#1 BILBREY Sec. 19-T19S-R38E Lea County, New Mexico

DST #1: 4180' - 4230'.

Open 15" preflow, slight blow for 15", shut in 1 hr. Reopened - no blow. Recovered 30' slightly oil and

gas-cut mud.

| gas cut muu. | | |
|--------------|----------------|----------------|
| Pressures: | IHP | 218 <i>5</i> # |
| | ISIP 1 hr. | 67# |
| | IFP | 33# |
| | FF | 50# |
| | FSIP 2 hr. | 100# |
| | \mathtt{FHP} | 2 1 69# |

DST #2: 4235' - 4285'.

Tool open with weak blow, increased to faint blow. Opened tool on final with weak blow gradually increasing through test to faint blow. Recovered 20' gas-cut drilling mud and 180' of sulphur-smelling drilling fluid.

| Pressures: | IHP | 220 1 # |
|------------|------------------------|----------------|
| | ISIP | 1493# |
| | $\mathbf{F}\mathbf{F}$ | 63# to 123# |
| | FSIP | 1460# |
| | FH P | 2201# |

DST #3

4290' - 4325'.

Opened tool 15" preflow. Weak blow, opened tool 1 hr.

Open blow throughout test. Recovered 1400' of gas in drill pipe, 60' of very heavy oil and gas-cut drilling fluid + 90' of heavy oil and gas-cut sulphur water.

| Pressures: | HP | 2235E | in | - | 2235# | out |
|------------|-----------|-------|----|---|-------|-----|
| | ISIP 60" | 933# | | | | |
| | IFP | 83# | | | | |
| | FFP | 100# | | | | |
| | FSIP 120" | 1246# | | | | |

DST #4 7125' - 7290'.
60" SI, 60" flow, 120" FSI. Very weak blow throughout test.
Recovered 130' drilling fluid, no shows.

| Pressures: | IHP | 3486# |
|------------|------------------------|----------------|
| | ISIP | 2992# |
| | IF | 132# |
| | $\mathbf{F}\mathbf{F}$ | 20 7 # |
| | SI 120" | 282 1 # |
| | FHP | 3486# |

New Mexico Oil Conservation Commission TO:

FROM: Mark Production Company

Subject: Deviation Record

660'/N, 660'/E, Sec. 19, T-19-S, R-38-E, Location: Bilbrey #1

Lea County, New Mexico

DEVIATION RECORD

| 280 ' | 3/4 Deg. | 353 3 ' | 1/2 Deg. |
|---------------|----------|----------------|----------|
| 563 ' | 1/2 | 4034' | 1/2 |
| 875 ' | 1/2 | 4231' | 3/4 |
| 1155' | 1/2 | 4723' | 1 |
| 1433' | 1/4 | 522 5' | 3/4 |
| 1590 ' | 1/2 | 572 4' | 1 |
| 1882' | 3/4 | 622 5' | 1 |
| 2183' | 1 | 6635 ' | 1 1/4 |
| 250 7' | 0 | 7143' | 1 |
| 2830 ' | 3/4 | 72 57' | 1 3/4 |
| 3160' | 1 | 7450' | 1 1/2 |

BEFORE ME, the undersigned authority on this day personally appeared R. S. Bond, known to me to be the person and officer whose name is subscribed to the foregoing instrument, and states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

SUBSCRIBED AND SWORN to before me the 27th day of February, 1976.

Notary Public in and for Midland County, Texas

My Commission Expires

June 1, 1977