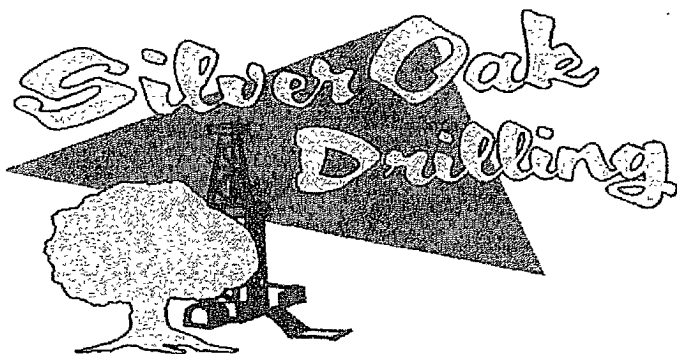




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

May 29, 2009

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

RE: Electra Federal #27
330' FNL & 990' FWL ULD
Sec. 10, T17S, R30E
Eddy County, New Mexico

30-015-36741

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>	<u>DEPTH</u>	<u>DEVIATION</u>
178.00	0.50	1809.00	0.75	4768.00	0.50
571.00	1.75	2312.00	0.50	5302.00	0.50
662.00	1.50	2811.00	0.50	5981.00	0.50
879.00	1.75	3255.00	0.50	5954.00	0.50
1098.00	1.50	3742.00	0.50		
1307.00	1.50	4296.00	0.25		

Very truly yours,

Eddie C. LaRue
Operations Manager



State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 29th day of May, 2009.

Notary Public