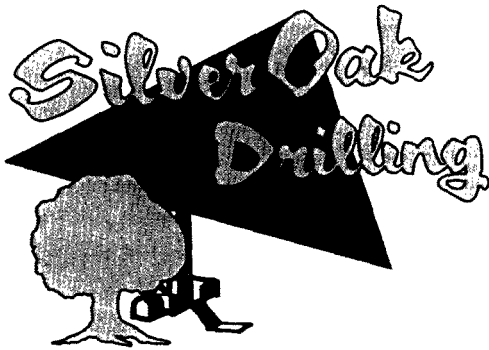




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 09 2017

RECEIVED

August 17, 2017

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

RE: Burkett 16 St 12H
1160' FNL & 1630' FEL
Sec. 16, T17S, R31E
Eddy County, New Mexico

30-015-44268

Dear Sir,

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

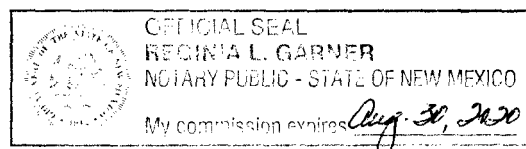
Very truly yours,

Chris Graham
Asst. Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 17th day of August, 2017.

Notary Public



Burkett 16 St 12H

Date	Depth	Deviation	Direction
8/6/2017	112	0.30	
8/8/2017	830	0.40	
8/8/2017	1051	1.10	
8/8/2017	1304	0.80	
8/9/2017	1915	1.98	68.42
8/10/2017	2010	4.33	
8/10/2017	2106	5.64	38.44
8/10/2017	2200	6.66	34.05
8/10/2017	2295	6.24	35.38
8/10/2017	2390	7.25	38.27
8/10/2017	2484	6.61	40.27
8/10/2017	2580	7.52	79.20
8/10/2017	2675	8.47	38.93
8/10/2017	2770	7.70	41.71
8/10/2017	2865	8.19	37.45
8/10/2017	2959	9.99	62.75
8/10/2017	3054	9.29	45.51
8/10/2017	3148	8.69	43.53
8/10/2017	3293	10.14	47.77
8/10/2017	3338	9.87	47.97
8/10/2017	3433	9.54	48.69
8/11/2017	3528	10.12	38.82
8/11/2017	3623	9.54	30.29
8/11/2017	3718	7.72	32.28
8/11/2017	3813	6.09	33.87
8/11/2017	3902	4.30	35.85
8/11/2017	4002	2.89	14.61
8/11/2017	4091	0.54	336.78
8/11/2017	4192	0.77	309.52
8/11/2017	4287	0.09	174.11
8/11/2017	4388	0.11	233.54
8/11/2017	4477	0.32	263.45
8/11/2017	4508	1.69	269.68
8/11/2017	4540	3.49	368.76
8/11/2017	4572	7.35	268.36
8/11/2017	4603	10.91	270.70
8/11/2017	4635	14.58	273.04
8/11/2017	4666	18.35	275.29
8/11/2017	4698	21.96	275.68
8/11/2017	4730	25.70	272.97
8/11/2017	4767	29.07	270.01
8/11/2017	4792	32.75	267.64

Date	Depth	Deviation	Direction
8/11/2017	4824	36.61	267.14
8/11/2017	4855	40.68	267.22
8/12/2017	4919	46.32	267.76
8/12/2017	4950	46.94	267.92
8/12/2017	4982	47.35	267.81
8/12/2017	5013	47.64	267.58
8/12/2017	5045	47.97	268.53
8/12/2017	5077	47.71	271.57
8/12/2017	5108	48.52	271.57
8/12/2017	5203	57.56	271.59
8/12/2017	5330	69.50	268.58
8/12/2017	5425	78.52	270.55
8/12/2017	5519	87.05	271.40
8/12/2017	5551	88.09	271.40
8/12/2017	5614	89.31	271.20
8/12/2017	5708	90.62	271.50
8/12/2017	5813	92.43	269.49
8/13/2017	5906	92.16	268.04
8/13/2017	6002	92.16	208.48
8/13/2017	6191	91.97	269.12
8/13/2017	6285	91.50	269.37
8/13/2017	6380	91.57	268.91
8/13/2017	6475	91.54	270.12
8/13/2017	6569	91.45	269.88
8/13/2017	6665	91.60	270.52
8/13/2017	6758	91.38	268.68
8/13/2017	6853	91.48	268.97
8/13/2017	6948	90.98	269.02
8/13/2017	7043	90.81	269.21
8/13/2017	7139	90.22	269.57
8/13/2017	7233	91.64	270.45
8/13/2017	7328	91.66	271.27
8/13/2017	7423	91.80	269.75
8/13/2017	7518	91.96	269.34
8/14/2017	7613	91.85	269.90
8/14/2017	7708	91.51	269.96
8/14/2017	7802	91.13	270.15
8/14/2017	7891	91.70	268.75
8/14/2017	7992	91.01	268.48
8/14/2017	8087	92.07	268.02
8/14/2017	8182	91.58	268.04
8/14/2017	8277	92.61	269.12
8/14/2017	8372	91.68	270.00
8/14/2017	8467	91.06	270.04
8/14/2017	8562	92.14	271.76