

# DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

July 27, 2006

30-025-37819

COG Operating, LLC  
550 W Texas - Fasken Center Tower II  
Suite 1300  
Midland, TX 79701

Re: Prohibition "12" Fed #10 Unit K  
Section 12, T-22-S, R-32-E  
Lea County, New Mexico

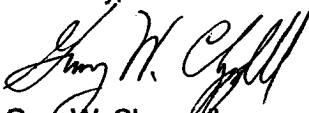
1980/S & 1980/W

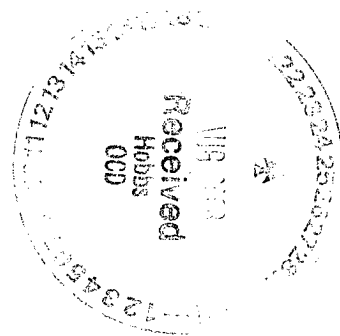
Attn: Erick Nelson

The following is a Deviation Survey on the above referenced well in Lea County, New Mexico:

|                |                |                |                |
|----------------|----------------|----------------|----------------|
| 230' - .50 °   | 1879' - 3.70 ° | 3535' - 1.80 ° | 5700' - 1.00 ° |
| 509' - 2.00 °  | 1973' - 3.50 ° | 3628' - 1.10 ° | 6144' - 1.00 ° |
| 756' - 3.00 °  | 2160' - 2.20 ° | 3815' - 1.40 ° | 6388' - .75 °  |
| 810' - 4.00 °  | 2254' - 1.70 ° | 3877' - 1.90 ° | 6613' - .75 °  |
| 1192' - 6.95 ° | 2348' - .40 °  | 3971' - 2.30 ° | 6856' - 1.00 ° |
| 1213' - 6.10 ° | 2442' - .10 °  | 4097' - 1.50 ° | 7153' - .75 °  |
| 1276' - 5.40 ° | 2536' - .10 °  | 4191' - 1.80 ° | 7389' - .75 °  |
| 1339' - 5.20 ° | 2878' - .80 °  | 4285' - 1.10 ° | 7614' - .50 °  |
| 1402' - 4.70 ° | 2971' - 1.30 ° | 4477' - 1.00 ° | 7859' - .75 °  |
| 1551' - 4.60 ° | 3065' - 1.30 ° | 4628' - .60 °  | 8116' - 1.00 ° |
| 1613' - 4.30 ° | 3158' - 1.10 ° | 4913' - 1.00 ° | 8390' - 1.00 ° |
| 1644' - 4.20 ° | 3254' - 1.20 ° | 5200' - 1.00 ° | 8640' - 1.00 ° |
| 1714' - 4.00 ° | 3346' - 2.00 ° | 5451' - .75 °  | 8990' - 1.00 ° |
| 1785' - 3.90 ° | 3441' - 1.90 ° |                |                |

Sincerely,

  
Gary W. Chappell  
Contracts Manager



STATE OF NEW MEXICO )

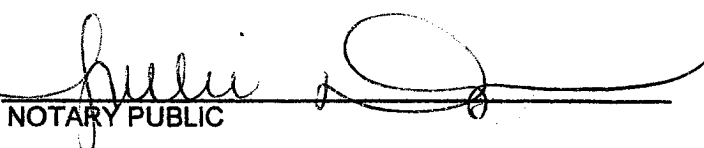
COUNTY OF CHAVES )

*Erick Nelson*  
The foregoing was acknowledged before me this 27th day of July, 2006 by Gary W. Chappell.

MY COMMISSION EXPIRES



OFFICIAL SEAL  
Julie Deason  
NOTARY PUBLIC-STATE OF NEW MEXICO  
My commission expires 9-8-2007

  
NOTARY PUBLIC