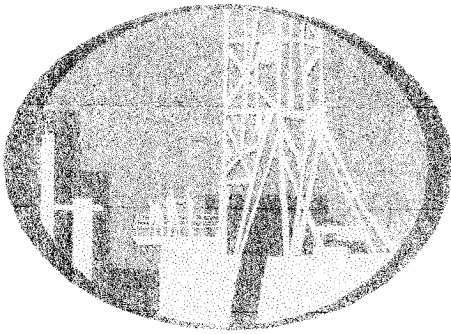




Silver Oak Drilling, LLC

PO Box 1370
Artesia, NM 88211-1370
505/748-1288

November 14, 2006

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

RE: JC Federal #5
555' FNL & 2085' FWL
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>
301'	1/2°	3724'	2°
761'	1°	3973'	2 1/2°
1070'	1°	4271'	2 3/4°
1472'	2°	4617'	2 1/2°
1721'	2 1/2°	4909'	2°
1968'	2 1/2°	5188'	1 3/4°
2255'	3/4°	5469'	1°
2566'	1°	5933'	1/2°
3005'	1°	6368'	1/4°
3474'	2°		

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 November, 2006.

Notary Public