

MORRIS R. ANTWEIL, OIL OPERATOR

P. O. Box 2010

Hobbs, New Mexico

Re: Morris R. Antweil #1 Rose  
NE/4 SW/4 Sec.5, T18S, R 34E  
Lea County, New Mexico

New Mexico Oil Conservation Commission  
P. O. Box 1980  
Hobbs, New Mexico

Gentlemen:

The following are the deviation surveys run on the Morris R. Antweil #1 Rose well:

| <u>Depth</u> | <u>Degrees Deviation</u> | <u>Depth</u> | <u>Degrees Deviation</u> |
|--------------|--------------------------|--------------|--------------------------|
| 195'         | 1/4°                     | 4302'        | 1-1/4°                   |
| 283'         | 1/4°                     | 4459'        | 1-3/4°                   |
| 558'         | 1/4°                     | 4552'        | 2°                       |
| 1198'        | 1/4°                     | 4580'        | 1-3/4°                   |
| 1385'        | 3/4°                     | 4673'        | 2°                       |
| 1504'        | 0                        | 4767'        | 2°                       |
| 1761'        | 1/4°                     | 4830'        | 2-3/4°                   |
| 1975'        | 1/2°                     | 4923'        | 1-3/4°                   |
| 2224'        | 3/4°                     | 5048'        | 1-1/4°                   |
| 2410'        | 1/4°                     | 5168'        | 1°                       |
| 2626'        | 1/4°                     | 5408'        | 1°                       |
| 2843'        | 0                        | 5689'        | 1-1/4°                   |
| 3045'        | 3/4°                     | 5995'        | 1-1/4°                   |
| 3188'        | 3/4°                     | 6400'        | 2-1/2°                   |
| 3377'        | 3/4°                     | 6591'        | 2-1/4°                   |
| 3569'        | 1-1/4°                   | 6825'        | 2-1/4°                   |
| 3724'        | 1-3/4°                   | 6998'        | 2-1/4°                   |
| 3810'        | 1-3/4°                   | 7367'        | 3-1/4°                   |
| 3891'        | 1-1/4°                   | 7416'        | 3-3/4°                   |
| 4048'        | 2°                       | 8039'        | 3-1/2°                   |
| 4116'        | 2-1/4°                   | 8220'        | 3-1/4°                   |
| 4179'        | 1-1/4°                   | 8332'        | 3-1/4°                   |
| 4272'        | 2-1/4°                   | 8730'        | 3°                       |
| 4350'        | 1-3/4°                   | 8988'        | 2-3/4°                   |

MORRIS R. ANTWEIL

By Burton Veteto  
Burton Veteto, Agent

STATE OF NEW MEXICO)  
COUNTY OF LEA)

SUBSCRIBED AND SWORN TO BEFORE me this 15th day of February, 1965.

My Commission Expires:

1-29-69

SUBSCRIBED AND SWORN TO BEFORE me this 15th day of February, 1967.

STATE OF NEW MEXICO  
COUNTY OF LEA

Baron Veredo, Agent

*[Signature]*  
MORRIS R. ANTHELL

| Depth | Interval | Interval | Interval |
|-------|----------|----------|----------|
| 4350' | 1-3/4"   | 1-3/4"   | 1-3/4"   |
| 4375' | 2-1/4"   | 2-1/4"   | 2-1/4"   |
| 4175' | 1-1/4"   | 1-1/4"   | 1-1/4"   |
| 4150' | 2-1/4"   | 2-1/4"   | 2-1/4"   |
| 4048' | 2-1/4"   | 2-1/4"   | 2-1/4"   |
| 3881' | 1-1/4"   | 1-1/4"   | 1-1/4"   |
| 3810' | 1-3/4"   | 1-3/4"   | 1-3/4"   |
| 3724' | 1-3/4"   | 1-3/4"   | 1-3/4"   |
| 3559' | 1-1/4"   | 1-1/4"   | 1-1/4"   |
| 3377' | 1/2"     | 1/2"     | 1/2"     |
| 3198' | 1/2"     | 1/2"     | 1/2"     |
| 3045' | 3/4"     | 3/4"     | 3/4"     |
| 2843' | 2'       | 2'       | 2'       |
| 2630' | 1/2"     | 1/2"     | 1/2"     |
| 2410' | 2/4"     | 2/4"     | 2/4"     |
| 2224' | 2/4"     | 2/4"     | 2/4"     |
| 1975' | 1/2"     | 1/2"     | 1/2"     |
| 1701' | 1/2"     | 1/2"     | 1/2"     |
| 1402' | 0'       | 0'       | 0'       |
| 1388' | 3/4"     | 3/4"     | 3/4"     |
| 1198' | 1/2"     | 1/2"     | 1/2"     |
| 958'  | 1/2"     | 1/2"     | 1/2"     |
| 843'  | 1/2"     | 1/2"     | 1/2"     |
| 725'  | 1/2"     | 1/2"     | 1/2"     |
| 600'  | 2-1/2"   | 2-1/2"   | 2-1/2"   |
| 525'  | 2-1/2"   | 2-1/2"   | 2-1/2"   |
| 408'  | 2-1/2"   | 2-1/2"   | 2-1/2"   |
| 308'  | 2-1/2"   | 2-1/2"   | 2-1/2"   |
| 208'  | 2-1/2"   | 2-1/2"   | 2-1/2"   |
| 108'  | 2-1/2"   | 2-1/2"   | 2-1/2"   |
| 8'    | 2-1/2"   | 2-1/2"   | 2-1/2"   |
| 0'    | 2-1/2"   | 2-1/2"   | 2-1/2"   |

well:

The following are the deviation surveys run on the Morris R. Anthell #1 well:

Deviation:

Lea County, New Mexico  
P.O. Box 1880  
New Mexico Oil Conservation Commission

Lea County, New Mexico  
P.O. Box 1880  
New Mexico Oil Conservation Commission

Hobbs, New Mexico

P.O. Box 1010

MORRIS R. ANTHELL, OIL OPERATOR