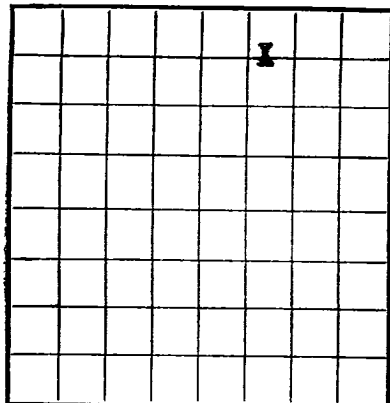


U. S. LAND OFFICE **NH-02053**

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

**LOG OF OIL OR GAS WELL**

Company The Texas Company Address Box 1720 - Fort Worth, Texas  
 Lessor or Tract Mrs. Jimmy Saunders Field Sumont State New Mexico  
 Well No. 2 Sec. 4 T. 19-S R. 37-E Meridian NMPM County Lea  
 Location 660 ft. S. of N Line and 1652 ft. W. of E Line of Section 4 Elevation 3703'  
(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 [Signature]Date September 24, 1956Title Asst. Dist. Superintendent

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

Commenced drilling 8-4, 1956 Finished drilling 8-15, 1956

**OIL OR GAS SANDS OR ZONES**(Denote gas by G)

No. 1, from 3875' to 3960' 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 Drilled with rotary tools and no water sands tested 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    |            |
| 8 5/8"      | 32#             | 8R               | B/W  | 1194'  |              |                     |            |       |            |
| 8 5/8"      | 26#             | 8R               | B/W  | 841'   |              |                     |            |       |            |
| 8 5/8"      | 26#             | 8R               | B/W  | 841'   |              |                     |            |       |            |
| 4 1/2"      | 26#             | 8R               | B/W  | 3958'  | Hallib.      |                     | 3875'      | 3960' | Production |

**MUDDING AND CEMENTING RECORD**

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8"      | 1660'     | 800                    | Hallib.     |             |                    |
| 4 1/2"      | 3965'     | 500                    | Hallib.     |             |                    |

**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 3965' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

August 28, 1956 Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was 80 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. 34.2

FOLD MARK

simulation: ..... of water: and ..... of sediment: ..... gravity: 130 .....  
The production for the first 24 hours was ..... barrels of fluid of which ..... was oil: .....  
But no production ..... 18  
DATES  
Cable tools were used from ..... 1961 to ..... 1961 and from ..... 1961 to ..... 1961  
Rotary tools were used from ..... 1961 to ..... 1961 and from ..... 1961 to ..... 1961

TOOLS USED

| size | steel used | explosive used | quantity | date | depth shot | depth cleared out |
|------|------------|----------------|----------|------|------------|-------------------|
|------|------------|----------------|----------|------|------------|-------------------|

SHOOTING RECORD

|                        |        |
|------------------------|--------|
| Adapters—Material      | Size   |
| Heavying Plug—Material | Length |

PLUGS AND ADAPTERS

| size      | where set | number sacks of cement | method used | shots per foot | depth cleared out |
|-----------|-----------|------------------------|-------------|----------------|-------------------|
| 1 1/2 in. | 3960'     | 500                    | 1 1/2 in.   | 4              | 3960'             |
| 1 1/2 in. | 3960'     | 500                    | 1 1/2 in.   | 4              | 3960'             |

MUDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and the results. If there were any changes made in the casing, state fully, and if any casing was "shotback" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Well was drilled to a total depth of 3965' where 4 1/2" casing was set. Cement was drilled out to a plug back depth of 3962'. Perforated 4 1/2" casing from 3960'-3965' with 4 shots per foot on 8-18-56. Acidized perfor with 500 gallons 15% regular acid on 8-19-56. Attempted to frac with 10,000 gallons. 1000 gallons in form at 5400'. Fractured with 100 bbls. 70 hours, and swabbed 44 bbls. 12 hours. Swabbed dry. Re-perforated from 3960'-3965' with 4 shots per foot on 8-20-56. Acidized with 500 gallons mud acid on 8-20-56. Fractured with 10,000 gallons refined oil carrying 1/2" sand per gallon on 8-21-56. Flowed and swabbed 167 bbls. load oil in 18 hours.

On potential test ending 8-28-56 well flowed 80 bbls. of 34.2 gravity oil in 18 hours. GOR is 100%.

OIL OR GAS ZONES OR ZONES

Commenced drilling ..... 1955 Finished drilling ..... 1955

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

Date September 28, 1955

so far as can be determined from all available records.

The information given herewith is a complete and correct record of the well and all work done thereon

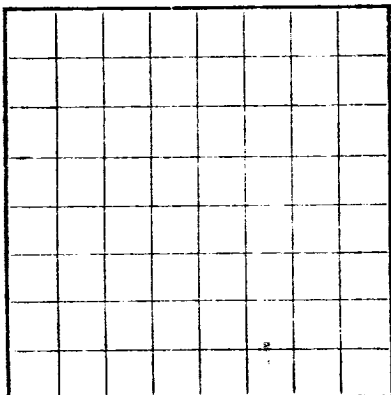
Location of 2' of line and 10' of line of ..... Elevation 3800'

Well No. 3 Sec. 17 T. 1 N. R. 1 E. Meridian

Lesser of tract 110

Company The Texas Eastern Address

LOCATE WELL CORRECTLY



LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

PERMIT OR PERMIT TO PROSPECT

SENIOR SURVEY

FIELD OFFICE