Man Drilling Company 918 Lamar Suite 125 Wichita Falls, Texas

Tex-Star - Pan Am Federal No. 1

Sec. 24, T-30-N, R-14-W

San Juan County, New Mexico

HOLE DEVIATIONS

| 310 | ft. | | 1/2 | degree |
|------|-----|---|-----|--------|
| 900 | ft. | | 1/2 | degree |
| 1500 | ft. | | 1/2 | degree |
| 1981 | ft. | | 1/2 | degree |
| 2494 | ft. | | 1/2 | degree |
| 3290 | ft. | 1 | | degree |
| 4中09 | ft. | 1 | 1/4 | degree |
| 4763 | ft. | 1 | | |
| 5052 | ft. | 1 | | _ |
| 5378 | ft. | 1 | | degree |
| 5637 | ft. | | 3/4 | |
| 6005 | ft. | 1 | | degree |
| 6093 | ft. | 1 | | degree |
| 6150 | ft. | 1 | | degree |
| 6206 | ft. | 1 | | degree |
| 6260 | ft. | 1 | | degree |
| | | | | |

Total Depth 6260 ft.

I, Edith Petty, being first duly sworn on oath, state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

MAN DRILLING COMPANY

Subscribed and sworn to before me this 29th day of September, 1964.

Texas.

BRENDA S. SCOTT

. . . .

TEXAS OIL & GAS CORP.

FIDELITY UNION TOWER

DALLAS, TEXAS 75201

February 8, 1965

New Mexico Oil Conservation Commission State Land Office Building Santa Fe, New Mexico

Gentlemen:

Enclosed is a copy of hole deviation for Texas Oil & Gas Corp. (formerly Tex-Star Oil & Gas Corp.) - Pan Am Federal No. 1 well.

Our allowable is being held pending receipt of this hole deviation survey.

Yours very truly,

TEXAS OIL & GAS CORP.

J. Ralph Ellis, Jr

JRE:ms
Encl.

