


P E N N Z O I L C O M P A N Y

Rock Island State No. 2
Section 2, T-17-S, R-34-E
Lea County, New Mexico

WELL DEVIATION RECORD


| Deviation (degrees) | Depth (feet) |
|---------------------|--------------|
| $\frac{1}{2}$ | 355 |
| $\frac{1}{2}$ | 850 |
| $\frac{3}{4}$ | 1345 |
| $\frac{3}{4}$ | 1786 |
| 1 | 2180 |
| $\frac{1}{2}$ | 2441 |
| $1 \frac{1}{2}$ | 2850 |
| $1 \frac{1}{4}$ | 3000 |
| $\frac{3}{4}$ | 3240 |
| $1 \frac{1}{4}$ | 3422 |
| $1 \frac{1}{2}$ | 3770 |
| NA | 4010 |
| $\frac{3}{4}$ | 4972 |
| $\frac{3}{4}$ | 5455 |
| $1 \frac{1}{4}$ | 5595 |
| $\frac{1}{2}$ | 6757 |
| $\frac{3}{4}$ | 7250 |
| $\frac{3}{4}$ | 8080 |
| $\frac{3}{4}$ | 8193 |
| $\frac{3}{4}$ | 8667 |
| 1 | 8793 |
| $\frac{3}{4}$ | 9194 |
| $\frac{1}{2}$ | 9655 |
| $\frac{3}{4}$ | 9720 |
| $\frac{1}{2}$ | 10,133 |
| $\frac{3}{4}$ | 10,480 |
| $\frac{3}{4}$ | 10,769 |

I hereby certify that the above information is true and correct to the best of my knowledge and belief.



Rodney C. Boyd
Petroleum Engineer

Subscribed and sworn to before me this 19th day of February, 1968.



Notary Public

My Commission Expires: 6-1-69