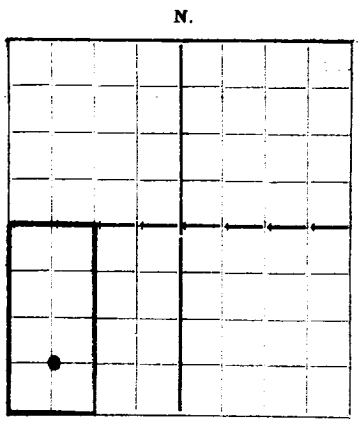
FORM C-105




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.

Tide Water Associated Oil Company, Drawer #1231 Midland, Texas
Company or Operator — Address

State "O" Lease — Well No. 1 SW/4 in SW/4 of Sec. 5, T. 17 S

R. 36 E, N. M. P. M., W. Lovington Field, Lea County.

Well is 660 feet north of the South line and 660 feet east of the West line of Section 5 Lease.

If State land the oil and gas lease is No. B-4119 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is Tide Water Associated Oil Co., Address Drawer #1231 Midland, Tex.

Drilling commenced 2-5 1945. Drilling was completed 3-30 1945

Name of drilling contractor Lee Drilling Co, Address Tulsa, Okla.

Elevation above sea level at top of casing 3901 feet. 3911' Derrick Floor.

The information given is to be kept confidential until Not confidential 19

### OIL SANDS OR ZONES

No. 1, from 4790 to 5150 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 None 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 |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8"OD | 48 | 8R | SS | 282'10 | TP | | | | |
| 8-5/8"OD | 32-36-43 | 8RaV | SS | 1993'1 | Guide | | | | |
| 5-1/2"OD | 15-50 | 8R | SS | 4744'5 | 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 |
|---|---|---|---|---|---|---|
| 15 | 13-3/8 | 298 | 200 | | | |
| 11 | 8-5/8 | 1998 | 300 | | | |
| 7-3/8 | 5-1/2 | 4929 | 400 | | | |

### 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 |
|---|---|---|---|---|---|---|
| | | None | | | | |

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 5150 feet, and from feet to feet

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

### PRODUCTION

Put to producing 3-30, 1945

The production of the first 24 hours was 107 barrels of fluid of which 99.8 % was oil; no %

emulsion; no % water; and .002 % sediment. Gravity, Be 34

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

Rock pressure, lbs. per sq. in. —

### EMPLOYEES

E. B. Shumacker, Driller — Monroe Smith, Driller

Fred Cox, Driller — C. H. Norman, 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.

State of Texas
County of Midland

Subscribed and sworn to before me this 3rd day of April, 1945

Dorothy L Dickey
Notary Public

Dorothy Drickey
My Commission expires 6-1-1945

Midland, Texas April 3, 1945
Date

Name L Lovington

Position District Foreman

Representing Tide Water Associated Oil Co.
Company or Operator

Address Box 1231 Midland, Texas

Orig. & 2cc OCC Santa Fe, N.M.-Jno. E. Miles Commisioner of Public Lands
cc Houston, Tulsa, Midland, Hobbs Santa Fe, New Mexico

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 250 | 250 | Shale |
| 250 | 315 | 65 | Red Rock |
| 315 | 1676 | 1361 | Red Bed |
| 1676 | 1865 | 189 | Shale and Red Bed |
| 1865 | 2070 | 205 | Red Bed & Anhydrite |
| 2070 | 2110 | 40 | Red Bed & Shale |
| 2110 | 2164 | 54 | Salt & Shale |
| 2164 | 2806 | 642 | Red Bed & Salt |
| 2806 | 3022 | 216 | Salt |
| 3022 | 3216 | 194 | Salt & Anhydrite |
| 3216 | 3300 | 84 | Anhydrite |
| 3300 | 3358 | 58 | " & Gyp |
| 3358 | 3579 | 221 | Anhydrite |
| 3579 | 3993 | 414 | " & Gyp |
| 3993 | 4053 | 60 | " & Gyp & Shale |
| 4053 | 4083 | 30 | Lime |
| 4083 | 4150 | 67 | Anhydrite & Gyp |
| 4150 | 4197 | 47 | Lime |
| 4197 | 4203 | 6 | Anhydrite |
| 4203 | 4248 | 45 | Lime |
| 4248 | 4405 | 157 | Anhydrite, Gyp & Lime |
| 44 05 | 4723 | 318 | Anhydrite, Lime, S.L.M. 4608'-4602' |
| 4723 | 4790 | 67 | Lime |
| 4790 | 5088 | 298 | Lime Hard Grey Broken Pay |
| 5088 | 5150 | 62 | " Medium Brown Broken Pay |
| | 5150 | | TOTAL DEPTH |