

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **03861**

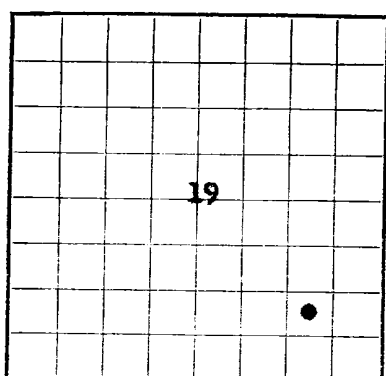
LEASE OR PERMIT TO PROSPECT

**Lednick #4**

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

## LOG OF OIL OR GAS WELL

Company **Texas National Petroleum Co.** Address **405 1/2 W. Broadway, Farmington, N.M.**  
Lessor or Tract **Government** Field **Fulcher-Kuts** PC State **New Mexico**  
Well No. **4** Sec. **19** T. **27N** R. **9W** Meridian **NMPM** County **San Juan**  
Location **1165** ft. **N.** of **2** Line and **990** ft. **E.** of **2** Line of **Sec. 19** Elevation **6434** KB  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

**D. E. A. Johnson**Date **November 21, 1958**Title **Area Manager**

The summary on this page is for the condition of the well at above date.

Commenced drilling **August 27,** 19 **55** Finished drilling **September 14,** 19 **55**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2288** to **2326 (G)** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from **None** to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing   | Weight per foot | Threads per inch | Make        | Amount      | Kind of shoe | Cut and pulled from | Perforated |     | Purpose            |
|---------------|-----------------|------------------|-------------|-------------|--------------|---------------------|------------|-----|--------------------|
|               |                 |                  |             |             |              |                     | From—      | To— |                    |
| <b>9-5/8"</b> | <b>32 1/2</b>   | <b>8-8</b>       | <b>J-55</b> | <b>99'</b>  | <b>Float</b> |                     |            |     | <b>Surface cas</b> |
| <b>7"</b>     | <b>27 1/2</b>   | <b>8-8</b>       | <b>J-55</b> | <b>2288</b> | <b>Guide</b> |                     |            |     | <b>Prod'n cas.</b> |
|               |                 |                  |             |             |              |                     |            |     |                    |
|               |                 |                  |             |             |              |                     |            |     |                    |
|               |                 |                  |             |             |              |                     |            |     |                    |
|               |                 |                  |             |             |              |                     |            |     |                    |
|               |                 |                  |             |             |              |                     |            |     |                    |
|               |                 |                  |             |             |              |                     |            |     |                    |
|               |                 |                  |             |             |              |                     |            |     |                    |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set      | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------|----------------|------------------------|-------------|-------------|--------------------|
| <b>9-5/8"</b> | <b>106 KB</b>  | <b>80 regular</b>      | <b>pump</b> |             |                    |
| <b>7"</b>     | <b>2269 KB</b> | <b>150 regular</b>     | <b>pump</b> |             |                    |
|               |                |                        |             |             |                    |
|               |                |                        |             |             |                    |
|               |                |                        |             |             |                    |
|               |                |                        |             |             |                    |
|               |                |                        |             |             |                    |
|               |                |                        |             |             |                    |
|               |                |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from **0** feet to **2269** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from **2269** feet to **2326** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19 \_\_\_\_\_ Put to producing **August 23,** 19 **56**

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. **480** **9/16/55** **MOF 3658 MCF/D**  
**5/16/56** **Deliv 969 MCF/D**

## EMPLOYEES

**E. T. Fertig**, Driller **J. C. Yates**, Driller

**L. T. Carpenter**, Driller **Benson-Martin & Greer**, Driller

**Drilling Contractor**

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION                   |
|-------|-----|------------|-----------------------------|
|       |     |            | <b>Kirtland 1480</b>        |
|       |     |            | <b>Fruitland 1950</b>       |
|       |     |            | <b>Pictured Cliffs 2288</b> |
|       |     |            | <b>Total Depth 2326</b>     |

**9/15/55: Sand-water fraced 2269 - 2326 with 21,000 gallons and 25,000# sand. Breakdown pressure 1200 to 500 psi. Treating pressure 600 to 500 psi. Average injection rate 43.3 BPM.**

[OVER]

16-43094-3

