



DRILLING INC. Oil Well Drilling Contractor

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

December 28, 2005

30-025-37491

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

Re: Red Raider St #2
Sec 19, T-20-S, R-36-E
Lea County, New Mexico

Unit G

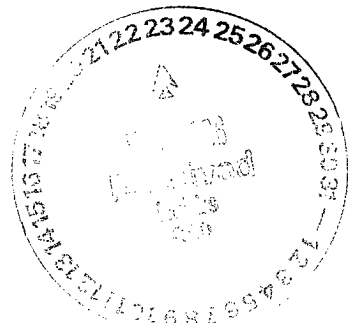
1980/N & 1980/E

The following is a Deviation Survey on the referenced well:

204' - 1/2°	3489' - 2°	5270' - 2 3/4°	7327' - 3°
378' - 3/4°	3613' - 2 1/4°	5393' - 2 1/4°	7592' - 2°
654' - 1°	3676' - 2 1/4°	5518' - 2 1/4°	7706' - 2 3/4°
953' - 1 1/2°	3927' - 3°	5611' - 2 1/2°	7798' - 2°
1054' - 1°	4021' - 2 3/4°	5735' - 2 1/4°	7954' - 2°
1235' - 1 1/4°	4176' - 2 1/2°	5861' - 2°	8110' - 1 3/4°
1492' - 1°	4336' - 2 1/2°	5984' - 2°	8360' - 1 1/2°
1718' - 1/2°	4460' - 3°	6200' - 2°	8518' - 2°
1992' - 1°	4558' - 3°	6478' - 1 3/4°	8676' - 1 3/4°
2337' - 1°	4676' - 3 1/2°	6582' - 2°	8928' - 2 1/4°
2641' - 1°	4783' - 2 3/4°	6736' - 2°	9118' - 1 1/2°
2955' - 1°	4939' - 3°	6892' - 2 1/2°	9340' - 2 1/4°
3237' - 1 3/4°	5052' - 3 1/2°	7016' - 2°	9592' - 2°
3392' - 2°	5178' - 2 1/2°	7141' - 2 1/2°	9843' - 2 1/4°
			10,157' - 3 1/4°

Sincerely,

Gary W Chappell
Contracts Manager



STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 28th day of December, 2005 by Gary W Chappell.

MY COMMISSION EXPIRES

June 19th, 2007

NOTARY PUBLIC