



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

June 30, 2011

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

30-015-38641

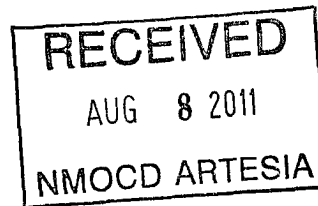
RE: Dodd Federal Unit #649
1435' FNL & 958' FEL WL H
Sec. 22, T17S, R29E
Eddy County, New Mexico

Dear Sir,

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

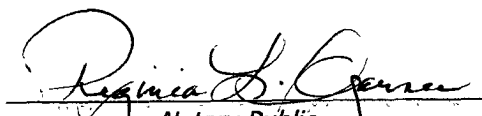
Very truly yours,

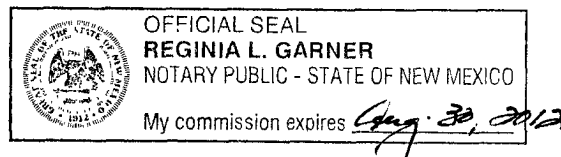

Eddie C. LaRue
Operations Manager



State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of June, 2011.


Regina L. Garner
Notary Public



Dodd Federal Unit #649

Date	Depth	Dev/Inc	Dir/AZ	TVD
6/24/2011	345	1.30		
6/24/2011	656	1.10		
6/26/2011	963	1.14	113.55	
6/26/2011	1154	1.50	130.40	
6/26/2011	1345	4.00	122.50	
6/26/2011	1599	6.60	128.10	
6/26/2011	1854	12.10	110.90	
6/26/2011	1972	11.50	106.20	
6/26/2011	2035	9.80	107.00	
6/26/2011	2099	9.10	113.90	
6/27/2011	2300	13.60	109.20	
6/27/2011	2427	13.10		
6/27/2011	3245	10.60	105.50	
6/27/2011	3940	9.80	110.00	
6/28/2011	3382	9.80	109.30	
6/28/2011	3478	9.60	109.30	
6/28/2011	3765	10.40	111.30	
6/28/2011	3860	10.60	112.50	
6/28/2011	4137	10.20	109.50	
6/28/2011	4201	10.40	110.00	
6/28/2011	4296	10.60	108.00	