



# DRILLING INC. Oil Well Drilling Contractor

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March 27, 2008

RECEIVED

SEP 01 2009

HOBBSOCD

30-025-38597  
2253 FNL + 1551 F WL

J. Cleo Thompson  
117 Yukon Road  
Odessa, Texas 79760

Re: JCT Federal 13 Fed #1  
Sec. 13, T-9-S, R-37-E  
Lea County, New Mexico

Attn: Jim Stevens

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

|               |              |              |               |               |
|---------------|--------------|--------------|---------------|---------------|
| 225' - 0.5°   | 5630' - 0.3° | 7694' - 0.2° | 9036' - 1.8°  | 10595' - 0.3° |
| 562' - 0.75°  | 5694' - 0.4° | 7755' - 0.1° | 9130' - 1.5°  | 10690' - 0.1° |
| 804' - 1°     | 5820' - 0.5° | 7816' - 0.8° | 9222' - 1.5°  | 10783' - 0.7° |
| 1085' - 0.75° | 6071' - 0.5° | 7879' - 1.3° | 9317' - 1.3°  | 10877' - 0.3° |
| 1329' - 1°    | 6165' - 0.4° | 7972' - 1°   | 9411' - 1.1°  | 10970' - 0.4° |
| 1820' - 1.25° | 6290' - 0.3° | 8066' - 1°   | 9504' - 1.1°  | 11064' - 1.2° |
| 1961' - 1°    | 6477' - 0.3° | 8130' - 1.1° | 9598' - 1.1°  | 11158' - 2°   |
| 2460' - 1°    | 6601' - 0.4° | 8223' - 0.7° | 9693' - 1°    | 11298' - 2.6° |
| 2934' - 0.75° | 6695' - 0.3° | 8286' - 1.1° | 9845' - 0.7°  | 11430' - 3.8° |
| 3434' - 0.75° | 6846' - 0.5° | 8379' - 1°   | 9939' - 0.4°  | 11454' - 4.5° |
| 3934' - 0.25° | 6941' - 0.4° | 8473' - 1.1° | 10032' - 0.7° | 11499' - 4.4° |
| 4430' - 1°    | 7032' - 0.5° | 8566' - 0.9° | 10126' - 0.8° | 11577' - 4.5° |
| 4906' - 1°    | 7194' - 0.5° | 8691' - 0.8° | 10220' - 0.6° | 11642' - 3.8° |
| 5286' - 0.4°  | 7506' - 0.1° | 8784' - 1.1° | 10314' - 0.6° | 11743' - 4.5° |
| 5380' - 0.4°  | 7569' - 0.1° | 8840' - 1°   | 10407' - 0.6° | 11767' - 4.5° |
| 5470' - 0.3°  | 7631' - 0.2° | 8978' - 1.4° | 10501' - 0.3° | 11799' - 4.6° |
|               |              |              |               | 11878' - 4.1° |

Sincerely,

Gary W. Chappell  
Contracts Manager

STATE OF NEW MEXICO )  
COUNTY OF EDDY )

The foregoing was acknowledged before me this 27th day of March, 2008 by Gary W. Chappell.

MY COMMISSION EXPIRES

Sept 1, 2009

Barbara L. Carey  
NOTARY PUBLIC



OFFICIAL SEAL  
Barbara L. Carey  
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: Sept 1, 2009