

LEASE OR PERMIT TO PROSPECT

Form 9-230

NOTED

JUN 21 1961

**STANDLEY**

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company TEXACO Inc. Address P.O. Box 728 -Hobbs, New Mexico  
Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico  
Well No. 48 Sec. 22 T. 25-S R. 32-E Meridian NMPM County Lea  
Location 2310 ft. (N) of S Line and 330 ft. (E) of W Line of Section 22 Elevation 3409' (DF)  
(Derick 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.

Date June 20, 1961 Signed [Signature] Title Assistant District Superintendent

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

Commenced drilling June 8 1961 Finished drilling June 15 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 4653 to 4670 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 4673 to 4682 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—  |           |
| 7 5/8"      | 21.00 lbs       | 8 in             | H-KO | 240'   | flared       | None                | None       | None | Surfacing |
| 1 1/2"      | 0.95            | 8 in             | H-KO | 100'   | flared       | None                | None       | None | Surfacing |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 7 5/8"      | 352'      | 250                    | Howco       |             |                    |
| 4 1/2"      | 4753'     | 150                    | Howco       |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 4756 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

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

## DATES

June 20, 19 61 Put to producing June 18, 19 61

The production for the first 24 hours was 132 barrels of fluid of which 85 % was oil; ----- % emulsion; 15 % water; and ----- % sediment. Gravity, °Bé. 41

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

James Hurt, Driller Harvin Alexander, Jr., Driller

B. M. Slaughter, Driller

# FORMATION RECORD

| FROM-                                                           | TO-  | TOTAL FEET | FORMATION           |
|-----------------------------------------------------------------|------|------------|---------------------|
| 0                                                               | 354  | 354        | Caliche             |
| 354                                                             | 772  | 418        | Redbed              |
| 772                                                             | 1121 | 349        | Redbed & Anhy       |
| 1121                                                            | 1235 | 114        | Salt                |
| 1235                                                            | 1255 | 20         | Anhy                |
| 1255                                                            | 1320 | 65         | Salt                |
| 1320                                                            | 3496 | 2176       | Salt & Anhy         |
| 3496                                                            | 3972 | 476        | Anhy                |
| 3972                                                            | 4756 | 784        | Anhy & Salt         |
| Total Depth                                                     | 4756 |            |                     |
| FBTD                                                            | 4751 |            |                     |
| All Measurements from Rotary Table or<br>8' Above Ground Level. |      |            |                     |
| Estimate No. <u>5545</u>                                        |      |            |                     |
| 1 - USGS                                                        |      |            | Formation Tops      |
| 1 - NMOC                                                        |      |            | Top of Anhy 748'    |
| 1 - Mrs. Rhea                                                   |      |            | Top of Salt 1130'   |
| 1 - Pauley Pet.                                                 |      |            | Btm of Salt 4380'   |
| 1 - Division                                                    |      |            | Delaware Sand 4628' |
| 1 - Field                                                       |      |            |                     |
| 1 - File                                                        |      |            |                     |
| FROM-                                                           | TO-  | TOTAL FEET | FORMATION           |

All Measurements from Rotary Table or  
2' Above Ground Level.

Estimate No. 5545

- 4 - USGS
- 1 - NMOC
- 1 - Mrs. Rhea
- 1 - Pauley Pet
- 1 - Division
- 1 - Field
- 1 - File

| Formation Tops |       |
|----------------|-------|
| Top of Anhy    | 748'  |
| Top of Salt    | 1130' |
| Btm of Salt    | 4380' |
| Delaware Sand  | 4628' |

**LOK**

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