

ROBINSON BROS. DRILLING CO.
914 VAUGHN BUILDING
MIDLAND, TEXAS 79701

May 20, 1971

New Mexico Oil & Gas Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

We submit the following deviation surveys for your information. These surveys were taken on the W. A. Moncrief No. 1 State well located in Section 27, T-15-S, R-33-E, Lea County, New Mexico.

| Depth | Inclination (degrees) | Displacement (feet) | Accumulative Displacement (feet) |
|-------|--------------------------|------------------------|--|
| 310 | 3/4 | 4.05 | 4.05 |
| 828 | 1/2 | 4.52 | 8.57 |
| 1333 | 3/4 | 6.61 | 15.18 |
| 1825 | 3/4 | 6.44 | 21.62 |
| 2303 | 1 | 8.34 | 29.96 |
| 2816 | 1-1/4 | 11.19 | 41.15 |
| 3321 | 3/4 | 6.61 | 47.76 |
| 3980 | 1-1/4 | 14.37 | 62.13 |
| 4300 | 1-1/2 | 8.37 | 70.50 |
| 4718 | 1 | 7.29 | 77.79 |
| 5120 | 1/2 | 3.50 | 81.29 |
| 5835 | 1 | 12.47 | 93.76 |
| 6362 | 1/2 | 4.60 | 98.36 |
| 6760 | 1/4 | 1.73 | 100.09 |
| 7100 | 1 | 5.93 | 106.02 |
| 7635 | 1/2 | 4.67 | 110.69 |
| 8080 | 1 | 7.76 | 118.45 |
| 8460 | 1 | 6.63 | 125.08 |
| 8820 | 1 | 6.28 | 131.36 |
| 9340 | 1-3/4 | 15.88 | 147.24 |
| 9780 | 3/4 | 5.75 | 152.99 |
| 10330 | 3/4 | 7.19 | 160.18 |

Survey was run in Open Hole.

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Certification of Personal Knowledge Inclination Data:

I hereby certify that I have personal knowledge of the data and facts on this form and that such information given above is true and complete.



C. M. Anderson, Manager
ROBINSON BROS. DRILLING COMPANY

Sworn and Subscribed to me this the 20th day of May, 1971.



Janice A. Barr, Notary in and for
Midland, County, Texas

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