



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

May 1, 2017

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

RE: Burch Keely Unit 944H
1085' FSL & 149' FEL
Sec. 13, T17S, R29E
Eddy County, New Mexico
30-015-44079

Dear Sir,

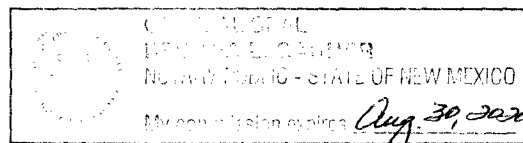
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Asst. Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 1st day of May, 2017.

Notary Public

BURCH KEELY UNIT #944H

Date	Depth	Deviation	Direction	TVD
4/18/2017	176	2.90	0.00	0.00
4/20/2017	533	0.40	0.00	0.00
4/20/2017	993	1.10	0.00	0.00
4/21/2017	1133	1.20	1.20	0.00
4/21/2017	1227	1.10	278.90	0.00
4/21/2017	1417	4.60	270.40	0.00
4/21/2017	1511	4.60	272.40	0.00
4/21/2017	1606	4.40	247.40	0.00
4/21/2017	1701	4.50	242.40	0.00
4/21/2017	1796	4.40	242.10	0.00
4/21/2017	1890	4.10	241.20	0.00
4/21/2017	1984	3.80	243.00	0.00
4/21/2017	2079	3.70	244.00	0.00
4/21/2017	2173	3.60	244.20	0.00
4/22/2017	2268	3.30	244.50	0.00
4/22/2017	2363	3.20	248.00	0.00
4/22/2017	2457	3.10	247.90	0.00
4/22/2017	2552	4.90	252.50	0.00
4/22/2017	2647	5.60	256.20	0.00
4/22/2017	2741	5.80	257.70	0.00
4/22/2017	3120	4.70	245.20	0.00
4/22/2017	3215	4.70	244.60	0.00
4/22/2017	3309	4.70	247.30	0.00
4/22/2017	3404	4.80	252.50	0.00
4/22/2017	3498	4.80	254.80	0.00
4/22/2017	3593	4.60	244.40	0.00
4/22/2017	3688	4.80	242.90	0.00
4/22/2017	3783	5.00	245.20	0.00
4/23/2017	3878	3.90	235.00	0.00
4/23/2017	3972	4.10	234.10	0.00
4/23/2017	4067	2.20	214.80	0.00
4/23/2017	4162	2.20	166.70	0.00
4/23/2017	4193	2.10	162.70	0.00
4/23/2017	4225	1.60	151.90	0.00
4/23/2017	4382	13.30	90.90	0.00
4/23/2017	4414	17.10	86.70	0.00
4/23/2017	4445	21.10	85.80	0.00
4/23/2017	4477	24.90	85.70	0.00
4/23/2017	4509	28.00	86.00	0.00
4/23/2017	4540	30.30	86.50	0.00
4/23/2017	4572	32.40	87.00	0.00
4/23/2017	4603	34.90	87.70	0.00

Date	Depth	Deviation	Direction	TVD
4/23/2017	4635	36.80	89.00	0.00
4/23/2017	4666	40.30	89.90	0.00
4/23/2017	4698	43.00	90.10	0.00
4/23/2017	4730	45.80	89.90	0.00
4/23/2017	4761	44.10	89.90	0.00
4/23/2017	4793	44.70	89.80	0.00
4/23/2017	4825	45.20	89.15	0.00
4/23/2017	4856	45.10	89.40	0.00
4/24/2017	4919	47.40	89.70	0.00
4/24/2017	4950	50.50	90.20	0.00
4/24/2017	4982	53.70	90.80	0.00
4/24/2017	5013	56.20	91.10	0.00
4/24/2017	5045	59.10	90.60	0.00
4/24/2017	5076	61.40	89.90	0.00
4/24/2017	5140	68.30	88.10	0.00
4/24/2017	5171	72.10	89.00	0.00
4/24/2017	5203	77.20	90.50	0.00
4/24/2017	5234	82.60	90.00	0.00
4/24/2017	5266	86.90	90.00	0.00
4/24/2017	5298	88.90	89.90	0.00
4/25/2017	5397	89.80	90.20	0.00
4/25/2017	5491	90.20	90.10	0.00
4/25/2017	5587	90.20	90.00	0.00
4/25/2017	5681	90.70	90.00	0.00
4/25/2017	5776	91.10	88.90	0.00
4/25/2017	5966	91.80	89.20	0.00
4/25/2017	6060	91.90	89.20	0.00
4/25/2017	6155	90.10	89.60	0.00
4/25/2017	6249	89.80	89.90	0.00
4/25/2017	6344	90.00	90.10	0.00
4/26/2017	6439	90.40	90.60	0.00
4/26/2017	6534	90.70	91.20	0.00
4/26/2017	6628	90.50	89.40	0.00
4/26/2017	6723	90.20	89.20	0.00
4/26/2017	6817	90.60	90.00	0.00
4/26/2017	6912	91.10	89.40	0.00
4/26/2017	7006	91.60	89.70	0.00
4/26/2017	7101	91.80	89.90	0.00
4/26/2017	7195	92.00	90.30	0.00
4/26/2017	7290	90.90	89.50	0.00
4/26/2017	7385	91.40	89.60	0.00
4/27/2017	7574	91.60	89.90	4913.60
4/27/2017	7579	91.40	89.80	4916.10
4/27/2017	7669	91.80	90.40	4910.80
4/27/2017	7764	92.30	90.70	4907.40

Date	Depth	Deviation	Direction	TVD
4/27/2017	8048	90.50	89.70	4902.90
4/27/2017	8142	90.50	89.90	4902.10
4/27/2017	8237	90.80	89.90	4901.00
4/27/2017	8332	91.20	90.10	4899.40
4/27/2017	8426	90.90	88.70	4897.70
4/27/2017	8521	91.00	88.70	4896.10
4/28/2017	8616	90.80	89.10	4894.60
4/28/2017	8710	90.00	89.40	4893.20
4/28/2017	8804	91.40	89.50	4891.30
4/28/2017	8899	91.60	90.00	4888.80
4/28/2017	8993	91.70	90.60	4886.10
4/28/2017	9088	90.20	89.90	4884.50
4/28/2017	9277	90.90	90.30	4882.60
4/28/2017	9371	91.20	90.60	4880.90
4/28/2017	9465	90.70	89.80	4879.40
4/29/2017	9656	90.40	89.10	4877.10
4/29/2017	9750	90.70	89.10	4876.20
4/29/2017	9845	90.90	89.20	4874.90

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