

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

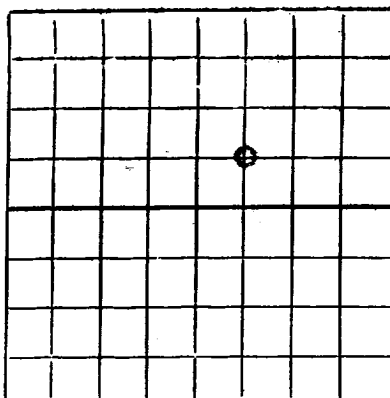
DISTRICT OFFICE 00C

1965 JAN 20 AM 10:48

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.

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Long
section

Well No. 32-3, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 3, T. 16, R. 35, NMPM.
(Company of Operator) M. A. Machrie State Lea (Lease)

Townsend-wolfcamp Pool, Lea County.

Well is 1980 feet from N line and 1980 feet from E line of Section 3. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced 11-14-64, 19____ Drilling was Completed 1-2, 1965

Name of Drilling Contractor Brantly Drilling Company, Inc.

Address Capital Building, Midland, Texas

Elevation above sea level at Top of Tubing Head 4008. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 10450 to 10490 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 | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---------------|-----------------|-------------|--------------|------------------|---------------------|------------------|--------------------|
| <u>13 3/8</u> | <u>48</u> | <u>New</u> | <u>350</u> | <u>Texas Pat</u> | <u>--</u> | <u>-----</u> | <u>Surface</u> |
| <u>8 5/8</u> | <u>32</u> | <u>New</u> | <u>4630</u> | <u>Floet</u> | <u>--</u> | <u>-----</u> | <u>Salt string</u> |
| <u>5 1/2</u> | <u>17-20</u> | <u>New</u> | <u>10531</u> | <u>Floet</u> | <u>--</u> | <u>10430-490</u> | <u>Oil</u> |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|--------------|---------------------|--------------|-------------|--------------------|
| <u>17 1/2</u> | <u>13 3/8</u> | <u>350</u> | <u>300</u> | <u>HOWCO</u> | <u>9.2</u> | <u>-----</u> |
| <u>11</u> | <u>8 5/8</u> | <u>4630</u> | <u>1500</u> | <u>HOWCO</u> | <u>9.2</u> | <u>-----</u> |
| <u>7 7/8</u> | <u>5 1/2</u> | <u>17-20</u> | <u>200</u> | <u>HOWCO</u> | <u>10.1</u> | <u>-----</u> |

RECORD OF PRODUCTION AND STIMULATION

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

Washed perfs 10430 - 490 with 500 gal Mud Acid

Treated perfs with 1000 gal regular acid -- 300 gal Form Gel -- 2500 reg. acid

Result of Production Stimulation Flowed after Mud Acid. 336 BOPD 20/64 TP 475

GOR 1240/1 Gravity 41.1° API

Depth Cleaned Out 10496

RECORD OF DRILL-STEM AND SPECIAL TEST

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 10539 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 1-22, 1955

OIL WELL: The production during the first 24 hours was 336 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 41.1°

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. | 1803 | | T. Devonian | | T. Ojo Alamo |
| T. Salt | 1847 | | T. Silurian | | T. Kirtland-Fruitland |
| B. Salt | | | T. Montoya | | T. Farmington |
| T. Yates | 2984 | | T. Simpson | | T. Pictured Cliffs |
| T. 7 Rivers | | | T. McKee | | T. Menefee |
| T. Queen | | | T. Ellenburger | | T. Point Lookout |
| T. Grayburg | 4347 | | T. Gr. Wash | | T. Mancos |
| T. San Andres | 4560 | | T. Granite | | T. Dakota |
| T. Glorieta | 6181 | | T. | | T. Morrison |
| T. Drinkard | 7337 | | T. | | T. Penn. |
| T. Tubbs | | | T. | | T. |
| T. Abo | 8076 | | T. | | T. |
| T. Penn. | 10,511 | | T. | | T. |
| T. Miss. | | | T. | | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|-------|----------------------|------------------------------------|------|----|----------------------|-----------|
| ○ | 1803 | 1803 | Surface sands & red beds | | | | |
| 1803 | 2984 | 1181 | Anhydrite, salt and red beds | | | | |
| 2984 | 4347 | 1363 | Sand, salt, anhydrite and red beds | | | | |
| 4347 | 4560 | 213 | Anhydrite and dolomite | | | | |
| 4560 | 9603 | 5043 | Dolomite | | | | |
| 9603 | 10539 | 936 | Limestone, shale and chert | | | | |

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.

1-24-55 (Date)
Company or Operator M. A. Machria Address 811 Midland Tower, Midland, Texas
Name R. J. Paxton Position or Title Geologist