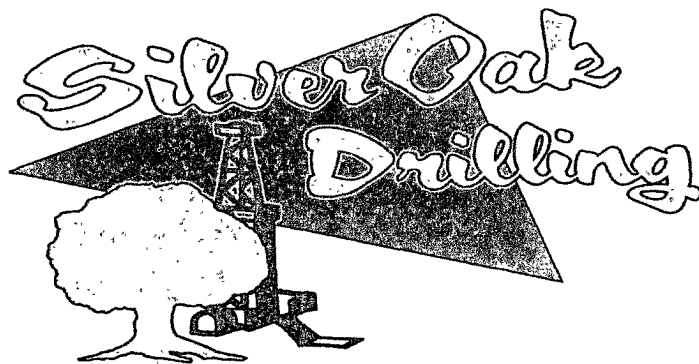


FEB - 3 2009



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

November 13, 2008

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

30.015.35244

RE: Caddo Federal #1
960' FNL & 990' FEL
Sec. 17, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

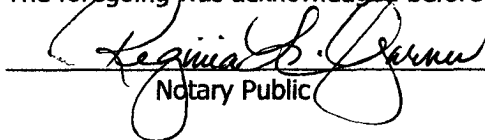
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
194.00	0.75	2898.00	0.75
407.00	1.00	3188.00	0.75
670.00	1.00	3472.00	1.00
960.00	0.75	3694.00	1.00
1087.00	1.00	3984.00	1.00
1371.00	1.00	4331.00	0.50
1625.00	1.00	4621.00	1.00
1882.00	1.00	4937.00	1.00
1944.00	1.00	5226.00	0.75
2165.00	1.00	5544.00	1.00
2614.00	0.75		

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 13th day of November, 2008.


Notary Public

