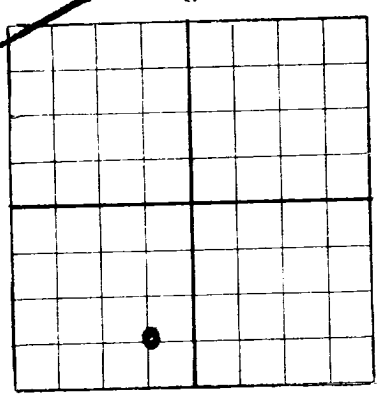
DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
JUN 19 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

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

The Atlantic Refining Company, Box 1031, Denver City, Texas
Company or Operator — Address

State "F" Well No. 1 in SE¼ of SW¼ Sec. 2, T. 18-S
Lease

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

Well is 4620 feet south of the North line and 3300 feet west of the East line of Section 2.

If State land the oil and gas lease is No. B-9774 Assignment No.

If patented land the owner is, Address

If Government land the permittee is, Address

The Lessee is The Atlantic Refining Company, Address Box 1031, Denver City, Texas

Drilling commenced January 15, 19 51. Drilling was completed June 2, 19 51.

Name of drilling contractor Ralph Lowe, Address Box 832, Midland, Texas

Elevation above sea level at top of casing 3790.27 feet.

The information given is to be kept confidential until September 2, 19 51.

### OIL SANDS OR ZONES

No. 1, from 11,690 to 12,730 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 No water 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" | 48# | 8R | Smith | 370.62 | Larkin | | | | |
| 9-5/8" | 36# & 40# | 8R | Nat'l | 4001.83 | Baker | | | | |
| 7" | 23# 26# | 8R | Nat'l | 12717.45 | Baker | | 12,422 | 12,472 | |
| | | | | | | | 12,522 | 12,572 | |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 17-1/2" | 13-3/8" | 394.37 | 350 | Pump | | |
| 12-1/4" | 9-5/8" | 4005.54 | 2000 | Pump | 11.6 | 80 sacks |
| 8-3/4" | 7" | 12729.38 | 950 | Pump | | 105 sacks |

### 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 |
|---|---|---|---|---|---|---|
| | | Acid | 1,000 gal | 6-4-51 | 12422-12472<br>12522-12572 | 12,665 |
| | | | | | | |
| | | | | | | |

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 12,730' feet, and from feet to feet

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

### PRODUCTION

Put to producing June 2, 19 51

The production of the first 24 hours was 254.5 in 6.2 hrs barrels of fluid of which 99.8 % was oil; % emulsion; .2 % water; and — % sediment. Gravity, Be 46.2

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

Rock pressure, lbs. per sq. in. —

### EMPLOYEES

G. T. Widner, Driller C. L. Ritchey, Driller

Carl Kostotter, 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 12th day of June, 19 51

Denver City, Texas (Place) June 12, 1951 (Date)

Name Norman McCan

My commission expires

# FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 17 | 17 | Surface |
| 17 | 71 | 54 | Caliche Lime & sand |
| 71 | 300 | 229 | Lime sand & redbed |
| 300 | 332 | 32 | Red rock & shells |
| 332 | 1427 | 1095 | Red Bed & shells |
| 1427 | 2098 | 671 | Red Rock & shells |
| 2098 | 2204 | 106 | Red Rock & Anhydrite |
| 2204 | 2580 | 376 | Anhydrite, Shells & Salt |
| 2580 | 2700 | 120 | Salt & Anhydrite |
| 2700 | 3402 | 702 | Anhydrite & Salt |
| 3402 | 3610 | 208 | Anhydrite |
| 3610 | 3715 | 105 | Anhydrite & Salt |
| 3715 | 4478 | 763 | Anhydrite |
| 4478 | 4560 | 82 | Anhydrite, Lime, Shells |
| 4560 | 4609 | 49 | Anhydrite |
| 4609 | 4610 | 1 | Anhydrite & Lime |
| 4610 | 5715 | 1105 | Lime |
| 5715 | 5815 | 102 | Lime & Sand |
| 5815 | 7952 | 2137 | Lime |
| 7952 | 8011 | 59 | Lime & Shale |
| 8011 | 8111 | 100 | Lime |
| 8111 | 8402 | 291 | Lime & Shale |
| 8402 | 8498 | 96 | Lime |
| 8498 | 8538 | 40 | Lime & Shale |
| 8538 | 8968 | 430 | Lime |
| 8968 | 8990 | 22 | Lime & Shale |
| 8990 | 9171 | 181 | Lime |
| 9171 | 9334 | 163 | Lime & Chert |
| 9334 | 9565 | 231 | Lime |
| 9565 | 9637 | 72 | Lime & Shale |
| 9637 | 9721 | 84 | Lime |
| 9721 | 9813 | 92 | Lime & Chert |
| 9813 | 9852 | 39 | Lime |
| 9852 | 10053 | 201 | Lime & Chert |
| 10053 | 10094 | 41 | Lime |
| 10094 | 10122 | 28 | Lime & Chert |
| 10122 | 10327 | 205 | Lime |
| 10327 | 10355 | 28 | Lime & Shale |
| 10355 | 10466 | 111 | Lime |
| 10466 | 10674 | 208 | Lime & Chert |
| 10674 | 10694 | 20 | Lime, Chert, Shale |
| 10694 | 10807 | 113 | Lime, Shale |
| 10807 | 10837 | 30 | Lime, Shale, Chert |
| 10837 | 10872 | 35 | Lime & Chert |
| 10872 | 10895 | 23 | Lime, Shale, Chert |
| 10895 | 11222 | 327 | Lime & Chert |
| 11222 | 11242 | 20 | Lime & Shale |
| 11242 | 11252 | 10 | Lime & Chert |
| 11252 | 11337 | 85 | Lime & Shale |
| 11337 | 11352 | 15 | Lime, Chert & Shale |
| 11352 | 11363 | 11 | Lime & Shale |
| 11363 | 11381 | 18 | Lime, Shale & Chert |
| 11381 | 11396 | 15 | Lime & Chert |
| 11396 | 11413 | 17 | Shaley lime & Chert |
| 11413 | 11416 | 3 | Lime, Shale & Chert |
| 11416 | 11435 | 19 | Shale, Lime & Chert |
| 11435 | 11493 | 58 | Lime & Chert |
| 11493 | 11711 | 218 | Lime & Shale |
| 11711 | 11745 | 34 | Lime, Shale & Chert |
| 11745 | 11763 | 17 | Lime |
| 11763 | 11833 | 66 | Lime & Chert |
| 11833 | 12730 | 897 | Lime |