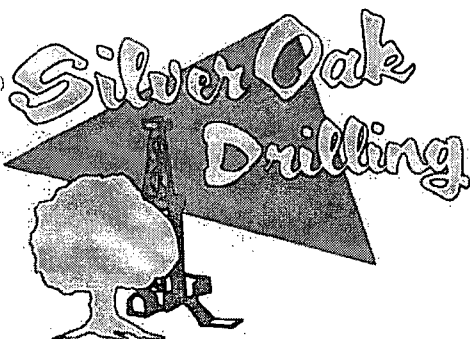




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30-015-40897

April 10, 2013

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

RE: McIntyre DK Federal #18
990' FSL & 1650' FWL
Sec. 17, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

Very truly yours,

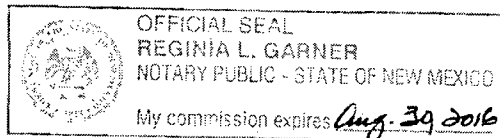
A handwritten signature in cursive script, appearing to read "Chris Graham".

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 10th day of April, 2013.

A handwritten signature in cursive script, appearing to read "Regina L. Garner".

Notary Public

McIntyre DK Fed #18

Date	Depth	Deviation
4/2/2013	194	0.70
4/3/2013	274	1.10
4/4/2013	446	1.10
4/4/2013	768	1.00
4/5/2013	1060	0.50
4/6/2013	1506	1.00
4/6/2013	1882	0.30
4/6/2013	2257	0.10
4/7/2013	2694	0.30
4/7/2013	3131	0.40
4/7/2013	3569	0.40
4/7/2013	4008	0.70
4/8/2013	4477	0.50