

INCLINATION REPORT

OPERATOR ARCO Oil & Gas ADDRESS PO Box 1710, Hobbs, New Mexico 88240
 LEASE NAME Johns "B" DE WELL NO. 13 FIELD _____
 LOCATION Section 24, T-17S, R-32E, Lea County, New Mexico

| DEPTH | ANGLE INCLINATION DEGREES | DISPLACEMENT | DISPLACEMENT ACCUMULATED |
|-------|------------------------------|--------------|-----------------------------|
| 409 | 1/2 | 3.5583 | 3.5583 |
| 637 | 3/4 | 2.9868 | 6.5451 |
| 1134 | 1/2 | 4.3239 | 10.8690 |
| 1665 | 3/4 | 6.9561 | 17.8251 |
| 2153 | 3/4 | 6.3928 | 24.2179 |
| 2363 | 3/4 | 2.7510 | 26.9689 |
| 2646 | 2 | 9.8767 | 36.8456 |
| 3131 | 1 1/4 | 10.5730 | 47.4186 |
| 3453 | 1 1/4 | 7.0196 | 54.4382 |
| 3639 | 1 1/2 | 4.8732 | 59.3114 |
| 4137 | 1 1/4 | 10.8564 | 70.1678 |
| 4233 | 1 1/4 | 2.0928 | 72.2606 |
| 4300 | 1 1/4 | 1.4606 | 73.7212 |

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

John Ayers

TITLE John Ayers, Office Manager

AFFIDAVIT:

Before me, the undersigned authority, appeared John Ayers,
 known to me to be the person whose name is subscribed herebelow, who, on making
 deposition, under oath states that he is acting for and in behalf of the operator
 of the well identified above, and that to the best of his knowledge and belief such
 well was not intentionally deviated from the true vertical whatsoever.

John Ayers

AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 10th day of January, 19 80

MY COMMISSION EXPIRES MARCH 1, 1980

SEAL

James E. Meyrick
 Notary Public in and for the County
 of Lea, State of New Mexico