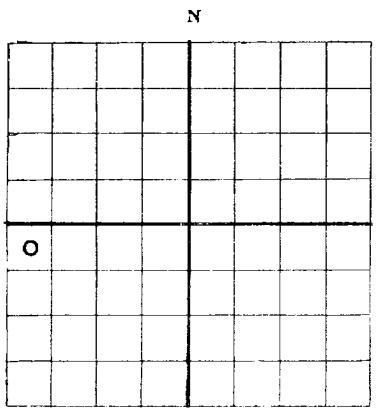
FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD



Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

DUPLICATE

The Texas Company — P. O. Box 1870, Midland, Texas.
Company or Operator — Address

St.N.M. "H" Lieu — Well No. 17 — in NW Cor of SW¼ of Sec. 19, T. 20-S
Lease

R. 37-E, N. M. P. M., Monument Field, Lea County.

Well is 330 feet south of the North line and 2310 feet west of the East line of NWCor of SW¼ Sec. 19

If State land the oil and gas lease is No. B-160 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is The Texas Company, Address Box 2538, Houston, Texas

Drilling commenced 3-3 19 39 Drilling was completed 4-19 19 39

Name of drilling contractor Holmerich & Payne, Inc. Address Tulsa, Oklahoma

Elevation above sea level at [illegible] 3849 feet. at Derrick Floor.

The information given is to be kept confidential until 19 .

### OIL SANDS OR ZONES

No. 1, from 3830 to 3874 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

### CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 10-3/4 | 32.75 | 8 | L&W | 105' | Larkin Pattern | | | | |
| 7-5/8 | 26.40 | 8 | L&W | 1246' | Halliburton Cement Guide | | | | |
| 5-1/2 | 17 | 10 | Smls | 3690' | Halliburton Cement Guide | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| | 10-3/4 | 119' | 125 | Halliburton | | |
| | 7-5/8 | 1246' | 200 | " | | |
| | 5-1/2 | 3668' | 150 | " | | |
| | | | | | | |

### PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

### RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|---|---|---|---|---|---|---|
| | | Chem. Process | 10000 | 4-4-39 | 3840' | |
| | | " " | 20000 | 4-6-39 | 3850' | |
| | | " " | 20000 | 4-13-39 | 3850' | |

Results of shooting or chemical treatment

### RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

### TOOLS USED

Rotary tools were used from 0' feet to 3874' feet, and from feet to feet

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

### PRODUCTION

Put to producing 4-19- 19 39

The production of the first 24 hours was 90 barrels of fluid of which 99 % was oil; % emulsion; % water; and 1 % sediment. Gravity, Be 36.8

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

Rock pressure, lbs. per sq. in. Gas Oil Ratio - 987

### EMPLOYEES

L. M. Adams, Driller T. C. Coleman, Driller

L. C. Cornett, Driller , Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 9th day of May 19 39

W. G. Chapman
Notary Public

Midland, Texas, May 9th, 1939.
Place Date

Name W. A. Wright

Position District Superintendent

Representing The Texas Company

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 40 | 40 | Sand & Caliche |
| 40 | 85 | 45 | Sand & Clay |
| 85 | 130 | 45 | Red Beds |
| 130 | 340 | 210 | Red Beds & Sand Rock |
| 210 | 1082 | 672 | Red Rock |
| 1082 | 1175 | 93 | Anhydrite & Shale |
| 1175 | 1228 | 53 | Anhydrite & Red Beds |
| 1228 | 1255 | 27 | Anhydrite |
| 1255 | 1270 | 15 | Broken Anhydrite |
| 1270 | 2040 | 770 | Anhydrite & Salt |
| 2040 | 2140 | 100 | Broken Anhydrite |
| 2140 | 2250 | 110 | Salt, Potash, Anhydrite Shells |
| 2250 | 2420 | 170 | Anhydrite & Salt |
| 2420 | 2460 | 40 | Anhydrite & Lime |
| 2460 | 2561 | 101 | Anhydrite |
| 2561 | 2600 | 39 | Anhydrite, Lime, & Sand |
| 2600 | 2893 | 293 | Anhydrite |
| 2893 | 2977 | 84 | Anhydrite & Lime |
| 2977 | 2995 | 18 | Lime |
| 2995 | 3060 | 65 | Lime & Anhydrite |
| 3060 | 3449 | 389 | Lime |
| 3449 | 3463 | 14 | Sandy Lime |
| 3463 | 3543 | 80 | Lime |
| 3543 | 3577 | 34 | Lime & Sand |
| 3577 | 3874 | 297 | Lime |

TOTAL DEPTH: 3874'

Deviation Tests As Follows:

| | | |
|---|---|---|
| 502' | - | 1/2° |
| 1090' | - | 0° |
| 1285' | - | 2° |
| 1500' | - | 1° |
| 2000' | - | 1° |
| 2414' | - | 1-1/2° |
| 2570' | - | 2° |
| 3018' | - | 1° |
| 3838' | - | 0° |

LFS-DAT