

LANDIS DRILLING COMPANY
POST OFFICE BOX 3579
MIDLAND, TEXAS 79702

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FEB 9 1982

O. C. D.

ARTESIA OFFICE
ARTESIA, NM

OPERATOR Yates Petroleum Corporation ADDRESS 207 S. 4th St., Artesia, NM
LEASE NAME Mescal "SE" Federal WELL NO. #1 FIELD
LOCATION 1650' FNL & 1980' FWL, Section 18, T-21-S, R-22-E, Eddy County, NM

| DEPTH | ANGLE INCLINATION DEGREES | DISPLACEMENT | DISPLACEMENT ACCUMULATED |
|-------|------------------------------|--------------|-----------------------------|
| 105 | 1/2 | .92 | .92 |
| 359 | 1 1/4 | 5.54 | 6.46 |
| 844 | 1 1/2 | 12.70 | 19.16 |
| 1320 | 1 3/4 | 14.54 | 33.70 |
| 1800 | 1 | 8.38 | 42.08 |
| 2033 | 1 | 4.07 | 46.15 |
| 2534 | 1 1/4 | 10.93 | 57.08 |
| 2787 | 1 | 4.41 | 61.49 |
| 3160 | 1 1/4 | 8.14 | 69.63 |
| 3668 | 1 1/2 | 13.30 | 82.93 |
| 3950 | 1 | 4.92 | 87.85 |
| 4330 | 3/4 | 4.97 | 92.82 |
| 4846 | 1 | 9.00 | 101.82 |
| 5335 | 1 1/4 | 10.67 | 112.49 |
| 5751 | 1 3/4 | 12.70 | 125.19 |
| 6065 | 1 3/4 | 9.59 | 134.78 |
| 6230 | 1/2 | 1.44 | 136.22 |
| 6706 | 1 | 8.31 | 144.53 |
| 7194 | 1 | 8.52 | 153.05 |
| 7682 | 1 1/4 | 10.65 | 163.70 |
| 8103 | 1 1/4 | 9.19 | 172.89 |
| 8500 | 1 1/2 | 10.39 | 183.28 |

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

LANDIS DRILLING COMPANY

Gary Chappell
TITLE Contracts Manager

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary Chappell 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.

Samuel A. Hughes
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 2nd day of February, 1982

Samuel A. Hughes
Notary Public in and for the