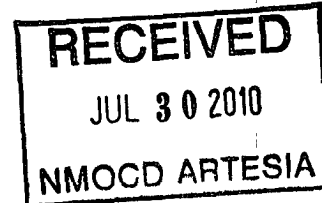




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288



May 17, 2010

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

RE: Electra Federal #48
1650' FSL & 2310' FWL
Sec. 10, T17S, R30E
Eddy County, New Mexico

Dear Sir,

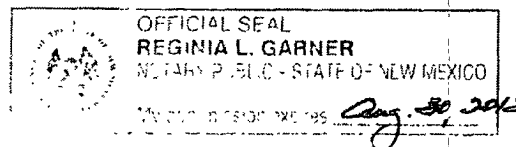
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 17th day of May, 2010.

Notary Public

Electra Fed #48

Date	Depth	TVD	
5/6/2010	226.2	266	
5/8/2010	673	0.9	713
5/8/2010	1151	0.6	1191
5/9/2010	1600	0.6	
5/10/2010	2078	0.2	
5/10/2010	2555	0.6	2625
5/11/2010	2895	0.8	
5/11/2010	3383	0.9	3453
5/12/2010	3862	0.6	3932
5/12/2010	4329	0.9	4399
5/13/2010	4818	0.5	4888
5/13/2010	5293	0.1	5365
5/14/2010	5773	0.1	
5/15/2010	5944	1.4	

MR