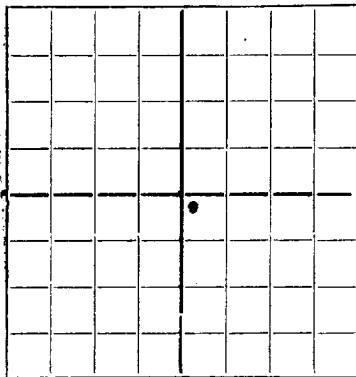
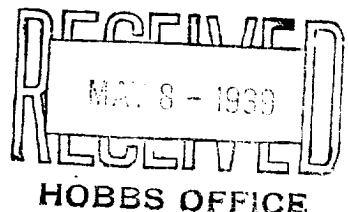


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

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

E. Paul Moran

Crawford Smith

1 Well No. NW 1/4 of SW 1/4 of Sec. 24, T. 24 S.

R. 26 E., N. M. P. M., Field, County.

Well is 2970 feet south of the North line and 2310 feet west of the East line of Section 24

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

If patented land the owner is A. J. Crawford, Address Carlsbad, N. M.

If Government land the permittee is, Address

The Lessee is E. Paul Moran, Address Carlsbad, N. M.

Drilling commenced Feb. 13, 1938 Drilling was completed May, 25, 1938

Name of drilling contractor E. Paul Moran, Address Box 409 Carlsbad, N. M.

Elevation above sea level at top of casing 3246 feet.

The information given is to be kept confidential until 19.

## OIL SANDS OR ZONES

No. 1, from 1933' to 1940' 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 45' to 55' feet. Within 5' of Ground Level

No. 2, from 1200 Gals. Water Per Minute 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 TO | PURPOSE                |
|------|-----------------|------------------|------|--------|--------------|-------------------|--------------------|------------------------|
| 10"  | 40#             | 8                |      | 155'   | Continental  |                   |                    | Shut off Surface Water |
|      |                 |                  |      |        |              |                   |                    |                        |
|      |                 |                  |      |        |              |                   |                    |                        |
|      |                 |                  |      |        |              |                   |                    |                        |
|      |                 |                  |      |        |              |                   |                    |                        |
|      |                 |                  |      |        |              |                   |                    |                        |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED    | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|----------------|-------------|--------------------|
| 12 1/2"      | 10"            | 165'      | 10                  | Small Mud pump |             |                    |
|              |                |           |                     |                |             |                    |
|              |                |           |                     |                |             |                    |
|              |                |           |                     |                |             |                    |

## 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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |

Well not treated or shot.

Results of shooting or chemical treatment

None

## 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 feet to feet, and from feet to feet.

Cable tools were used from 0 feet to 2002' feet, and from feet to feet.

## PRODUCTION

Put to producing Well produced Three barrels oil daily for Four days, then Practically exhausted

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

Coleman Kerr, Driller, Driller

E. Paul Moran, 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

day of, 19

Notary Public

My Commission expires

Place Date

Name E. Paul Moran.

Position

Representing

Company or Operator.

Address

# FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                                                                                                           |
|------|------|----------------------|---------------------------------------------------------------------------------------------------------------------|
| 0    | 20   | 20                   | Hard White Caliche                                                                                                  |
| 20   | 35   | 15                   | Dry Water Sand and Gravel                                                                                           |
| 35   | 46   | 11                   | Red Rock                                                                                                            |
| 46   | 55   | 9                    | Water Sand and Gravel Hole Full water.                                                                              |
| 55   | 70   | 15                   | Red Rock                                                                                                            |
| 70   | 120  | 50                   | Anhydrite.                                                                                                          |
| 120  | 1070 | 950                  | Anhydrite. Thin lime shells.                                                                                        |
| 1070 | 1280 | 210                  | Salt. 1070' Top of First Salt.                                                                                      |
| 1280 | 1385 | 105                  | Anhydrite. 1280' Base of First Salt.                                                                                |
| 1385 | 1630 | 245                  | Salt. 1385' Top of Second Salt.                                                                                     |
| 1630 | 1697 | 67                   | Brown Lime 1630' Base of Second Salt.                                                                               |
| 1697 | 1722 | 25                   | Anhydrite.                                                                                                          |
| 1722 | 1830 | 98                   | Anhydrite and Brown Lime.                                                                                           |
| 1830 | 1845 | 15                   | Anhydrite.                                                                                                          |
| 1845 | 1898 | 53                   | Black Lime. Top of Black Lime 1845'.                                                                                |
| 1898 | 1938 | 38                   | Soft Grey Lime                                                                                                      |
| 1938 | 1940 | 4                    | Soft Lime. Carried Three Barrels oil per<br>24 Hours for Four Twenty Four<br>days when exhausted.                   |
| 1940 | 1946 | 6                    | Grey Lime                                                                                                           |
| 1946 | 2002 | 56                   | Soft Sand. Carrying oil stains and little<br>water. Hole produced approx.<br>20 gallons water per hour at<br>2000'. |
|      |      |                      | Total Depth 2002'.                                                                                                  |