

DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 Artesia, New Mexico 88211-0160 Office (575) 748-8704 Fax (575) 748-8719

December 14, 2009

RECEIVED

FEB 23 2010

HOBBSOCD

COG Operating, Inc.
550 W. Texas, Suite 1300
Midland, Texas 79701

Attn: John Coffman


3D-025-39031

Re: Leaker CC State # 20 Unit A
Sec. 16, T-17-S, R-32-E
Lea County, New Mexico
990/N & 330/E

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

303' - 0.75°	6622' - 0.25°
635' - 1.5°	6964' - 0.25°
1126' - 1.75°	
1625' - 1.5°	
2093' - 1.5°	
2572' - 1.25°	
3071' - 1°	
3569' - 1°	
4067' - 0.5°	
4536' - 0.25°	
4911' - 0.25°	
5408' - 0.25°	
5626' - 1°	
6124' - 0.25°	

Sincerely,



Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing was acknowledged before me this 14th day of December, 2009 by Gary W. Chappell.

MY COMMISSION EXPIRES

4/15/10


OFFICIAL SEAL
Patti Horner
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires: 4/15/10