



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

May 24, 2011

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

30-015-37869
RE: State S-19 #34
1700' FSL & 700' FWL
Sec. 19, T17S, R29E *UL L*
Eddy County, New Mexico

Dear Sir,

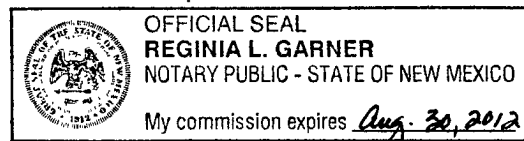
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 24th day of May, 2011.

Notary Public

State S-19 #34

Date	Depth	Deviation
5/15/2011	377	0.20
5/15/2011	845	0.90
5/16/2011	1305	0.30
5/17/2011	1783	0.40
5/17/2011	2282	0.30
5/17/2011	2770	0.30
5/17/2011	3248	0.30
5/18/2011	3726	0.20
5/19/2011	4204	0.10
4/19/2011	4704	0.90
5/20/2011	5191	0.30
5/20/2011	5541	1.00