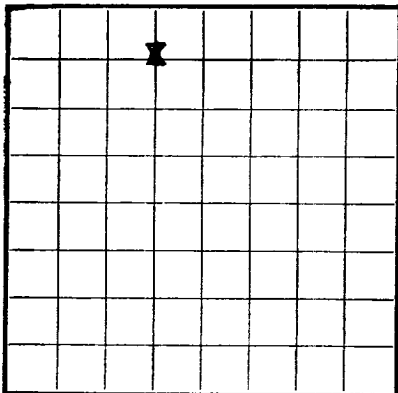


Form 9-330

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



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P.O. Box 352 - Midland, Texas  
Lessor or Tract Cotton Draw Unit Field Undesignated State New Mexico  
Well No. 47 Sec. 28 T. 25-S R. 32-E Meridian NMPH County Lea  
Location 660 ft. N. of M. Line and 1980 ft. E. of W. Line of Section 28 Elevation 3390 (D.F.)  
(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 \_\_\_\_\_  
Date May 8, 1961 Title Assistant District Superintendent

The summary on this page is for the condition of the well at above date.  
Commenced drilling April 23, 1961 Finished drilling May 1, 1961

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)  
No. 1, from 4618 to 4658 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 4618 to 4658 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_  
Drilled with Rotary Tools and No. Water Sands Tested

**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"                           | 24.00           | 8-2              | H-40 | 320'   | None         | None                | None       | None | Production |
| 4 1/2"                           | 9.50            | 8-2              | H-35 | 4739'  | None         | None                | None       | None | Production |
| HISTORY OF OIL OR GAS PRODUCTION |                 |                  |      |        |              |                     |            |      |            |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 7 5/8"      | 334'      | 250                    | Howco       |             |                    |
| 4 1/2"      | 4749'     | 200                    | 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 4750 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

May 8, 1961 Put to producing May 5, 1961

The production for the first 24 hours was 150 barrels of fluid of which 60% was oil; --%  
emulsion; 40% 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

B. M. Slaughter, Driller L. G. Edwards, Driller  
Marvin Alexander, Jr., Driller \_\_\_\_\_, Driller

FORMATION RECORD

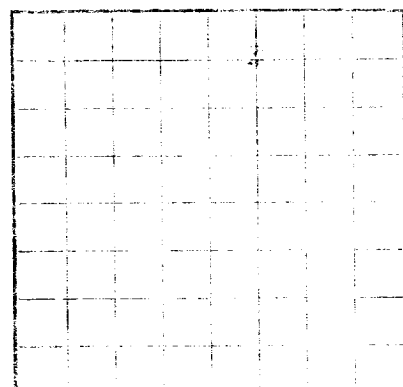
| FROM—                                                        | TO—  | TOTAL FEET | FORMATION     |
|--------------------------------------------------------------|------|------------|---------------|
| 0                                                            | 89   | 89         | Caliche       |
| 89                                                           | 785  | 696        | Redbed        |
| 785                                                          | 1182 | 397        | Anhy          |
| 1182                                                         | 1888 | 706        | Top of Salt   |
| 1888                                                         | 4347 | 2459       | Anhy & Salt   |
| 4347                                                         | 4594 | 247        | Lime & Sand   |
| 4594                                                         | 4750 | 156        | Delaware Sand |
| Total Depth                                                  | 4750 |            |               |
| PBTD                                                         | 4723 |            |               |
| All Measurements From Rotary Table or 8' Above Ground Level. |      |            |               |
| Estimate No. <u>5507</u>                                     |      |            |               |
| 1 - USGS                                                     |      |            |               |
| 1 - MOCO                                                     |      |            |               |
| 1 - Mrs. Rhea                                                |      |            |               |
| 1 - Pauley Pet.                                              |      |            |               |
| 1 - Division                                                 |      |            |               |
| 1 - Field                                                    |      |            |               |
| 1 - File                                                     |      |            |               |
| FROM—                                                        | TO—  | TOTAL FEET | FORMATION     |

(OVER)

FORMATION RECORD—Continued

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL



LOCATE ALL CORRECTIONS

[illegible]

Spudded 9 7/8" hole 2:25 P.M. April 28, 1961. Core from 3201' to 7 5/8" O.D. Casing and cemented at 334' with 250 ex regular. Cement placed, Plug at 3101'. Tested 7 5/8" casing before and after drilling plug for 30 minutes with 600 PSI. Tested 6" H. plug complete 1:00 A.M. April 25, 1961. Core from 3101' to 3000'.

Run 7/8" or 1 1/2" O.D. casing and cemented at 2719'. With 200 ex Incon. Plug at 7/23'. Tested 7 1/2" O.D. casing before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. plug complete 9:00 A.M. May 7, 1961.

Perforate 7 1/2" O.D. casing with 2 jet shots per ft. 4618' to 4638' and 4648' to 4658'. Acidize with 1000 gals 15% HCl and 250 gals Del Acid and 250 lbs. crushed Naphthalene at 3 H.M. Oil or Gas Sands or Zones

Completed drilling 1961. Finished drilling 1961.

On 16 hr. 21 well shipped 60 BO and 40 BM. Logging 7:00 A.M. May 6, 1961.

Disposition

[illegible]

**HISTORY OF OIL OR GAS WELL**

U. S. GOVERNMENT PRINTING OFFICE

| MUDLOGGING AND CEMENTING RECORD |             |             |                           |
|---------------------------------|-------------|-------------|---------------------------|
| Amount of mud used              | Mud gravity | Method used | Number and kind of cement |
|                                 |             | Flowed      |                           |
|                                 |             | Flowed      |                           |

| SHOOTING RECORD |          |      |                    |
|-----------------|----------|------|--------------------|
| Depth shot      | Quantity | Date | Depth obtained and |
|                 |          |      |                    |
|                 |          |      |                    |

| TOOLS USED |          |      |                    |
|------------|----------|------|--------------------|
| Tool       | Quantity | Date | Depth obtained and |
|            |          |      |                    |
|            |          |      |                    |

| EMPLOYEES |          |      |                    |
|-----------|----------|------|--------------------|
| Name      | Position | Date | Depth obtained and |
|           |          |      |                    |
|           |          |      |                    |

| FORMATION RECORD |            |      |      |
|------------------|------------|------|------|
| Formation        | Total Feet | To   | From |
| Caliche          | 50         | 50   | 0    |
| Reddish          | 50         | 100  | 50   |
| Gray             | 50         | 150  | 100  |
| Top of Sand      | 100        | 150  | 100  |
| Gray & Sand      | 150        | 200  | 150  |
| Red & Sand       | 200        | 250  | 200  |
| Caliche          | 250        | 300  | 250  |
| Reddish          | 300        | 350  | 300  |
| Gray             | 350        | 400  | 350  |
| Top of Sand      | 400        | 450  | 400  |
| Gray & Sand      | 450        | 500  | 450  |
| Red & Sand       | 500        | 550  | 500  |
| Caliche          | 550        | 600  | 550  |
| Reddish          | 600        | 650  | 600  |
| Gray             | 650        | 700  | 650  |
| Top of Sand      | 700        | 750  | 700  |
| Gray & Sand      | 750        | 800  | 750  |
| Red & Sand       | 800        | 850  | 800  |
| Caliche          | 850        | 900  | 850  |
| Reddish          | 900        | 950  | 900  |
| Gray             | 950        | 1000 | 950  |
| Top of Sand      | 1000       | 1050 | 1000 |
| Gray & Sand      | 1050       | 1100 | 1050 |
| Red & Sand       | 1100       | 1150 | 1100 |
| Caliche          | 1150       | 1200 | 1150 |
| Reddish          | 1200       | 1250 | 1200 |
| Gray             | 1250       | 1300 | 1250 |
| Top of Sand      | 1300       | 1350 | 1300 |
| Gray & Sand      | 1350       | 1400 | 1350 |
| Red & Sand       | 1400       | 1450 | 1400 |
| Caliche          | 1450       | 1500 | 1450 |
| Reddish          | 1500       | 1550 | 1500 |
| Gray             | 1550       | 1600 | 1550 |
| Top of Sand      | 1600       | 1650 | 1600 |
| Gray & Sand      | 1650       | 1700 | 1650 |
| Red & Sand       | 1700       | 1750 | 1700 |
| Caliche          | 1750       | 1800 | 1750 |
| Reddish          | 1800       | 1850 | 1800 |
| Gray             | 1850       | 1900 | 1850 |
| Top of Sand      | 1900       | 1950 | 1900 |
| Gray & Sand      | 1950       | 2000 | 1950 |
| Red & Sand       | 2000       | 2050 | 2000 |
| Caliche          | 2050       | 2100 | 2050 |
| Reddish          | 2100       | 2150 | 2100 |
| Gray             | 2150       | 2200 | 2150 |
| Top of Sand      | 2200       | 2250 | 2200 |
| Gray & Sand      | 2250       | 2300 | 2250 |
| Red & Sand       | 2300       | 2350 | 2300 |
| Caliche          | 2350       | 2400 | 2350 |
| Reddish          | 2400       | 2450 | 2400 |
| Gray             | 2450       | 2500 | 2450 |
| Top of Sand      | 2500       | 2550 | 2500 |
| Gray & Sand      | 2550       | 2600 | 2550 |
| Red & Sand       | 2600       | 2650 | 2600 |
| Caliche          | 2650       | 2700 | 2650 |
| Reddish          | 2700       | 2750 | 2700 |
| Gray             | 2750       | 2800 | 2750 |
| Top of Sand      | 2800       | 2850 | 2800 |
| Gray & Sand      | 2850       | 2900 | 2850 |
| Red & Sand       | 2900       | 2950 | 2900 |
| Caliche          | 2950       | 3000 | 2950 |
| Reddish          | 3000       | 3050 | 3000 |
| Gray             | 3050       | 3100 | 3050 |
| Top of Sand      | 3100       | 3150 | 3100 |
| Gray & Sand      | 3150       | 3200 | 3150 |
| Red & Sand       | 3200       | 3250 | 3200 |
| Caliche          | 3250       | 3300 | 3250 |
| Reddish          | 3300       | 3350 | 3300 |
| Gray             | 3350       | 3400 | 3350 |
| Top of Sand      | 3400       | 3450 | 3400 |
| Gray & Sand      | 3450       | 3500 | 3450 |
| Red & Sand       | 3500       | 3550 | 3500 |
| Caliche          | 3550       | 3600 | 3550 |
| Reddish          | 3600       | 3650 | 3600 |
| Gray             | 3650       | 3700 | 3650 |
| Top of Sand      | 3700       | 3750 | 3700 |
| Gray & Sand      | 3750       | 3800 | 3750 |