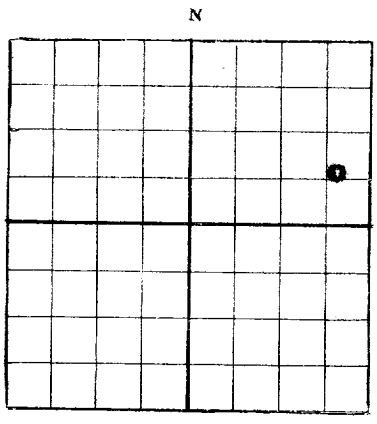
FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

## WELL RECORD

RECD
AUG 27 1945

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

The Texas Company — Company or Operator — Box 1720, Fort Worth 1, Texas — Address

J. S. Eaves — Lease — Well No. 1 in SE¼ NE¼ of Sec. 26, T. 16-S

R. 38-E, N. M. P. M., Wildcat Field, Lea County.

Well is 1980 feet south of the North line and 660 feet west of the East line of Section 26

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

If patented land the owner is John S. Eaves, Address Lovington, New Mex.

If Government land the permittee is --, Address --

The Lessee is The Texas Company, Address Box 2332, Houston, Texas

Drilling commenced December 9 19 44 Drilling was completed August 20 19 45

Name of drilling contractor J. R. Sharp Drlg. Co., Address Box 1731, Midland, Texas

Elevation above sea level at top of casing 3697 feet. Derrick Floor.

The information given is to be kept confidential until -- 19

### OIL SANDS OR ZONES

No. 1, from None to — 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 8845 to 8975 feet. Sulfur Water

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 |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8 | 54.5&48 | 8V&8R | Smls | 302 | Baker | -- | -- | -- | -- |
| 9-5/8 | 32.3&36 | 8Rd | Smls | 2165 | Baker | -- | -- | -- | -- |
| 7 | 23# | 8Rd | Smls | 5199 | Larkin | -- | -- | -- | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 17-1/4 | 13-3/8 | 312 | 300 | Halliburton | -- | -- |
| 12-1/4 | 9-5/8 | 2170 | 150 | Halliburton | -- | -- |
| 8-3/4 | 7 | 5160 | 300 | Halliburton | -- | -- |
| | | | | | | |

### 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 |
|---|---|---|---|---|---|---|
| -- | -- | Western Acid | 2000gal | 3-7-45 | 5160-5667 | -- |
| -- | -- | Western Acid | 5000gal | 3-9-45 | 5160-5667 | -- |
| | | | | | | |

Results of shooting or chemical treatment After acidizing in two stages as shown, well made only a slight show of oil and some water.

### 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 10,085 feet, and from — feet to — feet

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

### PRODUCTION

Put to producing Dry Hole 19

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

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

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

### EMPLOYEES

L. J. Grimes, Driller — A. T. Williamson, Driller

Henry Farmer, Driller — F. N. Haase, 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 22nd day of August 1945

Elizabeth Frye
Notary Public

My Commission expires: 6-1-47

Midland, Texas (Place) August 22, 1945 (Date)

Name

Position Drlg. & Prod. Foreman

Representing The Texas Company (Company or Operator)

Address Box 1270, Midland, Texas

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 187 | 187 | Surface Caliche & Sand |
| 187 | 343 | 156 | Red Beds |
| 343 | 723 | 380 | Red Beds & Shale |
| 723 | 970 | 247 | Red Beds |
| 970 | 1902 | 932 | Red Beds, Shale & Shells |
| 1902 | 2017 | 115 | Red Rock & Anhydrite |
| 2017 | 2340 | 323 | Anhydrite |
| 2340 | 2854 | 514 | Salt, Anhydrite & Red Rock |
| 2854 | 3320 | 466 | Salt & Anhydrite |
| 3320 | 3568 | 248 | Broken Anhydrite |
| 3568 | 4508 | 940 | Anhydrite & Gyp |
| 4508 | 4715 | 207 | Lime & Anhydrite |
| 4715 | 5030 | 315 | Lime, Some Gyp & Anhydrite |
| 5030 | 6355 | 1325 | Lime |
| 6355 | 6565 | 210 | Lime & Sand |
| 6565 | 6890 | 325 | Lime |
| 6890 | 7070 | 180 | Lime, traces of sand |
| 7070 | 7150 | 80 | Sandy Lime |
| 7150 | 7935 | 785 | Lime |
| 7935 | 8045 | 110 | Lime & Limey Sand |
| 8045 | 9210 | 1165 | Lime |
| 9210 | 9285 | 75 | Lime & Black Shale |
| 9285 | 9550 | 265 | Lime |
| 9550 | 9785 | 235 | Lime & Black Shale |
| 9785 | 9835 | 50 | Lime, Black Shale & Chert |
| 9835 | 10000 | 165 | Lime, traces of Black Shale, |
| 10000 | 10085 | 85 | Lime, Chert & Traces of Black Shale |
| | | 10085 | Total Depth |

Cored: 5374-5405; 5578-5590;
8860-8865; 9142-9160;

All depths measured from Rotary Table or 10' above ground.

DST#1--5316-5392--Open 109 min. Recovered 10' drilling mud.
DST#2--8510-8613--Open 30 min. Recovered 300' drilling mud.
DST#3--8834-8984--Open 95 min. Recovered 410' drilling mud & 2270' sulfur water.

After setting 7" casing, the zone from 5160' to 5667' was acidized in two stages with a total of 7000 gallons. After acidizing, well indicated only a slight show of oil and some water. No effective porosity below 9150'. Sulfur water encountered from 8845' to 8975'. We propose to salvage, plug and abandon this well.

### DEVIATION TESTS

| | |
|---|---|
| 558' - 0 | 3700' - 1 |
| 900' - 1/4 | 4140' - 3/4 |
| 1250' - 1/2 | 4700' - 1-1/4 |
| 1750' - 1 | 5450' - 1/4 |
| 2394' - 1/2 | 6150' - 2-1/4 |
| 2763' - 3/4 | 6310' - 1 |
| 3167' - 1 | 7340' - 1-3/4 |