

WELL NAME & NUMBER Amanda AMN Fed. #1 - F 30-D25-31947

LOCATION Sec. 11, T23S, R32E 2310/W 7 1650/W  
(Give Unit, Section, Township and Range)

OPERATOR Yates Petroleum 207 S. 4th St. Artesia, N.M. 88202

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, Tx. 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| DEGREES @ DEPTH | DEGREES @ DEPTH | DEGREES @ DEPTH | DEGREES @ DEPTH |
|-----------------|-----------------|-----------------|-----------------|
| 0.75 406        | 1.25 6253       |                 |                 |
| 1.50 857        | 1.25 6754       |                 |                 |
| 0.75 1032       | 0.25 7078       |                 |                 |
| 0.75 1170       | 1.50 7600       |                 |                 |
| 1.00 1670       | 1.00 8047       |                 |                 |
| 1.50 2165       | 1.00 8534       |                 |                 |
| 1.00 2670       | 1.50 9100       |                 |                 |
| 1.25 3205       |                 |                 |                 |
| 1.75 3708       |                 |                 |                 |
| 1.50 4024       |                 |                 |                 |
| 3.00 4247       |                 |                 |                 |
| 3.00 4500       |                 |                 |                 |
| 3.25 4754       |                 |                 |                 |
| 1.25 5250       |                 |                 |                 |
| 1.75 5753       |                 |                 |                 |

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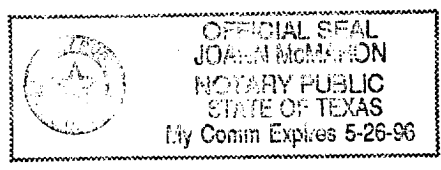
Drilling Contractor GRACE DRILLING COMPANY

By [Signature]  
L. V. BOHANNON, DRLG. SUPT.

Subscribed and sworn to before me this 21 day of May, 19 93

[Signature]  
Notary Public

My Commission Expires \_\_\_\_\_ Ector County TX



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