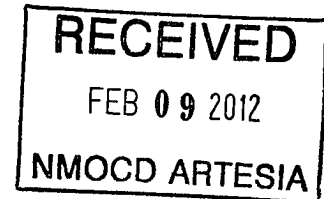




30-015-39571
PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288



December 6, 2011

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

RE: Burch Keely Unit #644
1980' FNL & 1870' FEL
Sec. 19, T17S, R30E
Eddy County, New Mexico

Dear Sir,

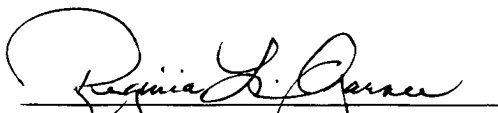
The attached is the Deviation Survey for the above captioned well.

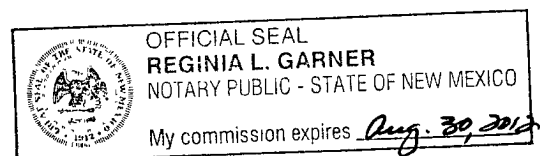
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 6th day of December, 2011.


Notary Public



Burch Keely Unit #644

Date	Depth	Dev/Inc
11/28/2011	287	0.20
11/30/2011	735	1.40
11/30/2011	1179	2.00
12/2/2011	1718	1.10
12/2/2011	2196	1.00
12/2/2011	2674	0.70
12/2/2011	3182	0.30
12/3/2011	3629	0.10
12/3/2011	4107	0.50
12/3/2011	4585	0.10