



DRILLING INC. Oil Well Drilling Contractor

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

RECEIVED

January 25, 2010

APR 27 2010

HOBBSOCD

30-025-39515

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

Re: GC Federal # 39 Unit I
Sec. 20, T-17-S, R-32-E
Lea County, New Mexico

Attn: John Coffman

2410/S + 265/E

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

243' - 1°	5465' - 0.75°
544' - 4°	5963' - 0.5°
632' - 3.75°	6458' - 0.5°
757' - 3°	6952' - 1°
1119' - 3°	
1618' - 1.5°	
1951' - 2°	
2444' - 2.5°	
2942' - 3°	
3411' - 3°	
3909' - 3.25°	
4379' - 3.25°	
4782' - 2.5°	
5279' - 2.25°	

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing was acknowledged before me this 25th day of January, 2010 by Gary W. Chappell.

MY COMMISSION EXPIRES



OFFICIAL SEAL
Betsy S. Lachowsky
NOTARY PUBLIC STATE OF NEW MEXICO
9/7/2013
My comm.

NOTARY PUBLIC
K2