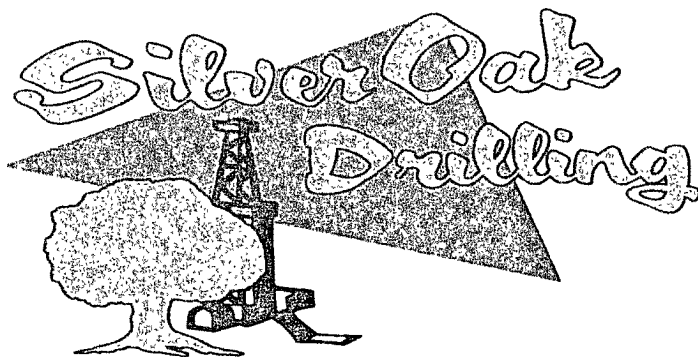




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

September 19, 2007

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

30-025-38261

RE: JC Federal #9
1650' FNL & 1650' FEL
Sec. 22, T17S, R32E
Lea 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>
220.00	0.75	3393.00	1.50
401.00	0.50	3675.00	1.25
585.00	2.75	3975.00	0.75
802.00	2.75	4269.00	1.00
982.00	2.00	4551.00	1.00
1176.00	2.00	4851.00	1.00
1490.00	1.75	5206.00	1.25
1792.00	2.00	5500.00	3.00
2215.00	2.00	5791.00	1.00
2515.00	0.75	6091.00	1.25
2797.00	0.25	6388.00	1.00
3097.00	0.75	6728.00	1.25

Very truly yours,

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 19th day of September, 2007.

Notary Public