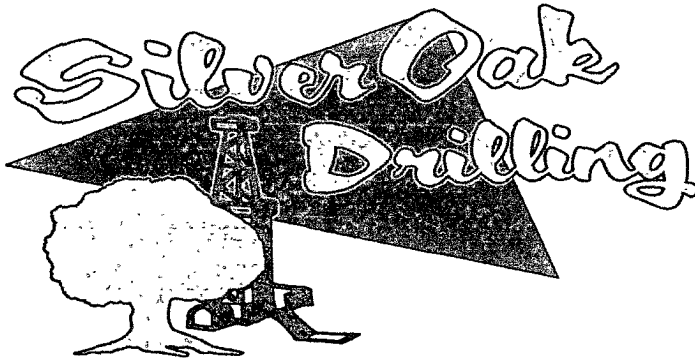


30-015-36467



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

January 30, 2009

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

RE: Electra Federal #31
1170' FNL & 2310' FEL
Sec. 10, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

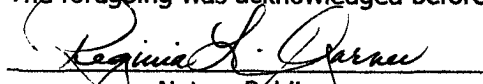
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
360.00	0.50	3124.00	0.75
614.00	0.75	3440.00	1.00
964.00	0.75	3759.00	1.00
1561.00	0.75	4079.00	0.75
1880.00	1.00	4397.00	1.00
2200.00	0.75	4747.00	1.00
2517.00	0.75	5064.00	1.00
2835.00	0.75	5384.00	1.00

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of January, 2009.


Notary Public

