## TO WHOM IT MAY CONCERN:"

152 DEC 3 AM 3 31 This is to certify that Sharp Drilling Company was the drilling contractor on the Arnold H. Bruner Federal McCormick No. 1 Well, located in Lea County, New Mexico, and that the following information was taken from our drilling reports on said well:

Spud Date: October 20, 1962 Rig Released: November 25, 1962

Toolpusher: Earl Cowley, Jr. Drillers: Earl Winlock, James K. Biles and James Hunt

| Depth  | Deviation     | Depth | Deviation      |
|--------|---------------|-------|----------------|
| 375    | 1             | 7,635 | 1              |
| 680    | 1             | 7,960 | 3/4            |
| 1,875  |               | 8,136 | 1              |
| 2,330  | ł             | 8,735 | 1              |
| 3,010  | 1 i <b>/4</b> | 9,082 | 1 1/4          |
| 3,930  | 1 1/2         | 9,275 | 11/4           |
| 4, 185 | ł             | 9,386 | 1 1/2          |
| 4,680  | 1             | 9,690 | TD             |
| 5,015  | 1/ <b>2</b>   |       |                |
| 5,350  | 3/4           |       |                |
| 5,570  | 1 1/4         |       |                |
| 5,910  | 1             |       |                |
| 6,507  | 3/4           |       |                |
| 6,765  | 3/4           |       |                |
| 6,935  | 3/4           |       |                |
| 7,161  | 3/4           |       |                |
| 7, 345 | 1             |       | $\partial / /$ |

McCarty

HOBES OFFICE GOD

STATE OF TEXAS COUNTY OF MIDLAND

BEFORE ME, the undersigned a Notary Public in and for said County and State, on this day personally appeared T. A. McCarty, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said Sharp Drilling Company, a corporation, and that he executed the same as the act of such corporation for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN under my hand and seal of office this the 30th day of November, 1962, A. D.

Mary 2 Carker