



DRILLING INC. Oil Well Drilling Contractor

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

March 22, 2012

15-39832

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

Re: Foran St. # 3
Sec. 16, T-17-S, R-32-E
Eddy County, New Mexico

Attn: John Coffman

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

236' - 1°	2354' - 0.75°	4757' - 1°
384' - 0.5°	2819' - 0.75°	5007' - 1°
647' - 1°	3255' - 1°	5257' - 1.5°
1143' - 1°	3693' - 1°	5691' - 1°
1579' - 1.25°	4130' - 2°	6190' - 1°
1860' - 1°	4505' - 1.25°	6367' - 0.5°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
)
COUNTY OF EDDY)

The foregoing was acknowledged before me this 22nd day of March, 2012 by Gary W. Chappell.

NOTARY PUBLIC

