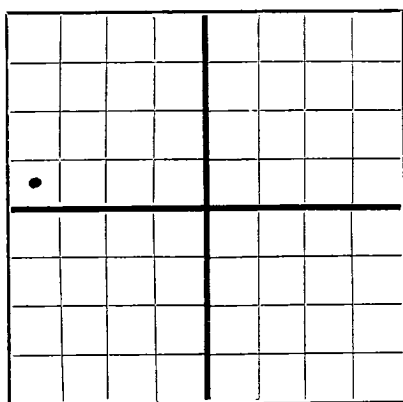


TRIPPLICATE

FORM C-105

N



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED  
OCT 18 1948  
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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**REPOLLO OIL COMPANY** Box 521, Tulsa, Okla. Box 1127, Hobbs, N.M.  
Company or Operator Address  
Lease Well No. 5 in SW 1/4 of Sec. 23, T. 22 S.  
R. 37 E., N. M. P. M. DRINKARD Field, Lea County.  
Well is 2160 feet south of the North line and 330 feet west of the East line of.  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is RUD, Ollie, Address: Dunico, N.M.  
If Government land the permittee is, Address.  
The Lessee is, Address.  
Drilling commenced July 23, 1948 Drilling was completed Oct. 9, 1948  
Name of drilling contractor: Meloy & Stafford, Address: Hobbs, N.M.  
Elevation above sea level at top of casing 3334 feet.  
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 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 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 |    | PURPOSE |
|--------|-----------------|------------------|----------|--------|--------------|-------------------|------------|----|---------|
|        |                 |                  |          |        |              |                   | FROM       | TO |         |
| 10 3/4 | 40.5            | 8 1/2            | HL 10235 | 301    |              |                   |            |    |         |
| 7 5/8  | 26.4            | 8 1/2            | J55 1235 | 2800   |              |                   |            |    |         |
| 5 1/2  | 17              | 8 1/2            | J55 1235 | 7573   | Markin       |                   |            |    |         |
|        |                 |                  |          |        |              |                   |            |    |         |
|        |                 |                  |          |        |              |                   |            |    |         |
|        |                 |                  |          |        |              |                   |            |    |         |
|        |                 |                  |          |        |              |                   |            |    |         |
|        |                 |                  |          |        |              |                   |            |    |         |
|        |                 |                  |          |        |              |                   |            |    |         |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
|              | 10 3/4         | 306       | 300                 | Pump         |             |                    |
|              | 7 5/8          | 2801      | 1500                | "            |             |                    |
|              | 5 1/2          | 7573      | 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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |

Results of shooting or chemical treatment: Another side

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 Surface feet to 7572 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing Nov. 1, 1948, 19.  
The production of the first 24 hours was 34 barrels of fluid of which 100% 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

Arthur Stine, Driller J. W. Cristman, Driller  
R. C. Box, 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 25th day of October, 1948.  
Notary Public

My Commission expires 2-4-50

Hobbs, New Mexico Oct. 25, 1948  
Name: J. W. Cristman  
Position: Dist. Supt.  
Representing: Repollo Oil Company, Operator  
Address: Box 1127 Hobbs, N.M.

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION        |
|------|------|----------------------|------------------|
| 0    | 54   | 54                   | Surface - 11-14  |
| 54   | 306  | 252                  | yellow shale     |
| 306  | 484  | 178                  | shale            |
| 484  | 1118 | 634                  | shale            |
| 1118 | 1229 | 111                  | argillite        |
| 1229 | 1258 | 29                   | shale            |
| 1258 | 2348 | 1090                 | shale            |
| 2348 | 2788 | 440                  | argillite        |
| 2788 | 3815 | 1027                 | shale            |
| 3815 | 3072 | 837                  | shale            |
| 3072 | 3212 | 140                  | shale            |
| 3212 | 3318 | 106                  | shale            |
| 3318 | 3575 | 257                  | shale            |
| 3575 | 7226 | 3651                 | shale            |
| 7226 | 7247 | 21                   | shale            |
| 7247 | 7293 | 46                   | shale            |
| 7293 | 7307 | 14                   | shale (sliprock) |
| 7307 | 7325 | 18                   | shale            |
| 7325 | 7337 | 12                   | shale            |
| 7337 | 7356 | 19                   | shale            |
| 7356 | 7470 | 114                  | shale            |
| 7470 | 7541 | 71                   | shale            |
| 7541 | 7546 | 5                    | granite ash      |
| 7546 | 7551 | 5                    | granite ash      |
| 7551 | 7563 | 12                   | shale            |
| 7563 | 7565 | 2                    | granite ash      |
| 7565 | 7566 | 1                    | shale            |
| 7566 | 7568 | 2                    | granite ash      |
| 7568 | 7572 | 4                    | granite ash      |

W.T. - 5103 to 5153 - Open 2 in. - Gas to surface in 1 in. - recovered 450' of oil - 2160' of salt water - (low pressure 100) - 15 in. to 150.

W.T. - 6348 to 6438 - Open 2 in. - Gas to surface in 1 in. - recovered 360' of clean oil - 90' of sand - flowing pressure 200 - closed 2 1/2 in. oil in 1 in. - 875,000 cu. ft. per - 15 in. W.T. 2400

W.T. - 7188 to 7247 - Open 2 in. - Gas to surface in 1 in. - recovered 0' of drilling mud - no oil or gas

W.T. - 7388 to 7438 - Open 1 in. - Air flow through test - recovered 40' of drilling mud - no oil - show of gas to drill pipe - no oil.

W.T. - 7438 to 7494 - Open 1 in. - Gas to surface in 1 in. - recovered 70' of drilling mud - 1 pint of oil - no water - 15 in. W.T. 2500

W.T. - 7494 to 7541 - Open 1 in. - Gas to surface in 1 in. - st. 25,000 cu. ft. per day - recovered 360' of oil - no gas - no water - 15 in. W.T. 2600

W.T. - 7538 to 7567 - Open 1 in. - Gas to surface in 1 in. - show of gas to drill pipe - recovered 70' of drilling mud - no oil or gas - 15 in. W.T. 2700

W.T. - 7538 to 7543 - 1/1000  
 W.T. - 7543 to 7548 - 1/5000  
 W.T. - 7548 to 7553 - 1/1000  
 W.T. - 7553 to 7558 - 1/3000  
 W.T. - 7558 to 7563 - 1/5000  
 W.T. - 7563 to 7568 - 1/10000  
 W.T. - 7568 to 7572 - 1/500  
 W.T. - 7572 to 7577 - 1/1000

W.T. - 7572 to 7577 - 1/1000 - production ov. 1, 1968