

DRILLING INC. Oil Well Drilling Contractor

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

RECEIVED

November 15, 2010

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HOBBSOCD

COG Operating LLC P.O. Box 50880

Midland, Texas 79710-0880

Attn: John Coffman

30-025-39401

Lea County, New Mexico

2120/N & 475/E

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

248' - 1° 3077' - 1.75° 514' - 0.75° 3235' - 1.25° 748' - 3° 3389' - 1° 965' - 2° 3702' - 1° 1094' - 0.75° 4014' - 0.5° 1592' - 4° 4327' - 1° 1778' - 4.5° 4637' - 0.75° 1935' - 5° 5105' - 0.25° 2154' - 6.5° 5571' - 0.75° 2204' - 5.75° 6038' - 0.25° 2397' - 5.25° 6533' - 0.75° 2451' - 4.5° 6969' - 0.5° 2610' - 3° 2765' - 2.5°

Sincerely

Gary W. Chappell Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF EDDY

The foregoing was acknowledged before me this 15th day of November, 2010 by Gary W. Chappell.

MY COMMISSION EXPIRES

4-29-12

NOTARY PUBLIC

OFFICIAL SEAL

CHERYLA HARTLETT NOTARY PURCHASTATE OF NEW MEXICO

My commission expires: 4-14-12

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