



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

30-015-40881

May 6, 2013

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

RE: Dodd Federal Unit #642
270' FNL & 1020' FEL
Sec. 22, T17S, R29E
Eddy County, New Mexico

Dear Sir,

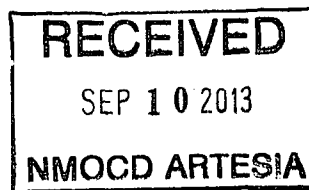
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Chris Graham".

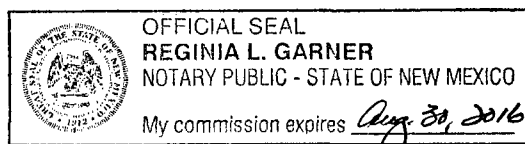
Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }



The foregoing was acknowledged before me this 6th day of May, 2013.

A handwritten signature in cursive script, appearing to read "Regina L. Garner".

Notary Public

Dodd Federal Unit #642

Date	Depth	Dev/Inc	Dir/AZ	TVD
4/26/2013	233	1.20		
4/28/2013	509	0.80		
4/28/2013	690	0.90		
4/29/2013	883	0.60	38.60	973
4/30/2013	946	0.50	40.00	945.92
4/30/2013	1047	1.50	158.30	1041.91
4/30/2013	1137	1.30	160.40	1136.89
4/30/2013	1201	1.90	165.90	1200.86
4/30/2013	1265	1.80	165.80	1264.83
4/30/2013	1328	1.60	168.10	1327.8
4/30/2013	1392	1.60	168.30	
4/30/2013	1456	1.15	169.10	
4/30/2013	1519	1.30	164.90	
4/30/2013	1711	1.60	152.00	1710
4/30/2013	1774	1.60	153.60	
4/30/2013	1838	2.10	144.70	
4/30/2013	1902	1.80	138.10	
4/30/2013	1995	2.10	161.30	
4/30/2013	2091	2.30	152.80	
4/30/2013	2186	2.00	151.00	
4/30/2013	2282	2.00	153.80	
4/30/2013	2378	2.20	148.60	2377
4/30/2013	2473	1.10	151.20	2472
4/30/2013	2569	1.70	147.80	2568
4/30/2013	2665	2.00	147.50	
4/30/2013	2761	2.20	148.60	2760
5/1/2013	2856	1.90	140.90	2855.03
5/1/2013	2952	1.80	140.60	2950.98
5/1/2013	3143	1.70	139.50	3141.88
5/1/2013	3334	2.20	160.70	
5/1/2013	3430	2.10	156.80	
5/1/2013	3525	1.60	142.40	
5/1/2013	3621	1.50	142.80	
5/1/2013	3716	1.50	142.50	
5/1/2013	3812	1.70	142.50	3810
5/1/2013	3908	1.00	157.70	3906
5/1/2013	4003	0.30	199.00	4001
5/2/2013	4121	0.80		
5/2/2013	4190	0.30		
5/2/2013	4277	0.50		
5/2/2013	4347	0.40		
5/2/2013	4583	0.60		