

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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 QUINTUPPLICATE.

..... M. A. Machris State
(Company or Operator) (Lease)

Well No. 32-10, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 10, T. 16-S, R. 35-E, NMPM.
Townsend-Wolfcamp Pool, Lea County.

Well is 1650' feet from North line and 2327 feet from East line
of Section 10. If State Land the Oil and Gas Lease No. is B 2341.

Drilling Commenced January 8, 19 54. Drilling was Completed March 9, 19 54.

Name of Drilling Contractor Brantly Drilling Company, Inc.

Address 309 Capitol Building, Midland, Texas

Elevation above sea level at Top of Tubing Head 4007. The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 10,475 to 10,512 No. 4, from to

No. 2, from 10,530 to 10,615 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 None 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 |
|--------|-----------------|-------------|--------|--------------|-------------------------|--------------|------------|
| 13 3/8 | 48 | N | 371 | Guide | - | - | surface |
| 9 5/8 | 36 and 40 | N | 4698 | Float | - | - | salt |
| 5 1/2 | 17 and 20 | N | 10,659 | Float | 10,475-512 & 10,530-615 | | production |

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 | 369 | 300 | HOWCO | 8.6 #/gal | Unknown |
| 12 1/2 | 9 5/8 | 4695 | 1500 | HOWCO | 8.6 #/gal | Unknown |
| 8 3/4 | 5 1/2 | 10,659 | 250 | B-J | 9.6 #/gal | Unknown |

RECORD OF PRODUCTION AND STIMULATION

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

(1) Washed perfs w/ 500 gal mud acid

(2) Treated perfs w/ 1500 gal 15% HCl followed by 600 gal gel acid, followed by 1500 gal 15% HCl

Result of Production Stimulation (1) Flowed 66 BOPH on 1" choke

(2) Flowed 406 BO in 8 hours, 32/64" choke, GOR 1270/1

..... Depth Cleaned Out 10,645

RD 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 10,659 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 14, 1954
OIL WELL: The production during the first 24 hours was 1218 (calc.) barrels of liquid of which 100 % was oil; 0.1 % was emulsion; trace % water; and trace % was sediment. A.P.I. Gravity 40.2°
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 | T. Devonian | T. Ojo Alamo | |
| T. Salt | T. Silurian | T. Kirtland-Fruitland | |
| B. Salt | T. Montoya | T. Farmington | |
| T. Yates 3074 | T. Simpson | T. Pictured Cliffs | |
| T. 7 Rivers | T. McKee | T. Menefee | |
| T. Queen | T. Ellenburger | T. Point Lookout | |
| T. Grayburg 4427 | T. Gr. Wash | T. Mancos | |
| T. San Andres 4648 | T. Granite | T. Dakota | |
| T. Glorieta 6247 | T. | T. Morrison | |
| T. Drinkard 7400 | T. | T. Penn | |
| T. Tubbs 8140 | T. | T. | |
| T. Abo 10,615 | T. | T. | |
| T. Penn | T. | T. | |
| T. Miss | T. | T. | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|--------|--------|-------------------|-------------|------|----|-------------------|-----------|
| 0 | 240 | 240 | caliche | | | | |
| 240 | 2760 | 2520 | redbeds | | | | |
| 2760 | 4290 | 1530 | salt, anhy | | | | |
| 4290 | 4620 | 330 | anhy, lime | | | | |
| 4620 | 4920 | 300 | lime, dolo. | | | | |
| 4920 | 7915 | 2995 | lime | | | | |
| 7915 | 9570 | 1655 | lime, shale | | | | |
| 9570 | 10,615 | 1045 | lime | | | | |
| 10,615 | 10,659 | 44 | lime, 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.

March 15, 1954
M. A. MACHRIS
Company or Operator
Name A. T. Sindel, Jr.
Address 301 Leggett Building, Midland, Texas
Position or Title Petroleum Engineer