



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

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 17 2017

RECEIVED

February 8, 2017

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

RE: Pinto 36 State Com 7H
150' FEL & 1700' FEL
Sec. 36, T18S, R25E
Eddy County, New Mexico

ACI - 30-015-39973

Dear Sir,

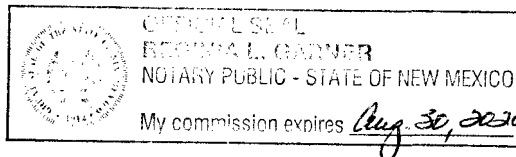
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Asst. Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 8th day of February, 2017.

Notary Public

PINTO 36 STATE COM 7H

Date	Depth	Deviation	Direction	TVD
1/31/2017	155	1.20	195.00	0.00
1/31/2017	242	1.80	190.00	0.00
1/31/2017	330	3.60	199.10	0.00
1/31/2017	418	4.00	205.30	0.00
1/31/2017	507	5.40	206.80	0.00
1/31/2017	594	5.80	205.90	0.00
1/31/2017	686	4.70	201.70	0.00
1/31/2017	777	5.00	192.80	0.00
1/31/2017	869	5.20	189.80	0.00
1/31/2017	900	5.20	190.80	0.00
2/1/2017	994	5.70	189.80	0.00
2/1/2017	1088	6.20	184.20	0.00
2/1/2017	1150	6.20	182.40	0.00
2/2/2017	1244	6.20	181.80	1239.90
2/2/2017	1307	5.30	176.80	0.00
2/2/2017	1401	4.80	177.60	0.00
2/2/2017	1495	4.80	177.60	0.00
2/2/2017	1590	4.70	176.60	0.00
2/2/2017	1779	3.20	169.80	0.00
2/2/2017	1873	1.30	185.90	0.00
2/2/2017	1968	0.60	90.70	0.00
2/3/2017	2062	2.20	23.60	2055.80
2/3/2017	2157	12.10	7.20	2149.90
2/3/2017	2251	23.10	359.40	2239.40
2/3/2017	2440	42.70	1.20	0.00
2/3/2017	2534	44.40	0.90	0.00
2/3/2017	2692	50.50	359.70	0.00
2/3/2017	2786	61.80	1.20	0.00
2/3/2017	2880	72.40	2.00	0.00
2/3/2017	2944	78.60	359.10	0.00
2/4/2017	3101	90.20	358.50	2689.50
2/4/2017	3195	91.60	359.70	2688.10
2/4/2017	3290	91.80	0.20	2685.20
2/4/2017	3384	92.00	0.50	2682.10
2/4/2017	3479	92.10	1.10	2678.70
2/4/2017	3573	92.30	1.20	2675.10
2/4/2017	3668	91.70	0.40	2671.80
2/4/2017	3857	92.20	0.90	0.00
2/4/2017	3951	91.70	359.90	0.00
2/4/2017	4045	91.60	0.10	0.00
2/4/2017	4140	91.40	0.40	0.00
2/4/2017	4235	91.00	0.50	0.00
2/4/2017	4329	92.90	0.00	0.00

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 17 2017

RECEIVED

Date	Depth	Deviation	Direction	TVD
2/4/2017	4518	90.80	359.10	0.00
2/4/2017	4613	91.20	359.00	0.00
2/5/2017	4801	91.90	359.40	2637.70
2/5/2017	4895	91.90	359.70	2634.60
2/5/2017	4990	89.90	0.00	2633.10
2/5/2017	5084	90.90	2632.50	2632.50
2/5/2017	5179	91.20	0.80	2630.70
2/5/2017	5368	91.50	0.70	2626.50
2/5/2017	5558	92.20	1.00	2619.30
2/5/2017	5652	92.40	1.00	2615.50
2/5/2017	5747	91.00	1.10	2612.70
2/5/2017	5841	91.30	1.20	2610.80
2/5/2017	5935	91.50	1.30	2608.50
2/5/2017	6124	91.40	0.00	2603.40
2/5/2017	6187	91.40	0.40	2601.80
2/6/2017	6376	90.40	0.00	2597.20
2/6/2017	6470	90.70	359.80	2596.30
2/6/2017	6565	90.90	0.20	2594.90
2/6/2017	6660	91.20	0.50	2593.20
2/6/2017	6754	91.60	0.60	2590.50
2/6/2017	6849	91.90	1.00	2588.00
2/6/2017	6943	90.20	0.20	2586.30
2/6/2017	7038	90.40	0.50	2585.60
2/6/2017	7132	90.50	0.60	2585.10
2/6/2017	7227	90.80	0.80	2584.00
2/6/2017	7321	90.90	1.20	2582.60
2/6/2017	7376	90.90	1.30	2581.70

EOF

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 17 2017

RECEIVED