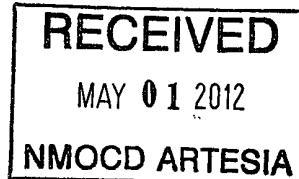


PATRIOT DRILLING, LLC

OPERATOR: COG Operating, LLC
WELL/LEASE: MYOX 20 State # 1H
COUNTY: Eddy, New Mexico
Sec. 20, T25S, R28E

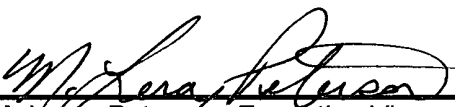


30-015-39672

**STATE OF NEW MEXICO
DEVIATION REPORT**

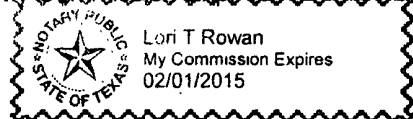
<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
189	1/4	2,152	1/2
493	1 3/4	2,458	1/3
753	2 1/2	2,579	2 1/2
878	3 1/4	2,800	1/2
941	3	3,300	2
996	3	3,590	1
1,102	3 1/2	4,062	1 1/2
1,121	3 1/4	4,534	2
1,153	3	5,005	2
1,216	3 1/2	5,505	2
1,342	2 3/4	6,679	1 1/4
1,568	3 1/4	7,182	2
1,719	3 1/4	7,673	1 1/2
1,812	4	8,673	1 3/4
1,806	3 1/4	9,100	2
1,884	2 3/4	9,639	1 1/2
1,979	2 1/4	10,718	2 1/4
2,073	1 1/2		

Patriot Drilling, LLC


M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 19th day of March, 2012 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 02/01/2015




Lori T. Rowan
Notary Public for Ector Co., Texas



Gyroscopic Survey Report
for
C.O.G

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	MYOX 20 STATE #1H
Rig Name	PATRIOT #3
Survey Date	3/4/2012
Latitude	32.1090000°N
North Reference	Grid North
Grid Correction	-0.12 deg
Depth Reference	RKB (17.00 ft)
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 0.00Azim (deg)
Definitive Survey	FINAL GYRO SURVEY
Operator(s)	LEO GARZA

Well Notes



Survey:		FINAL GYRO SURVEY							
Survey Date:		3/4/2012							
MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	Closure Direction	Dogleg Severity	Closure Distance
ft	deg	deg	ft	ft	ft	ft	deg	7100ft	ft
0 00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0 00
100.00	0.12	233 58	100.00	-0.06	-0.06	-0 08	233.58	0.12	0.11
200.00	0.19	265 76	200.00	-0.14	-0.14	-0.33	247.62	0.11	0.36
300.00	0.20	277 04	300.00	-0.13	-0.13	-0.67	259.23	0.04	0.68
400.00	0.71	14.01	400 00	0 50	0 50	-0.69	305 68	0.77	0.85
500.00	1.17	19.79	499 98	2.06	2.06	-0.20	354.53	0.47	2.07
600.00	1.39	20.30	599 96	4.17	4.17	0.57	7.79	0.22	4.20
700.00	1.67	42.70	699.92	6.37	6 37	1.98	17.24	0.65	6.67
800.00	2.17	54.59	799.87	8.54	8 54	4.51	27.84	0.64	9.66
900.00	3.22	59 89	899.75	11.05	11.05	8.48	37.52	1.07	13.93
1000 00	3.50	59.98	999.58	13 99	13.99	13 56	44.11	0.29	19.48
1100.00	3.62	58.94	1099.39	17 14	17.14	18.91	47.80	0 13	25.52
1200.00	3 43	56.92	1199.20	20.41	20.41	24 12	49.77	0.22	31.59
1300.00	2.88	42.24	1299.05	23.90	23.90	28.32	49.84	0.97	37.06
1400.00	2.81	34 09	1398.93	27.79	27.79	31.38	48.47	0.41	41.92
1500.00	2.72	19 14	1498.81	32.06	32 06	33.53	46.29	0 72	46 39
1600.00	3.03	20.13	1598.69	36.78	36 78	35.22	43.76	0 31	50.93
1700 00	3.28	41.65	1698 54	41.40	41.40	38.03	42.57	1.20	56.22
1800.00	3.02	57.94	1798.39	44.93	44.93	42.16	43.17	0.93	61.61
1900 00	2.41	66.66	1898.28	47.16	47.16	46.31	44.48	0.73	66 10
2000.00	1.85	66.79	1998.21	48 63	48.63	49 73	45 64	0.56	69.55
2100.00	0.70	59.69	2098.18	49.57	49.57	51 73	46.22	1.16	71.65
2200.00	0.95	323.81	2198.17	50.55	50.55	51.77	45.69	1.23	72.35
2300.00	2.31	307.10	2298.13	52.43	52.43	49.67	43.45	1.44	72.22
2400.00	2.61	297 12	2398.04	54.69	54.69	46.03	40.09	0.52	71.48
2500.00	2.81	295.40	2497.93	56.78	56.78	41 79	36.36	0.21	70.50
2600.00	2.61	294.39	2597 82	58.77	58.77	37.51	32.55	0.21	69 72
2700.00	2.34	288.68	2697.72	60.36	60 36	33.50	29.03	0.36	69.03
2800.00	2.17	291.66	2797.65	61.71	61.71	29.81	25.78	0.21	68.53
2900.00	2 01	286.63	2897.58	62.91	62 91	26.36	22.74	0.24	68.21
3000.00	1 82	290.68	2997.52	63 98	63.98	23.20	19 93	0.23	68.05
3100.00	1.85	288.52	3097.47	65.05	65.05	20.18	17.23	0 07	68.11
3200.00	1.55	290 19	3197.43	66.03	66.03	17.37	14.74	0.30	68.28
3300.00	1.44	283.39	3297.39	66 79	66.79	14.88	12.56	0 21	68.43
3400.00	1.28	289.96	3397.37	67.46	67.46	12.61	10.59	0 22	68.63
3500.00	1.19	289 65	3497.34	68.19	68.19	10.59	8.83	0.09	69.01
3600.00	1.33	287.65	3597.32	68.89	68.89	8.50	7.04	0 15	69.41
3700.00	1.21	289 43	3697.29	69.59	69.59	6.40	5.26	0.13	69.89
3800.00	1.26	280.39	3797 27	70.14	70.14	4.32	3.53	0 20	70 28
3900.00	1.30	282.07	3897.25	70.58	70 58	2.13	1.73	0.05	70 61



Survey:		FINAL GYRO SURVEY							
Survey Date:		3/4/2012							
MD ft	Inc deg	Azim deg	TVD ft	VS ft	+N/-S ft	+E/-W ft	Closure Direction deg	Dogleg Severity 1/100ft	Closure Distance ft
4000.00	1.35	267.31	3997.22	70.76	70.76	-0.15	359.88	0.34	70.76
4100.00	1.42	266.08	4097.19	70.62	70.62	-2.57	357.92	0.08	70.67
4200.00	1.32	267.53	4197.16	70.49	70.49	-4.96	355.98	0.11	70.66
4300.00	1.42	260.40	4297.13	70.23	70.23	-7.32	354.05	0.20	70.61
4400.00	1.73	255.30	4397.10	69.64	69.64	-10.00	351.83	0.34	70.36
4500.00	1.93	260.41	4497.04	68.98	68.98	-13.12	349.23	0.25	70.21
4600.00	1.87	255.25	4596.99	68.28	68.28	-16.35	346.54	0.18	70.21
4700.00	1.90	251.55	4696.94	67.34	67.34	-19.50	343.85	0.13	70.11
4800.00	1.81	252.79	4796.88	66.35	66.35	-22.58	341.21	0.10	70.09
4900.00	1.82	256.51	4896.83	65.52	65.52	-25.63	338.64	0.12	70.35
5000.00	1.81	258.74	4996.78	64.84	64.84	-28.72	336.11	0.07	70.91
5100.00	1.44	257.84	5096.74	64.26	64.26	-31.51	333.88	0.37	71.57
5200.00	1.22	258.85	5196.72	63.79	63.79	-33.78	332.09	0.23	72.18
5300.00	1.00	246.75	5296.70	63.24	63.24	-35.63	330.60	0.32	72.59
5400.00	0.80	241.18	5396.68	62.56	62.56	-37.04	329.37	0.22	72.70
5500.00	0.72	227.68	5496.68	61.80	61.80	-38.12	328.34	0.19	72.61
5600.00	0.78	224.95	5596.67	60.90	60.90	-39.06	327.33	0.07	72.35
5700.00	0.86	215.39	5696.66	59.81	59.81	-39.97	326.24	0.16	71.94
5800.00	1.05	196.87	5796.64	58.31	58.31	-40.68	325.10	0.36	71.10
5900.00	1.16	191.11	5896.62	56.44	56.44	-41.14	323.91	0.15	69.84
6000.00	0.85	152.19	5996.61	54.79	54.79	-40.99	323.20	0.73	68.43
6100.00	0.66	154.18	6096.60	53.62	53.62	-40.39	323.01	0.19	67.13
6200.00	0.77	170.36	6196.59	52.44	52.44	-40.03	322.65	0.23	65.97
6300.00	0.97	181.75	6296.58	50.93	50.93	-39.94	321.89	0.26	64.73
6400.00	0.86	195.29	6396.57	49.36	49.36	-40.17	320.86	0.24	63.64
6500.00	0.97	188.97	6496.56	47.80	47.80	-40.50	319.73	0.14	62.65
6600.00	1.01	187.79	6596.54	46.09	46.09	-40.75	318.52	0.04	61.52
6700.00	1.08	200.22	6696.53	44.34	44.34	-41.19	317.11	0.24	60.52
6800.00	1.20	204.88	6796.51	42.50	42.50	-41.96	315.37	0.15	59.72
6900.00	1.61	228.52	6896.48	40.62	40.62	-43.45	313.07	0.70	59.48
7000.00	1.34	232.22	6996.44	38.98	38.98	-45.43	310.63	0.29	59.86
7100.00	1.03	255.32	7096.42	38.03	38.03	-47.22	308.85	0.56	60.63
7200.00	1.17	271.52	7196.40	37.83	37.83	-49.10	307.61	0.34	61.99
7300.00	2.10	271.71	7296.36	37.92	37.92	-51.96	306.12	0.94	64.32
7335.00	2.17	270.19	7331.34	37.94	37.94	-53.26	305.46	0.25	65.39

COG Operating, LLC

Eddy County, NM

Sec 20: T25S-R28E

MYOX 20 State #1H

Wellbore #1

Survey: MWD

DDC Survey Report

20 March, 2012



DDC Survey Report



Company:	COG Operating, LLC	Local Co-ordinate Reference:	Well MYOX 20 State #1H
Project:	Eddy County, NM	TVD Reference:	GL:3013.3 + 17' KB @ 3030.3usft (Original Well Elev)
Site:	Sec 20: T25S-R28E	MD Reference:	GL:3013.3 + 17' KB @ 3030.3usft (Original Well Elev)
Well:	MYOX 20 State #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Eddy County, NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Sec 20: T25S-R28E			
Site Position:		Northing:	403,382.70 usft	Latitude:	32° 6' 31.656 N
From:	Map	Easting:	608,361.82 usft	Longitude:	104° 7' 0.702 W
Position Uncertainty:	0 0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.12 °

Well	MYOX 20 State #1H					
Well Position	+N/-S	0.0 usft	Northing:	403,382.70 usft	Latitude:	32° 6' 31.656 N
	+E/-W	0.0 usft	Easting:	608,361.82 usft	Longitude:	104° 7' 0.702 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,013.3 usft

Wellbore	Wellbore #1
-----------------	-------------

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/16/2012	7.74	59.97	48,421

Design	Wellbore #1
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Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	0.00

Survey Program		Date 3/20/2012		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	7,335.0	GYRO (Wellbore #1)	Good_gyro	Good Gyro
7,426.0	12,325.0	MWD (Wellbore #1)	MWD default	MWD - Standard

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)
Tie In @ 7335' MD / 7331' TVD									
7,335.0	2.17	270.19	7,331.3	37.9	-53.3	37.9	0.00	0.00	0.00
7,426.0	1.50	286.40	7,422.3	38.3	-56.1	38.3	0.92	-0.74	17.81
7,457.0	3.30	0.30	7,453.3	39.3	-56.5	39.3	10.40	5.81	238.39
7,489.0	7.20	14.70	7,485.1	42.1	-56.0	42.1	12.77	12.19	45.00
7,521.0	11.30	19.60	7,516.7	47.0	-54.4	47.0	13.04	12.81	15.31
7,553.0	15.60	23.60	7,547.8	53.9	-51.7	53.9	13.74	13.44	12.50
7,585.0	20.10	24.90	7,578.3	62.9	-47.6	62.9	14.12	14.06	4.06

DDC Survey Report



Company:	COG Operating, LLC	Local Co-ordinate Reference:	Well MYOX 20 State #1H
Project:	Eddy County, NM	TVD Reference:	GL 3013.3 + 17' KB @ 3030.3usft (Original Well Elev)
Site:	Sec 20: T25S-R28E	MD Reference:	GL 3013.3 + 17' KB @ 3030 3usft (Original Well Elev)
Well:	MYOX 20 State #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)
7,616.0	24.60	23 10	7,606.9	73.6	-42.8	73.6	14.68	14 52	-5 81
7,647.0	29.20	21 00	7,634.6	86.6	-37 6	86.6	15.15	14.84	-6.77
7,679.0	32.90	20 50	7,662.0	102.1	-31.8	102.1	11.59	11.56	-1.56
7,711.0	35.30	18.70	7,688.5	119.0	-25.7	119.0	8.14	7.50	-5.63
7,743.0	37.40	15.90	7,714.3	137.1	-20.1	137.1	8 36	6 56	-8.75
7,775.0	40 40	13.60	7,739.2	156.5	-15.0	156.5	10.40	9 38	-7.19
7,806 0	44.00	12 60	7,762.1	176.8	-10.3	176.8	11.81	11.61	-3 23
7,838.0	48.50	12.60	7,784.2	199.3	-5.3	199.3	14.06	14.06	0.00
Crossed Hard Line @ 7860' MD / 7798' TVD									
7,860.0	51.13	12.46	7,798.4	215.8	-1.6	215.8	11.95	11 94	-0 66
7,869 0	52.20	12 40	7,804.0	222.6	-0.1	222 6	11.95	11.94	-0.62
7,901.0	54.50	11 30	7,823.1	247.8	5.2	247.8	7.70	7.19	-3.44
7,932 0	56.50	9.90	7,840.7	272.9	9.9	272.9	7.45	6.45	-4.52
7,964.0	59.10	8.00	7,857.7	299.6	14 1	299.6	9.55	8.13	-5.94
7,996.0	62.80	5 30	7,873 3	327.4	17.3	327.4	13.71	11.56	-8.44
8,027.0	66.40	3.60	7,886.6	355 3	19.5	355.3	12.62	11.61	-5 48
8,059.0	69.90	2.00	7,898.5	385.0	20.9	385.0	11.88	10.94	-5.00
8,090.0	71.50	1.30	7,908.7	414.2	21.7	414.2	5.58	5.16	-2.26
8,122.0	73.70	1.00	7,918.3	444.8	22.4	444.8	6 93	6.88	-0.94
8,153 0	77.00	1 00	7,926.1	474 7	22.9	474.7	10.65	10.65	0.00
8,185.0	80.40	0.30	7,932.4	506.1	23.2	506.1	10.84	10 63	-2.19
8,216.0	83.60	359.70	7,936.7	536.8	23.2	536.8	10 50	10 32	-1.94
8,247.0	86.30	359.40	7,939.4	567.7	23.0	567.7	8.76	8.71	-0 97
8,311.0	89.40	358.80	7,941.8	631.6	22.0	631.6	4.93	4.84	-0.94
8,374.0	89.30	358.50	7,942 6	694.6	20.5	694.6	0.50	-0.16	-0.48
8,436 0	88.80	359.70	7,943.6	756.6	19.5	756.6	2.10	-0 81	1.94
8,499.0	88 60	0.10	7,945.0	819.6	19.4	819.6	0 71	-0.32	0 63
8,562.0	89.20	0.60	7,946.2	882.5	19 8	882.5	1 24	0.95	0.79
8,625.0	89.10	0.60	7,947.2	945 5	20.5	945.5	0.16	-0.16	0 00
8,689.0	89.00	0 40	7,948.2	1,009.5	21.0	1,009.5	0.35	-0.16	-0.31
8,753.0	89.10	0 60	7,949.3	1,073.5	21 6	1,073.5	0.35	0.16	0.31
8,816.0	89.50	0.30	7,950.0	1,136.5	22 1	1,136.5	0 79	0.63	-0.48
8,879.0	89 60	0.10	7,950.5	1,199.5	22.3	1,199.5	0.35	0.16	-0.32
8,941.0	89.80	0.10	7,950.9	1,261.5	22.4	1,261.5	0.32	0.32	0.00
9,005.0	90.00	359 70	7,951.0	1,325.5	22.3	1,325.5	0.70	0.31	-0.63
9,068.0	90.00	359.40	7,951.0	1,388.5	21.8	1,388.5	0 48	0.00	-0.48
9,163.0	90.20	359.20	7,950.8	1,483.5	20.6	1,483.5	0.30	0.21	-0.21
9,258.0	90.50	359.00	7,950.2	1,578 5	19.1	1,578.5	0.38	0.32	-0.21
9,353.0	89 50	0.10	7,950.2	1,673 5	18.4	1,673.5	1 56	-1.05	1.16
9,448.0	89.80	0 10	7,950.8	1,768.5	18.6	1,768.5	0.32	0.32	0.00
9,543 0	89.20	0.30	7,951.6	1,863.5	18.9	1,863.5	0.67	-0.63	0.21
9,638.0	89.50	0 30	7,952.7	1,958.5	19.4	1,958 5	0.32	0 32	0.00

DDC Survey Report



Company:	COG Operating, LLC	Local Co-ordinate Reference:	Well MYOX 20 State #1H
Project:	Eddy County, NM	TVD Reference:	GL:3013.3 + 17' KB @ 3030.3usft (Original Well Elev)
Site:	Sec 20: T25S-R28E	MD Reference:	GL:3013.3 + 17' KB @ 3030.3usft (Original Well Elev)
Well:	MYOX 20 State #1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)	
9,734.0	89.90	0.30	7,953.2	2,054.5	19.9	2,054.5	0.42	0.42	0.00	
9,829.0	90.00	0.30	7,953.3	2,149.5	20.4	2,149.5	0.11	0.11	0.00	
9,924.0	90.10	0.40	7,953.2	2,244.5	21.0	2,244.5	0.15	0.11	0.11	
10,019.0	90.10	359.90	7,953.1	2,339.5	21.2	2,339.5	0.53	0.00	-0.53	
10,114.0	89.50	0.10	7,953.4	2,434.5	21.2	2,434.5	0.67	-0.63	0.21	
10,209.0	89.60	359.50	7,954.1	2,529.4	20.9	2,529.4	0.64	0.11	-0.63	
10,304.0	89.80	359.20	7,954.6	2,624.4	19.8	2,624.4	0.38	0.21	-0.32	
10,399.0	88.60	359.50	7,956.0	2,719.4	18.7	2,719.4	1.30	-1.26	0.32	
10,462.0	88.80	359.90	7,957.4	2,782.4	18.4	2,782.4	0.71	0.32	0.63	
10,557.0	89.00	359.70	7,959.2	2,877.4	18.1	2,877.4	0.30	0.21	-0.21	
10,650.0	89.20	0.10	7,960.7	2,970.4	17.9	2,970.4	0.48	0.22	0.43	
10,745.0	89.00	0.30	7,962.2	3,065.4	18.2	3,065.4	0.30	-0.21	0.21	
10,840.0	89.10	0.30	7,963.7	3,160.3	18.7	3,160.3	0.11	0.11	0.00	
10,936.0	88.90	0.30	7,965.4	3,256.3	19.2	3,256.3	0.21	-0.21	0.00	
11,031.0	89.60	359.90	7,966.7	3,351.3	19.4	3,351.3	0.85	0.74	-0.42	
11,126.0	89.80	0.10	7,967.2	3,446.3	19.4	3,446.3	0.30	0.21	0.21	
11,222.0	90.00	359.70	7,967.3	3,542.3	19.2	3,542.3	0.47	0.21	-0.42	
11,317.0	90.40	359.50	7,967.0	3,637.3	18.6	3,637.3	0.47	0.42	-0.21	
11,412.0	90.80	359.40	7,966.0	3,732.3	17.7	3,732.3	0.43	0.42	-0.11	
11,507.0	90.30	359.50	7,965.1	3,827.3	16.8	3,827.3	0.54	-0.53	0.11	
11,601.0	90.00	358.80	7,964.8	3,921.3	15.4	3,921.3	0.81	-0.32	-0.74	
11,696.0	90.10	358.70	7,964.8	4,016.3	13.3	4,016.3	0.15	0.11	-0.11	
11,790.0	90.60	359.20	7,964.2	4,110.2	11.6	4,110.2	0.75	0.53	0.53	
11,885.0	89.30	359.40	7,964.3	4,205.2	10.4	4,205.2	1.38	-1.37	0.21	
11,980.0	89.30	359.20	7,965.4	4,300.2	9.2	4,300.2	0.21	0.00	-0.21	
12,075.0	89.50	359.00	7,966.4	4,395.2	7.8	4,395.2	0.30	0.21	-0.21	
12,170.0	89.80	359.40	7,967.0	4,490.2	6.4	4,490.2	0.53	0.32	0.42	
12,273.0	90.00	359.20	7,967.2	4,593.2	5.2	4,593.2	0.27	0.19	-0.19	
TD @ 12325' MD / 7967' TVD										
12,325.0	90.00	359.20	7,967.2	4,645.2	4.4	4,645.2	0.00	0.00	0.00	

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
7,335.0	7,331.3	37.9	-53.3	Tie In @ 7335' MD / 7331' TVD	
7,860.0	7,798.4	215.8	-1.6	Crossed Hard Line @ 7860' MD / 7798' TVD	
12,325.0	7,967.2	4,645.2	4.4	TD @ 12325' MD / 7967' TVD	

Checked By: _____ Approved By: _____ Date: _____

Company Name COG Operating, LLC
 MYOX 20 State #1H
 Eddy County, NM
 Rig Patriot #3
 Created By Dina Chance
 Date: 03/20/2012
 Design #2 Tie in

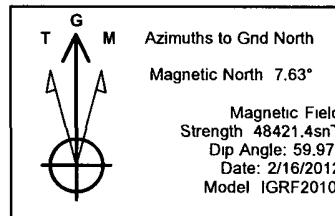
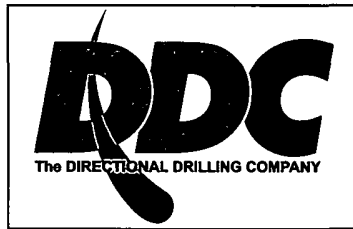
MYOX 20 State #1H
 Eddy County, NM
 Q120125 & WT-12115

PROJECT DETAILS: Eddy County, NM

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level

WELL DETAILS MYOX 20 State #1H

Ground Level		3013.3	
North	East	Latitude	Longitude
403282.70	608361.82	32° 5' 31.556 N	104° 7' 0.702 W



DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	North	East	Latitude	Longitude
PBHL MYOX 20 State #1H Design #2 - plan into target center	7970.0	4645.2	0.0	408027.88	608361.82	32° 7' 17.825 N	104° 7' 0.594 W

ANNOTATIONS

MD	Inc	Alt	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
7335.0	2.17	270.19	7331.3	37.9	-63.3	37.9	207.4	Tie In @ 7335' MD / 7331' TVD
7860.0	61.13	12.46	7798.4	218.3	-1.8	218.9	397.1	Crossed Hard Line @ 7860' MD / 7798' TVD
12325.0	90.00	359.20	7967.2	4645.2	4.4	4645.2	4828.4	TD @ 12325' MD / 7967' TVD

