



March 16, 2017

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 09 2017

RECEIVED

Concho Resources, Inc.
One Concho Center
600 W. Illinois Avenue
Midland, Texas 79701

Attn: Kanicia Castillo

RE: **Myox 6 State No. 002H** - 30-015-41919

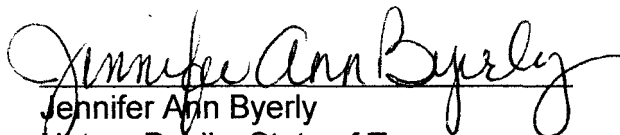
Please find enclosed a copy of the survey from 0' to 7230' ran on the above referenced well.

Sincerely,

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 16th day of March, A.D., 2017, by Keith Havelka.


Jennifer Ann Byerly
Notary Public, State of Texas



Company: COG OPERATING

Lease/Well: MYOX 6 STATE No./002H

Rig Name: PATRIOT 2

State/County: NEW MEXICO/EDDY

VS-Azi: 0.00 Degrees

Latitude: 32.07829, Longitude: -104.12392

Grid North = True North -0.11 degs (NAD 27)

Grid Correction Applied = -0.11 degs



VES SURVEY

Depth Reference : RKB=20 FEET

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: gyro survey-de_01.ut

Minimum Curvature Method

Report Date/Time: 3/16/2017 / 15:21

VES SURVEY INTERNATIONAL
MIDLAND, TEXAS

(432) 563-5444

Surveyor: JAMES NEIL BATES

Myox 6 State No. 002H / API 30-015-41919

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 09 2017

RECEIVED

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
25.00	0.24	134.67	25.00	-0.04	0.04	-0.04	0.05	134.67	0.95
50.00	0.47	138.64	50.00	-0.15	0.14	-0.15	0.21	136.65	0.95
75.00	0.74	142.17	75.00	-0.36	0.31	-0.36	0.47	138.97	1.06
100.00	0.93	147.44	100.00	-0.65	0.52	-0.65	0.83	141.65	0.84
125.00	1.29	154.26	124.99	-1.08	0.75	-1.08	1.31	145.23	1.54
150.00	1.57	149.18	149.98	-1.63	1.05	-1.63	1.93	147.24	1.20
175.00	1.93	147.09	174.97	-2.27	1.45	-2.27	2.70	147.46	1.49
200.00	2.15	154.73	199.96	-3.05	1.88	-3.05	3.59	148.37	1.39
225.00	2.21	158.96	224.94	-3.93	2.25	-3.93	4.53	150.15	0.69
250.00	2.41	160.42	249.92	-4.87	2.60	-4.87	5.53	151.89	0.81
275.00	2.69	165.95	274.89	-5.94	2.92	-5.94	6.62	153.79	1.50
300.00	2.85	160.98	299.86	-7.09	3.27	-7.09	7.81	155.27	1.15
325.00	3.04	160.50	324.83	-8.31	3.69	-8.31	9.09	156.04	0.78
350.00	3.17	163.94	349.79	-9.59	4.10	-9.59	10.44	156.84	0.89
375.00	3.19	160.15	374.75	-10.91	4.53	-10.91	11.81	157.45	0.84
400.00	3.21	163.96	399.72	-12.24	4.96	-12.24	13.20	157.94	0.86

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
425.00	3.00	165.17	424.68	-13.54	5.32	-13.54	14.55	158.55	0.88
450.00	3.17	163.21	449.64	-14.84	5.69	-14.84	15.89	159.03	0.80
475.00	3.27	166.33	474.60	-16.19	6.06	-16.19	17.29	159.49	0.81
500.00	3.35	164.50	499.56	-17.59	6.42	-17.59	18.72	159.95	0.53
525.00	3.24	163.68	524.52	-18.97	6.81	-18.97	20.16	160.24	0.48
550.00	3.25	167.09	549.48	-20.34	7.17	-20.34	21.57	160.58	0.77
575.00	3.12	164.27	574.44	-21.68	7.51	-21.68	22.95	160.89	0.80
600.00	3.11	162.04	599.40	-22.98	7.91	-22.98	24.31	161.02	0.49
625.00	2.76	159.33	624.37	-24.19	8.33	-24.19	25.59	161.00	1.53
650.00	2.54	158.93	649.35	-25.27	8.74	-25.27	26.74	160.92	0.88
675.00	2.44	159.00	674.32	-26.28	9.13	-26.28	27.82	160.85	0.40
700.00	2.27	151.56	699.30	-27.22	9.56	-27.22	28.84	160.65	1.39
725.00	2.21	154.39	724.28	-28.09	10.00	-28.09	29.81	160.40	0.50
750.00	1.95	152.61	749.27	-28.90	10.40	-28.90	30.72	160.20	1.06
775.00	1.96	141.93	774.25	-29.62	10.86	-29.62	31.55	159.85	1.46
800.00	1.84	148.11	799.24	-30.29	11.34	-30.29	32.35	159.48	0.96
825.00	1.90	145.96	824.22	-30.98	11.78	-30.98	33.14	159.17	0.37
850.00	1.87	145.15	849.21	-31.65	12.25	-31.65	33.94	158.85	0.17
875.00	1.95	144.25	874.20	-32.33	12.73	-32.33	34.75	158.51	0.34
900.00	1.88	145.08	899.18	-33.01	13.21	-33.01	35.56	158.19	0.30
925.00	1.71	140.84	924.17	-33.64	13.68	-33.64	36.31	157.87	0.85
950.00	1.66	140.34	949.16	-34.20	14.15	-34.20	37.02	157.53	0.20
975.00	1.55	139.06	974.15	-34.74	14.60	-34.74	37.68	157.20	0.49
1000.00	1.50	130.73	999.14	-35.21	15.07	-35.21	38.30	156.83	0.91
1025.00	1.38	122.99	1024.13	-35.58	15.57	-35.58	38.84	156.37	0.89
1050.00	1.20	119.91	1049.13	-35.88	16.05	-35.88	39.30	155.90	0.80
1075.00	1.04	114.81	1074.12	-36.10	16.48	-36.10	39.69	155.46	0.75
1100.00	1.18	122.21	1099.12	-36.33	16.90	-36.33	40.07	155.05	0.80
1125.00	1.07	124.62	1124.11	-36.60	17.31	-36.60	40.49	154.69	0.49
1150.00	1.06	119.94	1149.11	-36.85	17.70	-36.85	40.88	154.34	0.35
1175.00	1.06	123.79	1174.10	-37.09	18.09	-37.09	41.27	154.00	0.28
1200.00	1.11	127.90	1199.10	-37.37	18.48	-37.37	41.69	153.69	0.38
1225.00	1.11	131.52	1224.09	-37.68	18.85	-37.68	42.13	153.42	0.28
1250.00	1.15	139.73	1249.09	-38.03	19.19	-38.03	42.60	153.22	0.66
1275.00	1.07	137.31	1274.09	-38.39	19.51	-38.39	43.07	153.06	0.36
1300.00	1.08	137.15	1299.08	-38.74	19.83	-38.74	43.52	152.89	0.04
1325.00	1.12	139.93	1324.08	-39.10	20.15	-39.10	43.98	152.74	0.26
1350.00	1.11	141.01	1349.07	-39.47	20.46	-39.47	44.46	152.60	0.09
1375.00	1.13	142.04	1374.07	-39.85	20.76	-39.85	44.94	152.48	0.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/S FT	+E/W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1400.00	0.95	147.17	1399.06	-40.22	21.02	-40.22	45.38	152.40	0.79
1425.00	1.08	142.88	1424.06	-40.58	21.28	-40.58	45.82	152.33	0.59
1450.00	1.05	142.88	1449.05	-40.95	21.56	-40.95	46.28	152.24	0.10
1475.00	1.04	148.94	1474.05	-41.33	21.81	-41.33	46.73	152.18	0.45
1500.00	1.11	151.82	1499.05	-41.74	22.05	-41.74	47.20	152.16	0.37
1525.00	1.11	149.71	1524.04	-42.16	22.28	-42.16	47.69	152.14	0.17
1550.00	1.08	149.26	1549.04	-42.57	22.52	-42.57	48.16	152.12	0.13
1575.00	1.23	151.64	1574.03	-43.01	22.77	-43.01	48.67	152.10	0.63
1600.00	1.10	152.57	1599.03	-43.46	23.01	-43.46	49.17	152.10	0.50
1625.00	1.11	152.08	1624.02	-43.89	23.23	-43.89	49.66	152.10	0.04
1650.00	0.93	143.95	1649.02	-44.26	23.47	-44.26	50.10	152.07	0.91
1675.00	1.01	147.50	1674.01	-44.61	23.70	-44.61	50.52	152.02	0.41
1700.00	1.13	141.44	1699.01	-44.99	23.98	-44.99	50.98	151.95	0.66
1725.00	1.00	133.31	1724.01	-45.34	24.29	-45.34	51.43	151.82	0.80
1750.00	0.94	126.54	1749.00	-45.61	24.61	-45.61	51.82	151.65	0.52
1775.00	0.89	126.12	1774.00	-45.84	24.93	-45.84	52.18	151.46	0.19
1800.00	0.97	123.76	1799.00	-46.07	25.26	-46.07	52.55	151.26	0.35
1825.00	1.17	119.04	1823.99	-46.32	25.66	-46.32	52.95	151.01	0.88
1850.00	1.11	117.76	1848.99	-46.55	26.10	-46.55	53.37	150.72	0.25
1875.00	1.16	117.36	1873.98	-46.78	26.54	-46.78	53.79	150.43	0.19
1900.00	1.39	121.44	1898.97	-47.06	27.03	-47.06	54.27	150.13	0.98
1925.00	1.28	113.42	1923.97	-47.33	27.54	-47.33	54.76	149.80	0.87
1950.00	1.35	113.87	1948.96	-47.56	28.07	-47.56	55.22	149.45	0.31
1975.00	1.39	111.87	1973.95	-47.79	28.62	-47.79	55.70	149.09	0.23
2000.00	1.23	111.30	1998.95	-48.00	29.15	-48.00	56.15	148.73	0.65
2025.00	1.19	109.15	2023.94	-48.18	29.64	-48.18	56.57	148.40	0.22
2050.00	1.20	114.87	2048.94	-48.38	30.12	-48.38	56.99	148.09	0.48
2075.00	1.25	113.56	2073.93	-48.60	30.61	-48.60	57.43	147.79	0.25
2100.00	1.30	110.91	2098.93	-48.81	31.13	-48.81	57.89	147.47	0.31
2125.00	1.28	114.64	2123.92	-49.02	31.65	-49.02	58.35	147.16	0.35
2150.00	1.30	107.55	2148.91	-49.23	32.17	-49.23	58.81	146.83	0.65
2175.00	1.29	106.60	2173.91	-49.39	32.71	-49.39	59.24	146.48	0.10
2200.00	1.22	106.20	2198.90	-49.55	33.24	-49.55	59.66	146.14	0.27
2225.00	1.14	103.57	2223.89	-49.68	33.74	-49.68	60.05	145.82	0.41
2250.00	1.06	104.57	2248.89	-49.80	34.20	-49.80	60.41	145.52	0.33
2275.00	0.92	94.98	2273.89	-49.87	34.62	-49.87	60.71	145.23	0.87
2300.00	0.77	95.74	2298.88	-49.91	34.99	-49.91	60.95	144.97	0.60
2325.00	0.94	107.44	2323.88	-49.98	35.35	-49.98	61.22	144.73	0.98
2350.00	0.82	106.62	2348.88	-50.10	35.72	-50.10	61.53	144.51	0.46

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/S FT	+E/W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2375.00	0.75	112.01	2373.88	-50.21	36.04	-50.21	61.81	144.33	0.42
2400.00	0.61	99.93	2398.87	-50.29	36.33	-50.29	62.04	144.16	0.79
2425.00	0.60	98.38	2423.87	-50.34	36.59	-50.34	62.23	143.99	0.09
2450.00	0.62	95.54	2448.87	-50.37	36.85	-50.37	62.41	143.81	0.14
2475.00	0.56	88.98	2473.87	-50.38	37.11	-50.38	62.57	143.63	0.35
2500.00	0.72	100.01	2498.87	-50.40	37.38	-50.40	62.75	143.44	0.79
2525.00	0.71	99.25	2523.87	-50.46	37.69	-50.46	62.98	143.24	0.05
2550.00	0.81	103.82	2548.86	-50.52	38.02	-50.52	63.23	143.04	0.46
2575.00	0.95	102.92	2573.86	-50.61	38.39	-50.61	63.52	142.82	0.56
2600.00	1.07	96.55	2598.86	-50.68	38.82	-50.68	63.84	142.55	0.66
2625.00	1.12	102.29	2623.85	-50.76	39.29	-50.76	64.19	142.26	0.48
2650.00	1.19	96.33	2648.85	-50.84	39.79	-50.84	64.56	141.96	0.56
2675.00	1.31	97.60	2673.84	-50.91	40.33	-50.91	64.95	141.62	0.52
2700.00	1.13	94.16	2698.84	-50.97	40.86	-50.97	65.32	141.28	0.78
2725.00	0.93	99.89	2723.83	-51.02	41.31	-51.02	65.64	141.01	0.92
2750.00	0.97	100.52	2748.83	-51.09	41.71	-51.09	65.96	140.77	0.18
2775.00	1.14	92.43	2773.82	-51.14	42.17	-51.14	66.28	140.49	0.91
2800.00	1.08	94.60	2798.82	-51.17	42.65	-51.17	66.62	140.19	0.29
2825.00	1.08	90.57	2823.82	-51.19	43.12	-51.19	66.93	139.89	0.31
2850.00	1.23	85.60	2848.81	-51.17	43.63	-51.17	67.25	139.55	0.75
2875.00	1.40	83.91	2873.80	-51.12	44.20	-51.12	67.58	139.15	0.69
2900.00	1.55	84.89	2898.80	-51.06	44.84	-51.06	67.95	138.71	0.60
2925.00	1.56	81.68	2923.79	-50.98	45.51	-50.98	68.34	138.24	0.35
2950.00	1.59	78.54	2948.78	-50.86	46.19	-50.86	68.70	137.75	0.37
2975.00	1.58	78.90	2973.77	-50.72	46.87	-50.72	69.06	137.26	0.06
3000.00	1.52	80.63	2998.76	-50.60	47.53	-50.60	69.43	136.79	0.31
3025.00	1.32	83.43	3023.75	-50.52	48.15	-50.52	69.79	136.38	0.84
3050.00	1.47	79.80	3048.74	-50.43	48.75	-50.43	70.14	135.97	0.71
3075.00	1.36	78.19	3073.73	-50.31	49.36	-50.31	70.48	135.55	0.49
3100.00	1.21	81.86	3098.73	-50.21	49.91	-50.21	70.79	135.17	0.69
3125.00	1.23	75.89	3123.72	-50.11	50.43	-50.11	71.09	134.82	0.52
3150.00	1.21	75.87	3148.72	-49.98	50.94	-49.98	71.37	134.45	0.08
3175.00	1.11	75.80	3173.71	-49.85	51.44	-49.85	71.63	134.11	0.42
3200.00	1.01	76.18	3198.71	-49.74	51.88	-49.74	71.88	133.79	0.40
3225.00	0.91	79.78	3223.70	-49.66	52.29	-49.66	72.11	133.52	0.46
3250.00	0.89	82.20	3248.70	-49.59	52.68	-49.59	72.35	133.27	0.17
3275.00	0.86	81.73	3273.70	-49.54	53.06	-49.54	72.59	133.04	0.13
3300.00	0.77	80.73	3298.70	-49.49	53.41	-49.49	72.81	132.82	0.34
3325.00	0.67	84.06	3323.69	-49.44	53.72	-49.44	73.01	132.63	0.46
3350.00	0.58	96.87	3348.69	-49.44	53.99	-49.44	73.21	132.48	0.66

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3375.00	0.52	93.89	3373.69	-49.47	54.23	-49.47	73.40	132.37	0.27
3400.00	0.57	92.19	3398.69	-49.48	54.46	-49.48	73.58	132.26	0.24
3425.00	0.56	90.49	3423.69	-49.49	54.71	-49.49	73.77	132.13	0.09
3450.00	0.62	78.04	3448.69	-49.46	54.96	-49.46	73.94	131.98	0.57
3475.00	0.61	79.06	3473.69	-49.41	55.23	-49.41	74.10	131.82	0.06
3500.00	0.54	86.04	3498.68	-49.37	55.47	-49.37	74.26	131.67	0.41
3525.00	0.64	94.27	3523.68	-49.37	55.73	-49.37	74.46	131.54	0.54
3550.00	0.54	92.00	3548.68	-49.39	55.99	-49.39	74.66	131.42	0.43
3575.00	0.54	90.08	3573.68	-49.39	56.22	-49.39	74.84	131.30	0.07
3600.00	0.53	84.52	3598.68	-49.38	56.45	-49.38	75.00	131.18	0.21
3625.00	0.60	84.13	3623.68	-49.36	56.70	-49.36	75.17	131.04	0.26
3650.00	0.80	80.93	3648.68	-49.32	57.00	-49.32	75.37	130.87	0.84
3675.00	0.69	76.33	3673.67	-49.25	57.32	-49.25	75.58	130.67	0.52
3700.00	0.57	75.82	3698.67	-49.19	57.59	-49.19	75.73	130.50	0.48
3725.00	0.58	79.67	3723.67	-49.14	57.83	-49.14	75.89	130.35	0.16
3750.00	0.59	78.42	3748.67	-49.09	58.08	-49.09	76.04	130.20	0.06
3775.00	0.48	70.74	3773.67	-49.03	58.31	-49.03	76.18	130.06	0.52
3800.00	0.51	69.22	3798.67	-48.95	58.51	-48.95	76.29	129.92	0.12
3825.00	0.43	65.43	3823.67	-48.87	58.70	-48.87	76.38	129.78	0.32
3850.00	0.35	42.75	3848.67	-48.78	58.84	-48.78	76.43	129.66	0.70
3875.00	0.37	77.87	3873.67	-48.71	58.97	-48.71	76.48	129.56	0.88
3900.00	0.31	58.19	3898.67	-48.65	59.10	-48.65	76.55	129.46	0.53
3925.00	0.38	64.75	3923.67	-48.58	59.24	-48.58	76.61	129.36	0.32
3950.00	0.25	79.78	3948.67	-48.54	59.37	-48.54	76.68	129.27	0.60
3975.00	0.25	102.33	3973.67	-48.54	59.47	-48.54	76.77	129.22	0.39
4000.00	0.23	111.38	3998.67	-48.57	59.57	-48.57	76.86	129.19	0.16
4025.00	0.35	111.10	4023.66	-48.61	59.69	-48.61	76.99	129.16	0.48
4050.00	0.30	95.41	4048.66	-48.65	59.83	-48.65	77.11	129.11	0.42
4075.00	0.31	105.15	4073.66	-48.67	59.96	-48.67	77.23	129.07	0.21
4100.00	0.25	104.03	4098.66	-48.70	60.08	-48.70	77.34	129.03	0.26
4125.00	0.36	117.38	4123.66	-48.75	60.20	-48.75	77.47	129.00	0.53
4150.00	0.33	126.67	4148.66	-48.83	60.33	-48.83	77.62	128.99	0.25
4175.00	0.38	135.11	4173.66	-48.93	60.45	-48.93	77.77	128.99	0.29
4200.00	0.33	141.53	4198.66	-49.05	60.55	-49.05	77.93	129.01	0.26
4225.00	0.40	135.46	4223.66	-49.17	60.66	-49.17	78.08	129.03	0.33
4250.00	0.30	162.89	4248.66	-49.30	60.74	-49.30	78.23	129.06	0.78
4275.00	0.24	159.13	4273.66	-49.41	60.78	-49.41	78.33	129.11	0.24
4300.00	0.45	172.72	4298.66	-49.56	60.81	-49.56	78.45	129.18	0.88
4325.00	0.41	185.85	4323.66	-49.74	60.81	-49.74	78.57	129.28	0.42
4350.00	0.51	169.38	4348.66	-49.94	60.82	-49.94	78.70	129.39	0.66

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4375.00	0.63	164.04	4373.66	-50.19	60.88	-50.19	78.90	129.50	0.52
4400.00	0.50	163.46	4398.66	-50.42	60.95	-50.42	79.11	129.60	0.52
4425.00	0.69	154.42	4423.66	-50.66	61.05	-50.66	79.33	129.69	0.86
4450.00	0.60	147.53	4448.65	-50.91	61.18	-50.91	79.60	129.76	0.48
4475.00	0.59	153.30	4473.65	-51.14	61.31	-51.14	79.84	129.83	0.24
4500.00	0.84	155.71	4498.65	-51.42	61.45	-51.42	80.12	129.92	0.98
4525.00	0.72	157.66	4523.65	-51.73	61.58	-51.73	80.43	130.03	0.46
4550.00	0.80	173.06	4548.65	-52.05	61.66	-52.05	80.69	130.17	0.87
4575.00	0.81	175.97	4573.64	-52.40	61.70	-52.40	80.95	130.34	0.17
4600.00	0.93	175.95	4598.64	-52.78	61.72	-52.78	81.21	130.53	0.47
4625.00	1.02	185.45	4623.64	-53.20	61.72	-53.20	81.48	130.76	0.74
4650.00	0.90	176.61	4648.63	-53.62	61.71	-53.62	81.75	130.99	0.75
4675.00	1.14	172.93	4673.63	-54.06	61.75	-54.06	82.07	131.20	0.97
4700.00	0.98	175.80	4698.62	-54.52	61.79	-54.52	82.41	131.42	0.65
4725.00	1.02	172.59	4723.62	-54.96	61.84	-54.96	82.73	131.63	0.26
4750.00	1.09	184.20	4748.62	-55.41	61.85	-55.41	83.04	131.86	0.90
4775.00	1.26	181.59	4773.61	-55.92	61.82	-55.92	83.36	132.13	0.71
4800.00	1.04	176.53	4798.61	-56.42	61.83	-56.42	83.71	132.38	0.96
4825.00	1.15	166.91	4823.60	-56.90	61.90	-56.90	84.08	132.59	0.86
4850.00	1.24	176.12	4848.60	-57.41	61.98	-57.41	84.48	132.81	0.84
4875.00	1.21	179.09	4873.59	-57.94	62.00	-57.94	84.86	133.06	0.27
4900.00	1.17	189.71	4898.59	-58.46	61.96	-58.46	85.19	133.34	0.89
4925.00	1.11	185.23	4923.58	-58.95	61.89	-58.95	85.48	133.61	0.44
4950.00	1.19	188.26	4948.58	-59.45	61.84	-59.45	85.78	133.87	0.39
4975.00	1.29	177.82	4973.57	-59.99	61.81	-59.99	86.13	134.14	0.99
5000.00	1.24	177.41	4998.56	-60.54	61.83	-60.54	86.54	134.40	0.20
5025.00	1.25	176.89	5023.56	-61.09	61.86	-61.09	86.94	134.64	0.07
5050.00	1.26	178.92	5048.55	-61.63	61.88	-61.63	87.34	134.89	0.18
5075.00	1.45	177.55	5073.54	-62.23	61.90	-62.23	87.77	135.15	0.79
5100.00	1.44	181.54	5098.54	-62.86	61.90	-62.86	88.22	135.44	0.40
5125.00	1.39	172.72	5123.53	-63.47	61.93	-63.47	88.68	135.70	0.90
5150.00	1.33	169.56	5148.52	-64.06	62.02	-64.06	89.17	135.92	0.38
5175.00	1.35	160.08	5173.52	-64.62	62.18	-64.62	89.68	136.10	0.89
5200.00	1.38	156.60	5198.51	-65.18	62.40	-65.18	90.23	136.25	0.35
5225.00	1.52	157.32	5223.50	-65.76	62.64	-65.76	90.82	136.39	0.59
5250.00	1.46	166.60	5248.49	-66.38	62.85	-66.38	91.41	136.56	1.00
5275.00	1.36	160.13	5273.48	-66.97	63.02	-66.97	91.96	136.74	0.75
5300.00	1.41	150.05	5298.48	-67.51	63.28	-67.51	92.53	136.85	0.99
5325.00	1.45	149.32	5323.47	-68.05	63.59	-68.05	93.14	136.94	0.17
5350.00	1.58	148.06	5348.46	-68.61	63.93	-68.61	93.78	137.02	0.53

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5375.00	1.40	151.21	5373.45	-69.17	64.26	-69.17	94.42	137.11	0.78
5400.00	1.24	148.98	5398.45	-69.67	64.55	-69.67	94.98	137.19	0.68
5425.00	1.27	153.75	5423.44	-70.15	64.81	-70.15	95.51	137.27	0.44
5450.00	1.23	152.79	5448.43	-70.64	65.06	-70.64	96.03	137.36	0.20
5475.00	1.35	148.80	5473.43	-71.13	65.33	-71.13	96.58	137.43	0.62
5500.00									
5525.00	1.42	144.22	5498.42	-71.63	65.67	-71.63	97.18	137.49	0.53
5550.00	1.27	156.04	5523.41	-72.14	65.96	-72.14	97.75	137.56	1.26
5550.00	1.27	140.18	5548.41	-72.61	66.25	-72.61	98.29	137.62	1.40
5575.00	1.57	138.66	5573.40	-73.08	66.65	-73.08	98.91	137.63	1.20
5600.00	1.45	149.85	5598.39	-73.61	67.04	-73.61	99.56	137.67	1.27
5625.00									
5625.00	1.50	146.53	5623.38	-74.15	67.38	-74.15	100.19	137.74	0.39
5650.00	1.35	160.25	5648.37	-74.70	67.66	-74.70	100.79	137.83	1.49
5675.00	1.36	156.70	5673.37	-75.25	67.88	-75.25	101.34	137.95	0.34
5700.00	1.37	155.69	5698.36	-75.80	68.12	-75.80	101.91	138.06	0.10
5725.00	1.43	157.21	5723.35	-76.36	68.36	-76.36	102.49	138.16	0.28
5750.00									
5750.00	1.45	158.54	5748.34	-76.94	68.60	-76.94	103.08	138.28	0.15
5775.00	1.40	166.35	5773.34	-77.53	68.78	-77.53	103.65	138.42	0.80
5800.00	1.71	160.95	5798.33	-78.18	68.98	-78.18	104.26	138.58	1.37
5825.00	1.73	162.22	5823.32	-78.90	69.22	-78.90	104.95	138.74	0.17
5850.00	1.72	168.24	5848.31	-79.62	69.41	-79.62	105.63	138.92	0.73
5875.00									
5875.00	1.73	173.28	5873.29	-80.36	69.53	-80.36	106.27	139.13	0.61
5900.00	1.59	183.66	5898.28	-81.08	69.55	-81.08	106.83	139.38	1.32
5925.00	1.69	184.79	5923.27	-81.80	69.50	-81.80	107.34	139.65	0.42
5950.00	1.60	173.71	5948.26	-82.51	69.50	-82.51	107.89	139.89	1.32
5975.00	1.48	181.62	5973.25	-83.18	69.53	-83.18	108.42	140.11	0.97
6000.00									
6000.00	1.32	188.25	5998.25	-83.79	69.48	-83.79	108.85	140.33	0.91
6025.00	0.86	191.34	6023.24	-84.26	69.41	-84.26	109.16	140.52	1.88
6050.00	0.88	187.13	6048.24	-84.63	69.34	-84.63	109.41	140.67	0.27
6075.00	0.77	195.04	6073.24	-84.99	69.28	-84.99	109.65	140.81	0.63
6100.00	0.86	191.88	6098.23	-85.33	69.19	-85.33	109.86	140.96	0.41
6125.00									
6125.00	0.92	192.30	6123.23	-85.71	69.11	-85.71	110.11	141.12	0.21
6150.00	0.85	205.88	6148.23	-86.08	68.99	-86.08	110.31	141.29	0.87
6175.00	0.83	227.11	6173.23	-86.37	68.78	-86.37	110.41	141.47	1.24
6200.00	0.75	225.99	6198.22	-86.60	68.53	-86.60	110.44	141.65	0.34
6225.00	0.73	237.92	6223.22	-86.80	68.27	-86.80	110.44	141.81	0.62
6250.00									
6250.00	0.87	240.75	6248.22	-86.98	67.97	-86.98	110.39	141.99	0.59
6275.00	0.99	258.39	6273.22	-87.11	67.60	-87.11	110.27	142.19	1.24
6300.00	1.29	253.55	6298.21	-87.24	67.12	-87.24	110.07	142.43	1.27
6325.00	1.32	265.92	6323.20	-87.34	66.56	-87.34	109.81	142.69	1.14
6350.00	1.39	261.40	6348.20	-87.40	65.97	-87.40	109.51	142.96	0.50

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6375.00	1.24	264.41	6373.19	-87.48	65.40	-87.48	109.22	143.22	0.66
6400.00	1.27	262.27	6398.18	-87.54	64.86	-87.54	108.95	143.46	0.22
6425.00	1.35	259.88	6423.18	-87.63	64.29	-87.63	108.68	143.73	0.39
6450.00	1.73	250.80	6448.17	-87.80	63.65	-87.80	108.45	144.06	1.79
6475.00	1.72	241.38	6473.16	-88.11	62.96	-88.11	108.29	144.45	1.13
6500.00	1.46	236.97	6498.15	-88.46	62.37	-88.46	108.24	144.82	1.17
6525.00	1.40	230.43	6523.14	-88.83	61.86	-88.83	108.25	145.14	0.69
6550.00	1.62	215.16	6548.13	-89.31	61.43	-89.31	108.40	145.48	1.83
6575.00	1.47	218.01	6573.12	-89.85	61.02	-89.85	108.62	145.82	0.68
6600.00	1.47	223.70	6598.11	-90.34	60.61	-90.34	108.78	146.14	0.58
6625.00	1.47	235.40	6623.11	-90.75	60.12	-90.75	108.86	146.48	1.20
6650.00	1.44	240.74	6648.10	-91.09	59.58	-91.09	108.84	146.81	0.56
6675.00	1.63	246.10	6673.09	-91.38	58.98	-91.38	108.77	147.16	0.96
6700.00	1.59	253.97	6698.08	-91.63	58.32	-91.63	108.61	147.52	0.90
6725.00	1.62	252.87	6723.07	-91.83	57.65	-91.83	108.42	147.88	0.17
6750.00	1.62	255.58	6748.06	-92.02	56.97	-92.02	108.23	148.24	0.31
6775.00	1.60	259.49	6773.05	-92.17	56.28	-92.17	108.00	148.59	0.44
6800.00	1.60	265.58	6798.04	-92.26	55.59	-92.26	107.72	148.93	0.68
6825.00	1.53	273.59	6823.03	-92.27	54.91	-92.27	107.37	149.24	0.92
6850.00	1.51	274.19	6848.02	-92.22	54.25	-92.22	107.00	149.53	0.10
6875.00	1.60	276.47	6873.01	-92.16	53.58	-92.16	106.60	149.83	0.45
6900.00	1.62	272.66	6898.00	-92.10	52.88	-92.10	106.20	150.14	0.44
6925.00	1.52	267.91	6922.99	-92.10	52.19	-92.10	105.86	150.46	0.67
6950.00	1.47	276.21	6947.98	-92.07	51.54	-92.07	105.52	150.76	0.89
6975.00	1.61	276.14	6972.98	-92.00	50.87	-92.00	105.13	151.06	0.53
7000.00	1.71	272.80	6997.97	-91.95	50.15	-91.95	104.74	151.39	0.55
7025.00	1.62	266.31	7022.95	-91.95	49.43	-91.95	104.39	151.74	0.82
7050.00	1.69	272.26	7047.94	-91.96	48.71	-91.96	104.06	152.09	0.74
7075.00	1.65	278.06	7072.93	-91.89	47.98	-91.89	103.67	152.43	0.69
7100.00	1.47	275.99	7097.92	-91.81	47.31	-91.81	103.28	152.74	0.76
7125.00	1.28	279.08	7122.92	-91.73	46.71	-91.73	102.94	153.01	0.78
7150.00	1.17	287.16	7147.91	-91.61	46.19	-91.61	102.60	153.24	0.84
7175.00	0.93	290.26	7172.91	-91.47	45.76	-91.47	102.28	153.42	0.96
7200.00	0.71	290.02	7197.90	-91.35	45.42	-91.35	102.02	153.56	0.91
7230.00	0.49	300.95	7227.90	-91.22	45.14	-91.22	101.77	153.67	0.81



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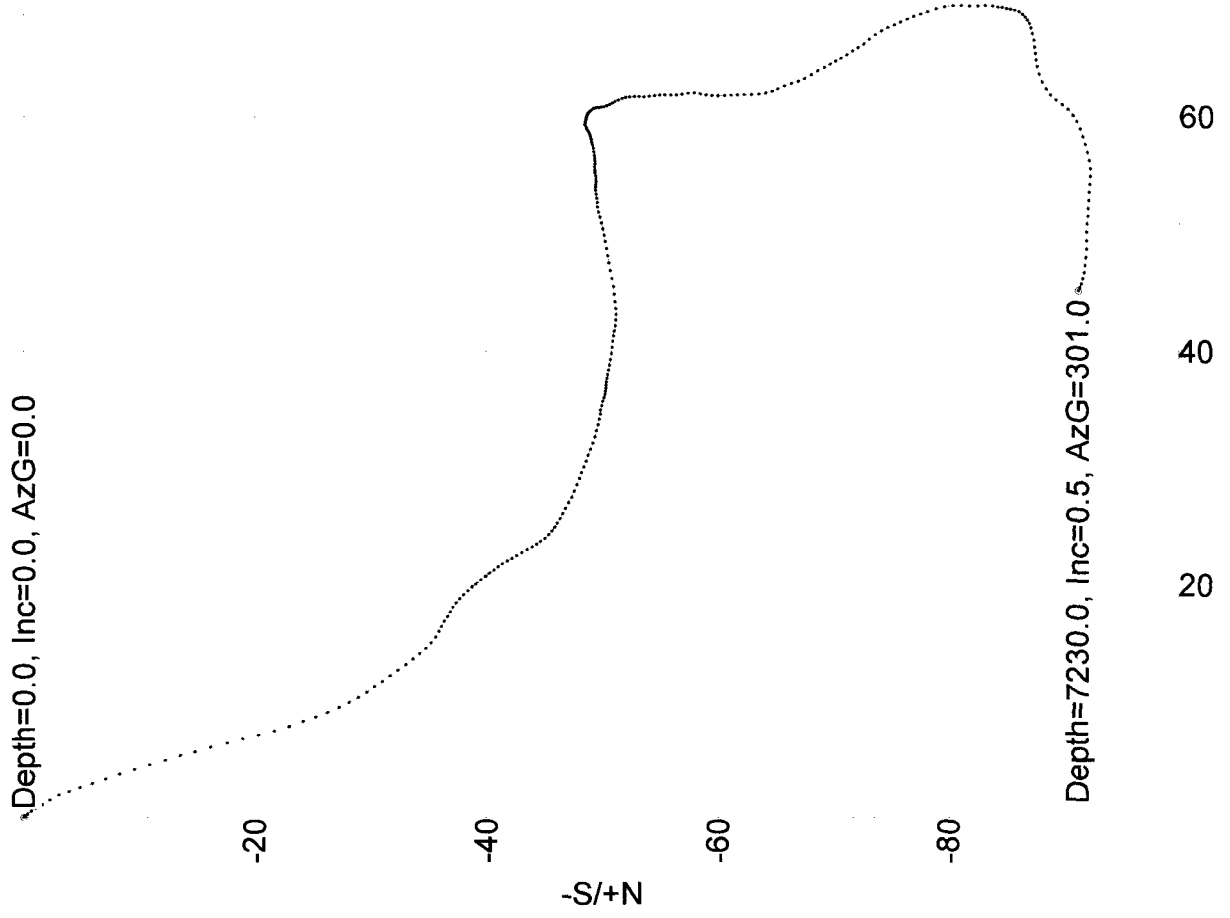
Surveyor: JAMES NEIL BATES

Myox 6 State No. 002H / API 30-015-41919

VES

SURVEY

INTERNATIONAL



VES SURVEY DATE: 3/11/2017

VES SURVEY

I James Neil Bates certify that I am employed by VES Survey International. That I did on the day(s) of 03/12/17 through 03/12/17 conduct or supervise the taking of a Rate Gyro survey from a depth of 0.00 feet to a depth of 7,230.00 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Vaughn Energy Services, that I am authorized and qualified to make this report; that this survey was conducted at the request of COG Operating for the Myox 6 State Well # 2H API # 30-015-41919 in Eddy County / Parish New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by VES Survey International.



James Neil Bates
Service Technician
VES Survey International