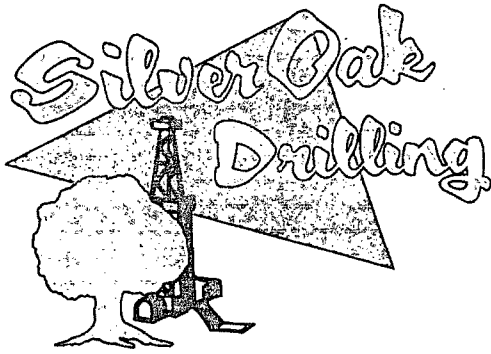
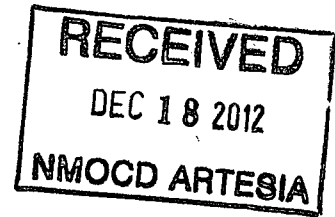




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-015-40324



August 6, 2012

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

RE: Burch Keely Unit #546
175' FNL & 2550' FWL
Sec. 24, T17S, R29E
Eddy County, New Mexico

Dear Sir,

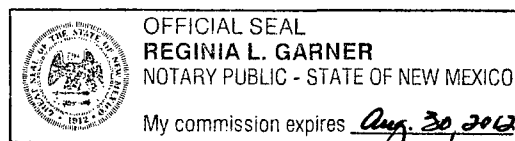
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 6th day of August, 2012.



Burch Keely Unit #546

Date	Depth	Dev/Inc
7/30/2012	267	0.70
8/1/2012	488	0.30
8/1/2012	881	1.30
8/1/2012	1009	1.40
8/2/2012	1221	0.80
8/2/2012	1667	0.10
8/2/2012	2049	0.60
8/3/2012	2420	0.10
8/3/2012	2866	0.20
8/3/2012	3356	0.70
8/3/2012	3802	0.10
8/3/2012	4217	0.30
8/4/2012	4638	0.30

TD 4708'