

[illegible]

# NEW MEXICO OIL CONSERVATION COMMISSION

**Santa Fe, New Mexico** **OFFICE OCC**

**New Mexico** HUBBS OFFICE OCC

195 MAY 14 AM 11:30  
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Warren Pet. Corp. - Oil Div.

**Federal-Mills**

(Company or Operator)

(Lease)

Well No. 2, in NW  $\frac{1}{4}$  of 11, of Sec. 11, T. 9 S, R. 36 E, NMPM.

**Allison - Penn**

Pool      Lea

County.

Well is 660 feet from North line and 660 feet from West line.

of Section 11 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced February 22, 1954 Drilling was Completed May 2, 1954

Name of Drilling Contractor.....**Milhean Drilling Company**.....

Address.....Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head.....**4058**..... The information given is to be kept confidential until  
....., 19.....

## OIL SANDS OR ZONES

No. 1, from 4850 to 4975 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 1983 to 1990 No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from 9686 to 9705 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<br>PER FOOT | NEW OR<br>USED | AMOUNT | KIND OF<br>SHOE | CUT AND<br>PULLED FROM | PERFORATIONS | PURPOSE      |
|----|------|--------------------|----------------|--------|-----------------|------------------------|--------------|--------------|
| 13 | 3/8  | 35.62              | new            | 374    | Armco           |                        |              | surface      |
| 9  | 5/8  | 32-36-40           | "              | 4222   | Baker           |                        |              | Intermediate |
| 7  |      | 26-29              | "              | 9690   | Halliburton     |                        |              | Oil string   |

## 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         | 374       | 400                 | Halliburton |             |                    |
| 12 1/2       | 9 5/8          | 4222      | 2000                | "           |             |                    |
| 8 3/4        | 7              | 9690      | 1200                | "           |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

~~Treated well with 1000 gallons acid from 9690 - 9711 by Halliburton.~~

Result of Production Stimulation..... well flowed at rate of 30 bbls net oil per hour plus 15% water on a 1/2" choke.

## ..Depth Cleaned Out.

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 9717 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 3 1954  
OIL WELL: The production during the first 24 hours was 720 barrels of liquid of which 100 % was oil; Plus 15 % was emulsion; % water; and % was sediment. A.P.I. Gravity 44  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

|                    |                |                       |
|--------------------|----------------|-----------------------|
| T. Anhy 2196       | T. Devonian    | T. Ojo Alamo          |
| T. Salt 2742       | T. Silurian    | T. Kirtland-Fruitland |
| B. Salt 2823       | T. Montoya     | T. Farmington         |
| T. Yates           | T. Simpson     | T. Pictured Cliffs    |
| T. 7 Rivers        | T. McKee       | T. Menefee            |
| T. Queen           | T. Ellenburger | T. Point Lookout      |
| T. Grayburg        | T. Gr. Wash    | T. Mancos             |
| T. San Andres 4100 | T. Granite     | T. Dakota             |
| T. Glorieta 5528   | T.             | T. Morrison           |
| T. Drinkard        | T.             | T. Penn.              |
| T. Tubbs 6982      | T.             | T.                    |
| T. Abo 7729        | T.             | T.                    |
| Bough 9686         | T.             | T.                    |
| T. Miss            | T.             | T.                    |

FORMATION RECORD

| From | To   | Thickness in Feet | Formation                       | From | To | Thickness in Feet | Formation |
|------|------|-------------------|---------------------------------|------|----|-------------------|-----------|
| 0    | 40   | 40                | surface sand and caliche        |      |    |                   |           |
| 40   | 218  | 178               | rock & shale                    |      |    |                   |           |
| 218  | 375  | 157               | red bed                         |      |    |                   |           |
| 375  | 2011 | 1636              | red bed, shale, shells          |      |    |                   |           |
| 2011 | 2273 | 262               | anhydrite                       |      |    |                   |           |
| 2273 | 4105 | 1832              | Anhy. & salt with shale streaks |      |    |                   |           |
| 4105 | 4850 | 745               | Lime                            |      |    |                   |           |
| 4850 | 4900 | 50                | Lime - Core #1                  |      |    |                   |           |
| 4900 | 4950 | 50                | " " #2                          |      |    |                   |           |
| 4950 | 4968 | 18                | " " #3                          |      |    |                   |           |
| 4968 | 4975 | 7                 | " " #4                          |      |    |                   |           |
| 4975 | 7664 | 2689              | lime                            |      |    |                   |           |
| 7664 | 7692 | 28                | lime & shale                    |      |    |                   |           |
| 7692 | 7763 | 71                | lime                            |      |    |                   |           |
| 7763 | 8675 | 912               | lime & shale                    |      |    |                   |           |
| 8675 | 8949 | 274               | lime                            |      |    |                   |           |
| 8949 | 8999 | 50                | Lime - Core #5                  |      |    |                   |           |
| 8999 | 9016 | 17                | Lime - Core #6                  |      |    |                   |           |
| 9016 | 9684 | 668               | lime                            |      |    |                   |           |
| 9684 | 9717 | 33                | lime                            |      |    |                   |           |
|      | 9717 |                   | T.D. D.F. Well Log              |      |    |                   |           |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

May 10, 1954

Company or Operator Warren Pet. Corp. Oil Div.

Address Drawer H, Seminole, Texas

Name B. H. Wolfe

Position or Title Division Manager