

Form 9-330

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER LC-062300  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES <sup>HOBBS OFFICE OCC</sup>

DEPARTMENT OF THE INTERIOR

1961 JUN 5 AM 5:46  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEXACO Inc. Address P.O. Box 352 - Midland, Texas  
Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico  
Well No. 18 Sec. 22 T. 25-S R. 32-E Meridian NMPM County Lea  
Location 1650 ft. NW of N Line and 1650 ft. E of W Line of Section 22 Elevation 3428' (DF)  
(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.

Date June 2, 1961 Signed [Signature] Title Assistant District Superintendent

The summary on this page is for the condition of the well at above date.  
Commenced drilling May 21, 1961 Finished drilling May 28, 1961

**OIL OR GAS SANDS OR ZONES**  
No. 1, from 1690' to 1700' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1700' to 1710' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 1710' to 1720' No. 6, from \_\_\_\_\_ to \_\_\_\_\_  
**Drilling with Rotary Tools and No Water Sands Tested.**  
**IMPORTANT WATER SANDS**  
No. 1, from 1720' to 1730' No. 2, from 1730' to 1740'  
No. 3, from 1740' to 1750' No. 4, from 1750' to 1760'

| 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           | 8.0              | Howco | 100    | None         | None                | None       | None | None    |
| 4 1/2"      | 17.55           | 8.0              | Howco | 200    | None         | None                | None       | None | None    |

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 7 5/8"      | 330       | 250                    | Howco       |             |                    |
| 4 1/2"      | 1755      | 200                    | Howco       |             |                    |

**PLUGS AND ADAPTERS**  
Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

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

**TOOLS USED**  
Rotary tools were used from 0 feet to 1755 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**  
June 2, 1961 Put to producing June 1, 1961  
The production for the first 24 hours was 146 barrels of fluid of which 62 % was oil; \_\_\_\_\_ % emulsion; 38 % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 41.8  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**  
B. M. Slaughter, Driller Marvin Alexander, Jr., Driller  
J. W. Grisson, Driller \_\_\_\_\_, Driller

| FROM—       | TO—  | TOTAL FEET | FORMATION     |
|-------------|------|------------|---------------|
| 0           | 83   | 83         | Caliche       |
| 83          | 750  | 667        | Redbed        |
| 750         | 1143 | 393        | Top of Anhy   |
| 1143        | 1792 | 649        | Top of Salt   |
| 1792        | 4410 | 2618       | Anhy & Salt   |
| 4410        | 4628 | 218        | Lime          |
| 4628        | 4655 | 27         | Lamar Lime    |
| 4655        | 4755 | 100        | Delaware Sand |
| Total Depth | 4755 |            |               |
| PBTD        | 4722 |            |               |

All Measurements from Rotary Table or 8' Above Ground Level.

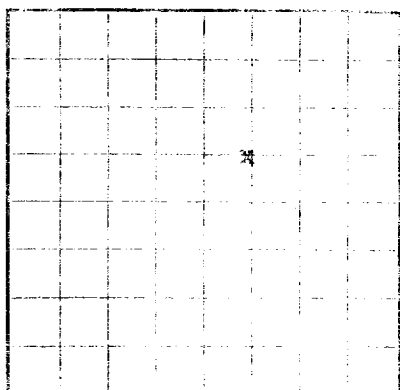
Estimate No. 5368

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

FORMATION TOPS  
Top of Anhy - 750'  
Top of Salt - 1143'  
Btm of Salt - 4410'  
Lamar Lime - 4628'  
Delaware Sand - 4655'

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LOG OF OIL OR GAS WELL



Company: ...  
Location: ...  
Well No.: ...  
Date: ...  
Top of Pay: ...  
Bottom of Pay: ...  
Signed: ...  
On this page is for the condition of the well at above date.

Perforate 7 1/2" O.D. Casing with 2 1/2" bit 1/2" from ...  
Tested 0. K. Job complete 9:15 A.M. May 31, 1961.  
Nub 4 1/2" of 7 1/2" O.D. Casing and cemented with 200 ex. Regular.  
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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 persons for the work and its results. If there were any changes made in the casing, state size, position, and number of holes, or if the well has been dynamited, give date, size, position, and number of holes, or if the well has been dynamited, give date, size, position, and number of holes, or if the well has been dynamited, give date, size, position, and number of holes.

| HISTORY OF OIL OR GAS WELL   |           |         |         |
|------------------------------|-----------|---------|---------|
| Casing Record                |           |         |         |
| Casing                       | Weight    | Length  | Remarks |
| ...                          | ...       | ...     | ...     |
| Mudding and Cementing Record |           |         |         |
| Mud                          | Gravities | Method  | Remarks |
| ...                          | ...       | ...     | ...     |
| Plugging and Sealing Record  |           |         |         |
| Plug                         | Gravities | Method  | Remarks |
| ...                          | ...       | ...     | ...     |
| Shooting Record              |           |         |         |
| Shot                         | Gravities | Method  | Remarks |
| ...                          | ...       | ...     | ...     |
| Formation Record             |           |         |         |
| Formation                    | Gravities | Method  | Remarks |
| ...                          | ...       | ...     | ...     |
| Employees                    |           |         |         |
| Name                         | Position  | Remarks |         |
| ...                          | ...       | ...     | ...     |
| Dates                        |           |         |         |
| Date                         | Event     | Remarks |         |
| ...                          | ...       | ...     | ...     |
| Formation Record (Continued) |           |         |         |
| Formation                    | Gravities | Method  | Remarks |
| ...                          | ...       | ...     | ...     |