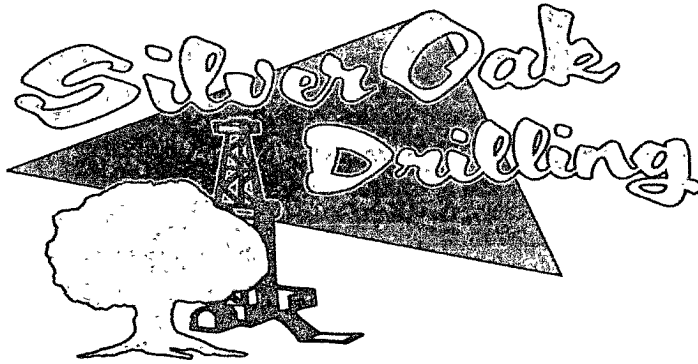
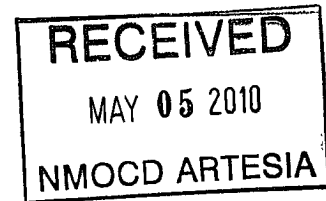


30 015 37346



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



March 3, 2010

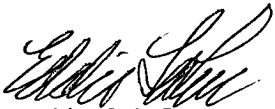
COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Tex-Mack #221
330' FSL & 2310' FWL
Sec. 2, T17S, R31E
Eddy County, New Mexico

Dear Sir,

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

Very truly yours,

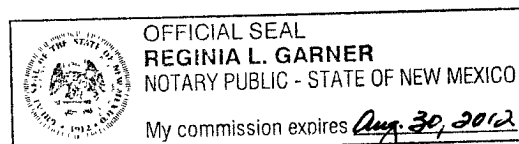

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 3rd day of March, 2010.



Notary Public



MR

Date	Depth	Dev
2/19/2010	258.00	0.30
2/19/2010	438.00	0.70
2/21/2010	775.00	0.10
2/21/2010	1210.00	0.90
2/21/2010	1648.00	0.50
2/21/2010	1760.00	0.60
2/22/2010	2061.00	1.40
2/23/2010	2497.00	0.20
2/23/2010	2935.00	1.10
2/24/2010	3375.00	1.10
2/24/2010	3812.00	1.30
2/25/2010	4219.00	0.40
2/25/2010	4721.00	0.20
2/26/2010	5253.00	0.80
2/26/2010	5726.00	0.90
2/27/2010	6319.00	0.70
2/28/2010	6762.00	0.20