

WELL NAME AND NUMBER Lovington Deep Amoco State #1-1  
LOCATION Sec. 6, T17S, R36E - Lea County, New Mexico  
OPERATOR Mobil Producing Texas & New Mexico, Inc., 9 Greenway Plaza, Suite 2700, Houston, Tx. 77046  
DRILLING CONTRACTOR TMBR/SHAPP Drllg., Inc., Drawer 10970, Midland, Tx. 79702-7970

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:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
| <u>0.75 170</u>        | <u>0.75 5160</u>       | <u>2.00 11350</u>      |
| <u>0.75 375</u>        | <u>0.25 5562</u>       | <u>2.50 11580</u>      |
| <u>0.50 475</u>        | <u>1.25 6052</u>       | <u>2.00 11670</u>      |
| <u>1.00 900</u>        | <u>0.25 6560</u>       | <u>2.00 11710</u>      |
| <u>0.75 1400</u>       | <u>0.75 7057</u>       | <u>2.50 11840</u>      |
| <u>0.75 1900</u>       | <u>1.00 7265</u>       | <u>2.00 11934</u>      |
| <u>0.75 2330</u>       | <u>1.00 7723</u>       | <u>2.00 12020</u>      |
| <u>1.50 2820</u>       | <u>1.00 8237</u>       | <u>2.50 12170</u>      |
| <u>1.50 3045</u>       | <u>1.00 8430</u>       | <u>2.75 12310</u>      |
| <u>1.50 3250</u>       | <u>1.25 8950</u>       | <u>2.25 12400</u>      |
| <u>1.75 3365</u>       | <u>0.75 9470</u>       | <u>2.50 12534</u>      |
| <u>0.50 3765</u>       | <u>1.00 9970</u>       | <u>2.75 12611</u>      |
| <u>0.25 4250</u>       | <u>0.75 10970</u>      | <u>4.50 12810</u>      |
| <u>0.75 4740</u>       | <u>1.00 10574</u>      | <u>4.00 12870</u>      |
| <u>0.50 5050</u>       | <u>2.25 11129</u>      | <u>4.00 12930</u>      |

Drilling Contractor TMBR/SHARP Drllg., Inc.

By Grady Trotter  
Grady Trotter, Drllg. Engr.

Subscribed and sworn to before me this 27th day of October, 1986

Pet Buchanan

Notary Public

Commission expires: 1-2-88

Midland County Texas

RECEIVED

OCT 30 1986

PRODUCTION

RECEIVED  
JAN 26 1981  
GOV  
HUMAN RIGHTS

WELL NAME AND NUMBER Lovington Deep Amoco State #1 - 4  
LOCATION Sec. 6, T17S, R36E - Lea County, New Mexico  
OPERATOR Mobil Producing Texas & New Mexico, Inc., 9 Greenway Plaza, Suite 2700, Houston, Tx. 77046  
DRILLING CONTRACTOR TMBR/SHARP Drlg., Inc., Drawer 10970, Midland, Tx. 79702-7970

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:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
| <u>3.75 13020</u>      | <u>4.75 13908</u>      | <u>4.00 14604</u>      |
| <u>3.75 13100</u>      | <u>5.00 13929</u>      | <u>4.25 14622</u>      |
| <u>2.75 13240</u>      | <u>4.75 13960</u>      | <u>4.00 14661</u>      |
| <u>3.00 13322</u>      | <u>5.00 13991</u>      | <u>4.25 14711</u>      |
| <u>3.75 13384</u>      | <u>5.50 14021</u>      | <u>4.50 14774</u>      |
| <u>3.25 13438</u>      | <u>5.75 14053</u>      | <u>4.25 14837</u>      |
| <u>3.00 13502</u>      | <u>6.25 14083</u>      | <u>4.50 14900</u>      |
| <u>3.25 13563</u>      | <u>6.50 14115</u>      | <u>4.75 14967</u>      |
| <u>2.50 13605</u>      | <u>6.25 14148</u>      | <u>4.75 15028</u>      |
| <u>2.75 13670</u>      | <u>7.00 14172</u>      | <u>4.75 15091</u>      |
| <u>4.50 13742</u>      | <u>3.25 14297</u>      | <u>5.00 15154</u>      |
| <u>4.00 13783</u>      | <u>2.50 14341</u>      | <u>5.25 15218</u>      |
| <u>3.50 13805</u>      | <u>2.75 14400</u>      | <u>5.25 15271</u>      |
| <u>4.00 13835</u>      | <u>2.75 14465</u>      |                        |
| <u>3.75 13866</u>      | <u>3.75 14559</u>      |                        |

Drilling Contractor TMBR/SHARP Drlg., Inc.

By Grady Trotter  
Grady Trotter, Drlg., Engr.

Subscribed and sworn to before me this 21st day of October, 19 86

Pat Buchanan

Notary Public

Commision expires: 6-30-88

Midland County Texas