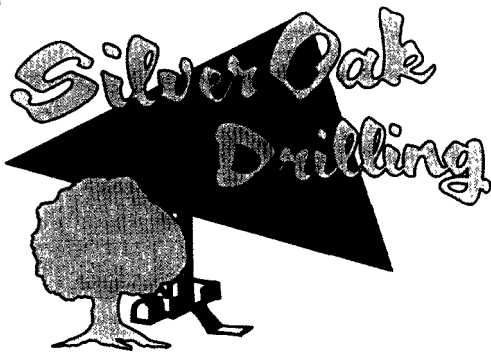




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

July 10, 2017

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

RE: Burch Keely Unit 964H
1485' FNL & 215' FEL
Sec. 24, T17S, R29E
Eddy County, New Mexico
30-05-44149

Dear Sir,

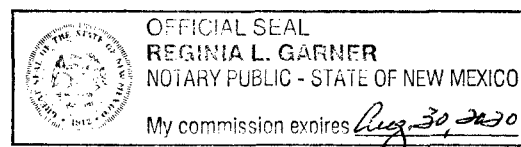
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Asst. Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 10th day of July, 2017.

Notary Public

Burch Keely Unit 964H

Date	Depth	Deviation	Direction
6/26/2017	492	0.70	
6/26/2017	872	1.40	
6/27/2017	1156	0.86	60.03
6/27/2017	1251	0.26	272.12
6/27/2017	1346	1.82	255.84
6/27/2017	1440	3.32	247.87
6/27/2017	1534	4.98	245.97
6/28/2017	1624	6.01	239.32
6/28/2017	1723	6.90	232.78
6/28/2017	1818	7.85	234.20
6/28/2017	1913	7.51	234.94
6/28/2017	2007	8.14	234.64
6/28/2017	2102	7.65	234.80
6/28/2017	2576	9.48	241.17
6/28/2017	2671	9.47	243.25
6/28/2017	2765	9.75	243.54
6/28/2017	2859	9.92	252.26
6/28/2017	2954	9.29	248.56
6/28/2017	3048	8.61	237.14
6/29/2017	3143	8.67	230.00
6/29/2017	3238	7.64	228.51
6/29/2017	3332	6.43	231.37
6/29/2017	3427	6.47	233.48
6/29/2017	3522	6.60	234.38
6/29/2017	3616	6.75	238.92
6/29/2017	3993	3.07	207.00
6/29/2017	4087	2.16	201.09
6/29/2017	4182	1.16	164.27
6/29/2017	4277	1.01	168.28
6/29/2017	4308	1.88	116.01
6/29/2017	4339	3.37	95.65
6/29/2017	4370	6.63	89.30
6/29/2017	4402	9.62	82.91
6/29/2017	4434	12.79	83.14
6/30/2017	4465	16.04	82.60
6/30/2017	4497	19.39	82.57
6/30/2017	4528	22.80	83.19
6/30/2017	4560	26.37	83.57
6/30/2017	4591	29.93	84.41
6/30/2017	4623	33.38	85.64
6/30/2017	4654	36.55	87.92
6/30/2017	4686	39.47	90.53
6/30/2017	4749	44.50	91.60

Date	Depth	Deviation	Direction
6/30/2017	4843	46.77	92.00
6/30/2017	4874	47.11	92.91
6/30/2017	4906	47.43	92.32
6/30/2017	4938	49.11	92.30
6/30/2017	4969	52.23	91.57
6/30/2017	5000	55.27	91.21
6/30/2017	5064	61.64	90.37
6/30/2017	5095	64.97	89.19
6/30/2017	5127	68.27	88.92
7/1/2017	5164	71.84	90.07
7/1/2017	5196	74.70	90.14
7/1/2017	5227	77.96	89.84
7/1/2017	5259	80.87	89.66
7/1/2017	5290	83.99	89.36
7/1/2017	5322	87.26	88.39
7/1/2017	5416	89.60	88.84
7/1/2017	5511	89.70	89.53
7/1/2017	5606	90.96	89.97
7/1/2017	5700	81.25	90.23
7/1/2017	5795	90.96	89.66
7/1/2017	5890	91.29	90.49
7/2/2017	5984	91.43	90.86
7/2/2017	6079	91.33	91.77
7/2/2017	6174	90.81	90.87
7/2/2017	6269	90.80	91.12
7/2/2017	6304	90.75	89.99
7/2/2017	6458	90.68	89.29
7/2/2017	6553	90.79	89.12
7/2/2017	6742	89.53	87.97
7/2/2017	6837	89.57	87.68
7/2/2017	6932	90.92	88.70
7/2/2017	7027	92.10	90.46
7/2/2017	7121	91.94	90.44
7/3/2017	7215	92.07	90.99
7/3/2017	7310	91.35	90.31
7/3/2017	7404	90.99	90.75
7/3/2017	7499	91.18	89.79
7/3/2017	7593	90.97	89.92
7/3/2017	7688	91.25	89.74
7/3/2017	7783	91.42	89.46
7/3/2017	7877	91.34	90.06
7/3/2017	7972	91.01	90.63
7/3/2017	8066	91.59	89.51
7/3/2017	8161	91.66	90.17
7/3/2017	8256	92.03	88.95

Date	Depth	Deviation	Direction
7/4/2017	8351	91.95	89.33
7/4/2017	8446	91.62	89.88
7/4/2017	8636	91.33	90.51
7/4/2017	8826	90.49	89.14
7/4/2017	8920	90.44	88.75
7/4/2017	9014	90.54	89.02
7/4/2017	9109	90.48	89.71
7/4/2017	9203	90.75	89.70
7/4/2017	9298	91.03	90.57
7/4/2017	9393	90.45	89.26
7/4/2017	9487	90.58	89.37
7/4/2017	9582	90.70	90.04
7/5/2017	9676	91.15	90.57
7/5/2017	9770	89.47	90.54
7/5/2017	9960	89.47	89.17