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NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

Orig: & Acc: OCC  
cc: VDA  
JTR  
BGC  
HAM  
F

**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

**Sinclair Oil & Gas Company**

(Company or Operator)

**T. D. Pope**

(Lease)

Well No. **5**, in **SW**  $\frac{1}{4}$  of **NW**  $\frac{1}{4}$ , of Sec. **36**, T. **14 S**, R. **37 E**, NMPM.

**Denton**

Pool,

**Lea**

County.

Well is **1980** feet from **North** line and **330** feet from **West** line

of Section **36**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **9-3**, 19 **53**. Drilling was Completed **12-21**, 19 **53**

Name of Drilling Contractor **Warren Bradshaw Exploration Co.**

Address **Tulsa, Okla.**

Elevation above sea level at Top of Tubing Head **3803**. The information given is to be kept confidential until  
19

#### OIL SANDS OR ZONES

No. 1, from **12542** to **12639** 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 **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           | 309    | Larkin       |                     |              |         |
| 9 5/8  | 36              | N           | 4772   | "            |                     |              |         |
| 7      | 29              | N           | 12642  | "            |                     |              |         |
| 2 1/2  | 6.5             | N           | 12634  |              |                     |              |         |

#### 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 1/4       | 13 3/8         | 311       | 350                 | BJ          |             |                    |
| 12 3/4       | 9 5/8          | 4774      | 2454                | BJ          |             |                    |
| 8 3/4        | 7              | 12642     | 700                 | BJ          |             |                    |
|              | 2 1/2          | 12634     |                     |             |             |                    |

#### RECORD OF PRODUCTION AND STIMULATION

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

Treated W/1,000 Gal. of Mud acid

Treated W/3,000 Gal. of 15% regular acid

Result of Production Stimulation **Potential test of 1505 BOD**

Depth Cleaned Out **12640**

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES  
D 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 12643 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing JANUARY 3, 19 54

OIL WELL: The production during the first 24 hours was 1505 barrels of liquid of which 100 % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity 44.2

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                 | <u>2122</u> | T. Devonian    | <u>12105</u>            | T. Ojo Alamo          |  |
| T. Salt                 | <u>2210</u> | T. Silurian    |                         | T. Kirtland-Fruitland |  |
| B. Salt                 |             | T. Montoya     |                         | T. Farmington         |  |
| T. Yates                | <u>3122</u> | T. Simpson     |                         | T. Pictured Cliffs    |  |
| T. 7 Rivers             | <u>3277</u> | T. McKee       |                         | T. Menefee            |  |
| T. Queen                | <u>4115</u> | T. Ellenburger |                         | T. Point Lookout      |  |
| T. Grayburg             | <u>4245</u> | T. Gr. Wash    |                         | T. Mancos             |  |
| T. San Andres           | <u>4670</u> | T. Granite     |                         | T. Dakota             |  |
| T. Glorieta             | <u>6161</u> | T.             |                         | T. Morrison           |  |
| T. Drinkard             |             | T.             |                         | T. Penn               |  |
| T. Tubbs                | <u>7300</u> | T.             |                         | T.                    |  |
| T. Abo                  | <u>7999</u> | T.             |                         | T.                    |  |
| T. Penn <u>Welfcamp</u> | <u>9130</u> | T.             |                         | T.                    |  |
| T. Miss                 |             | T.             |                         | T.                    |  |

FORMATION RECORD

| From  | To    | Thickness<br>in Feet | Formation        | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|------------------|------|----|----------------------|-----------|
| 0     | 1310  | 1310                 | Redbed & redrock |      |    |                      |           |
| 1310  | 2155  | 845                  | Redbed & Shells  |      |    |                      |           |
| 2155  | 2295  | 140                  | Anhydrite        |      |    |                      |           |
| 2295  | 3254  | 959                  | Redbed & Salt    |      |    |                      |           |
| 3254  | 3762  | 508                  | Anhydrite        |      |    |                      |           |
| 3762  | 4727  | 965                  | Anhydrite & Gyp  |      |    |                      |           |
| 4727  | 5795  | 1068                 | Lime             |      |    |                      |           |
| 5795  | 6472  | 677                  | Sandy lime       |      |    |                      |           |
| 6472  | 8870  | 2398                 | Lime             |      |    |                      |           |
| 8870  | 9022  | 152                  | Lime & Gyp       |      |    |                      |           |
| 9022  | 9855  | 833                  | Lime             |      |    |                      |           |
| 9855  | 10551 | 696                  | Lime & Shale     |      |    |                      |           |
| 10551 | 10892 | 341                  | Lime             |      |    |                      |           |
| 10892 | 10987 | 95                   | Lime & Shale     |      |    |                      |           |
| 10987 | 11308 | 321                  | Lime             |      |    |                      |           |
| 11308 | 11619 | 311                  | Lime & Chert     |      |    |                      |           |
| 11619 | 11941 | 322                  | Lime             |      |    |                      |           |
| 11941 | 12359 | 418                  | Lime & Shale     |      |    |                      |           |
| 12359 | 12643 | 284                  | Lime             |      |    |                      |           |
|       | 12640 | PSTD                 |                  |      |    |                      |           |

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.

Company or Operator Sinclair Oil & Gas Company Address Box 1927 Hobbs, New Mexico  
Name [Signature] Position or Title Dist. Supt.  
Date March 9, 1954