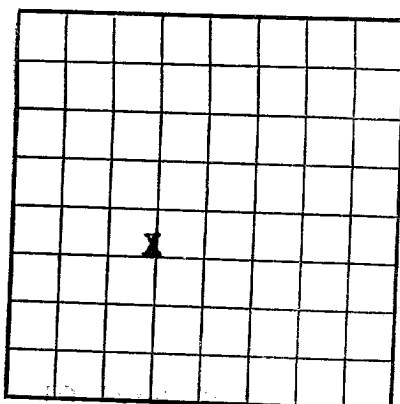
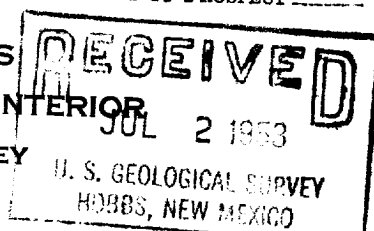
U. S. LAND OFFICE Las CrucesSERIAL NUMBER 062368

LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address Box 1270, Midland, Texas  
Lessor or Tract C. E. Penny Field Dollarhide West State New Mexico  
Well No. 3 Sec. 4 T. 25-SR.38-E Meridian NMPM County Lea  
Location 1980 ft. [N.] of S. Line and 660 ft. [W.] of E. Line of Sec. 4 Elevation 3148  
(Denote 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, so far as furnished.

Date June 29, 1953Signed [Signature] Title Asst. Dist. Supt.

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

Commenced drilling December 13, 1952 Finished drilling May 30, 1953

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from --- to --- 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 --- 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—  |            |
| 13-3/8      | 48#             | 8 R              | Sml  | 321    | Larkin       | ---                 | ---        | ---  | ---        |
| 7-5/8       | 24#             | 8 R              | Sml  | 3405   | Larkin       | ---                 | ---        | ---  | ---        |
| 5-1/2       | 17#             | 8 R              | Sml  | 8518   | Larkin       | 5354'               | 8428       | 8444 | Production |
|             |                 |                  |      |        |              |                     | 8395       | 8410 | "          |
|             |                 |                  |      |        |              |                     | 8225       | 8280 | "          |
|             |                 |                  |      |        |              |                     | 6792       | 6816 | "          |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13-3/8      | 336       | 300                    | Hallib.     | ---         | ---                |
| 7-5/8       | 3420      | 2200                   | Hallib.     | ---         | ---                |
| 5-1/2       | 8533      | 550                    | 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 8533 feet, and from --- feet to --- feet  
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet

## DATES

Put to producing Dry, 1953

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 ---

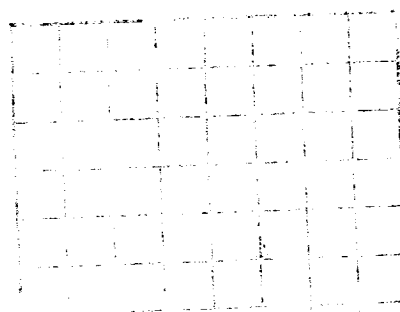
Rock pressure, lbs. per sq. in. ---

## EMPLOYEES

---, Driller ---, Driller  
---, Driller ---, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET      | FORMATION      |
|-------|------|-----------------|----------------|
| 0     | 30   | 30              | Caliche        |
| 30    | 495  | 465             | Red Bed        |
| 495   | 1163 | 668             | Red Bed & Anhy |
| 1163  | 1308 | 145             | Anhy & Salt    |
| 1308  | 1577 | 269             | Red Bed & Salt |
| 1577  | 2739 | 1162            | Salt & Anhy    |
| 2739  | 2914 | 175             | Anhy & Sand    |
| 2914  | 3092 | 178             | Anhy-Lime      |
| 3092  | 4722 | 1630            | Lime           |
| 4722  | 5015 | 293             | Lime & Sand    |
| 5015  | 5101 | 86              | Lime           |
| 5101  | 5327 | 226             | Lime & Sand    |
| 5327  | 7226 | 1899            | Lime           |
| 7226  | 7667 | 441             | Lime & Shale   |
| 7667  | 7771 | 104             | Lime           |
| 7771  | 8234 | 463             | Shale          |
| 8234  | 8533 | 299             | Lime           |
|       | 8533 |                 |                |
|       | 3780 |                 |                |
|       |      | Total Depth     |                |
|       |      | Plug back depth |                |



No commercial production was anticipated; therefore, well will be plugged and abandoned in the following manner: A 30 sack cement plug 3700', and a 30 sack cement plug from 3470' to 3330', and a 30 sack cement plug from 3700' to 3700'.

Hydrochloric Acid. Swabbed 25 ~~times~~ bbls. of load oil in 18 hours.

5-1/2" casing was shot off at 5358' and same was removed from well. Well was plugged back from 6300' to 3780' in the following manner: A 30 sack cement plug from 5272' to 5392', 30 sack cement plug from 4088' to 4238', and a 60 sack cement plug from 3738' to 3938'. Cement was drilled and well was plugged back to 3780' with 30 gallons of formation was treated from 3019' to 3780' with 3000 gallons

The following casing sections were performed and tested for production: 8335-8410, 8225-8280, 6792-6810, 6755-6777, 6722-6735, 6640-6710, 6460-0515, 6382-6414, 6368-6375, 6342-6363, 6303-6322. A bridge plug was set at 6850' with 5 sacks of cement on top of plug. A 75 sack cement plug was set at 6300'. and a 15 sack cement plug was set at 6627'.

The well was drilled to a total depth of 8533' and was plugged back to a depth of 3780'. At a depth of 1727' well was plugged back to 1100'. In order to strengthen hole. Casing was perforated from 8428' to 8747'. 5900 Gallons of 15% regular acid. Swabbed dry. Re-perforated from 8428' to 8747' with 6 shots per foot, and treated formation through perforation with 8000 Gallons of 15% regular acid. Swabbed 100% acid water for 11 hours. A bridge plug was set at 8724' with 1 sack of cement on top.

ALL measurements from rotary table or log above ground:

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 its results. If there were any changes made in the casing, state fully, and if any casing was "added back" 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 building.

## HISTORY OF OIL OR GAS WELL

| FROM-                                                                                         | TO-                     | TOTAL FEET                        |
|-----------------------------------------------------------------------------------------------|-------------------------|-----------------------------------|
| <b>Drill Stem Tests:</b>                                                                      |                         |                                   |
| #1: 3638-3900 Tool open 30 minutes.                                                           |                         |                                   |
| #2: 6278-6450 Tool open 2 hours.                                                              |                         |                                   |
| #3: 6638-6830 Tool open 3 hours,                                                              |                         |                                   |
| and 20 minutes. Recovered 380' heavy oil & gas cut mud, 310' gas cut mud, and 60' salt water. |                         |                                   |
| #4: 8278-8390 Tool open 1 hour.                                                               |                         |                                   |
| #5: 8359-8533 Tool open 2 hours.                                                              |                         |                                   |
| Recovered 125' drilling mud. Recovered 110' gas cut mud and 90'                               |                         |                                   |
| heavy oil & gas cut mud (est. 40% oil, no water).                                             |                         |                                   |
| FORMATION                                                                                     | TOTAL FEET              |                                   |
| <b>FORMATION RECORD</b>                                                                       |                         |                                   |
| Diller                                                                                        | Diller                  |                                   |
| <b>EMPLOYEES</b>                                                                              |                         |                                   |
| Gallons gasoline per 1,000 cu ft. of gas _____                                                |                         |                                   |
| Gravity, Bx _____                                                                             |                         |                                   |
| % barrels of fluid of which ____ was oil ____ %                                               |                         |                                   |
| Put to producing _____ , 19__                                                                 |                         |                                   |
| <b>DATES</b>                                                                                  |                         |                                   |
| _____ feet from _____                                                                         | _____ foot to _____     | Rotary tools were used from _____ |
| _____ feet from _____                                                                         | _____ foot to _____     | Cable tools were used from _____  |
| <b>TOOLS USED</b>                                                                             |                         |                                   |
| Tools obtained at _____                                                                       | Date _____              | Explosive used _____              |
| Depth shot _____                                                                              |                         | Shell used _____                  |
| <b>SHOOTING RECORD</b>                                                                        |                         |                                   |
| Adapters - Material _____                                                                     |                         |                                   |
| Leaving pipe - Material _____                                                                 |                         |                                   |
| Detail set _____                                                                              |                         |                                   |
| <b>MUNICIPALITY AND PERMITTING RECORD</b>                                                     |                         |                                   |
| Permit No. _____                                                                              | Name of permittee _____ | Address _____                     |
| No. of rods _____                                                                             | Type of work _____      | Remarks _____                     |
| Name of city or town _____                                                                    |                         |                                   |
| State _____                                                                                   |                         |                                   |

Drill Stem Tests:

|                                                                                                                               |                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1:3632-3900 Tool open 30 minutes. Recovered 130' drilling mud, no water.                                                      | 1:3632-3900 Tool open 2 hours. Recovered 90' drilling mud, no water.                                                          |
| #2:6273-6450 Tool open 3 hours, and 20 minutes. Recovered 380' heavy oil & gas cut mud, 310' gas cut mud, and 90' salt water. | #3:6638-6830 Tool open 3 hours, and 20 minutes. Recovered 380' heavy oil & gas cut mud, 310' gas cut mud, and 90' salt water. |
| #4:8240-8329 Tool open 1 hour. Recovered 125' drilling mud.                                                                   | #5:8359-8533 Tool open 2 hours. Recovered 110' gas cut mud and 90' oil, no water).                                            |