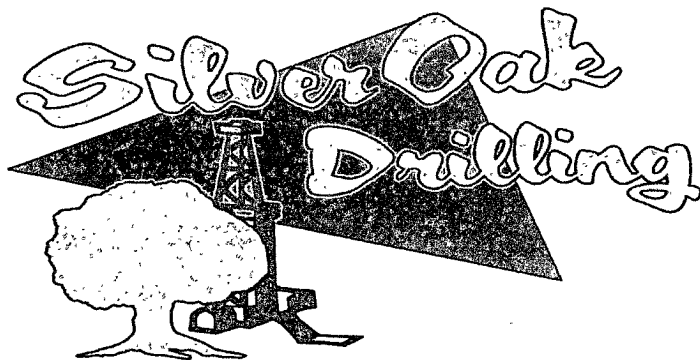




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

August 14, 2009

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

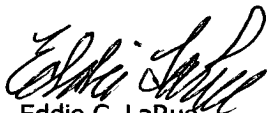
RE: GJ West Coop Unit #220
1650' FNL & 1650' FWL
Sec. 16, T17S, R29E
Eddy County, New Mexico

Dear Sir,

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

Depth	Deviation	Depth	Deviation
279.00	0.50	3179.00	1.00
653.00	1.50	3494.00	1.00
810.00	1.50	3940.00	1.00
1310.00	1.50	4420.00	1.00
1805.00	1.50	4926.00	1.00
2220.00	1.50	5404.00	1.00
2697.00	1.25		

Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 14th day of August, 2009.


Notary Public

