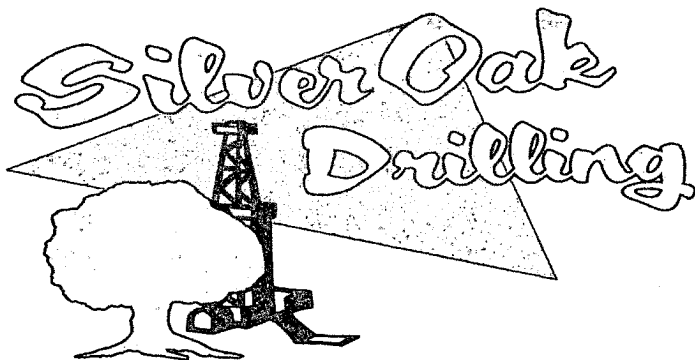




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

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October 21, 2010

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

30-025-3A619

RE: MC Federal #45 Unit A
135' FNL & 330' FEL
Sec. 21, T17S, R32E
Lea County, New Mexico

Dear Sir,

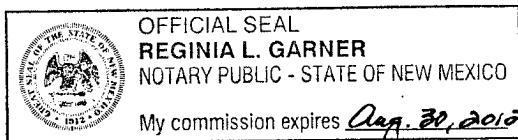
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 21st day of October, 2010.

Notary Public

FEB 16 2011

MC Fed #45

Date	Depth	Deviation
10/12/2010	233	0.40
10/12/2010	500	0.70
10/14/2010	957	0.70
10/14/2010	1430	0.30
10/14/2010	1903	1.90
10/16/2010	2338	1.30
10/16/2010	2559	0.90
10/16/2010	3031	1.50
10/16/2010	3504	1.20
10/17/2010	4010	1.80
10/17/2010	4991	0.80
10/17/2010	5460	0.50
10/18/2010	5960	0.20
10/19/2010	6439	0.40
10/19/2010	6940	0.30

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