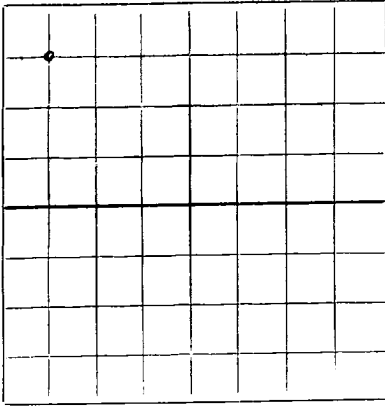


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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 QUINTUPLICATE.

Sinclair Oil &amp; Gas Company

(Company or Operator)

C. E. Renshaw

(Lease)

Well No. **1**, in **NW**  $\frac{1}{4}$  of **NW**  $\frac{1}{4}$  of Sec. **2**, T. **14 S**, R. **36 E**, NMPM.**Wilceat**

Pool,

**Lea**

County.

Well is **660** feet from **North** line and **660** feet from **West** lineof Section **2**. If State Land the Oil and Gas Lease No. is.Drilling Commenced **7-23-52**, 19. Drilling was Completed **12-30-52**, 19.Name of Drilling Contractor **Helmerich & Payne Drilling Company**Address **Tulsa, Oklahoma**Elevation above sea level at Top of Tubing Head **3933**. The information given is to be kept confidential until  
19.

## OIL SANDS OR ZONES

No. 1, from. to. 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 |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------------------------------------------------------------|---------|
| 13 3/8 | 39              | N           | 322    | Larkin       |                     |                                                                    |         |
| 9 5/8  | 36              | N           | 4614   | do           |                     |                                                                    |         |
| 5 1/2  | 17 & 20         | N           | 11115  | do           | 5616                | 10962 to 10990<br>10940 to 10958<br>10940 to 10954<br>9830 to 9845 |         |

## 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         | 339       | 300                 | Halliburton |             |                    |
| 12 1/4       | 9 5/8          | 4614      | 1500                | do          |             |                    |
| 8 3/4        | 5 1/2          | 11116     | 450                 | do          |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

10962 to 10990 acidized w/1,000 Gal. 1-10-53 and 1,000 Gal. 1-16-53

10940 to 10958 spotted 1,000 gallons on formation - pressured to 5,000# - failed to take acid

10940 to 10954 acidized w/1,000 gallons 1-17-53

9830 to 9845 acidized w/1,000 Gal. 1-25-53

Result of Production Stimulation 10940 to 10954 after acid job swabbed 17 hours and recovered

2 barrels of oil and 74 barrels of water.

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 Surface feet to 13047 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing Plugged & abandoned 1-31-53

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

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>4173</u>  | T. Devonian             | T. Ojo Alamo          |
| T. Salt                 | <u>2280</u>  | T. Silurian             | T. Kirtland-Fruitland |
| B. Salt                 | <u>3005</u>  | T. Montoya              | T. Farmington         |
| T. Yates                | <u>3120</u>  | T. Simpson              | T. Pictured Cliffs    |
| T. 7 Rivers             | <u>3250</u>  | T. McKee                | T. Menefee            |
| T. Queen                |              | T. Ellenburger          | T. Point Lookout      |
| T. Grayburg             |              | T. Gr. Wash             | T. Mancos             |
| T. San Andres           | <u>4570</u>  | T. Granite              | T. Dakota             |
| T. Glorieta             | <u>6156</u>  | T.                      | T. Morrison           |
| T. Drinkard             |              | T.                      | T. Penn.              |
| T. Tubbs                | <u>7510</u>  | T.                      | T.                    |
| T. Abo                  | <u>8215</u>  | T.                      | T.                    |
| T. Penn                 | <u>10670</u> | T.                      | T.                    |
| T. Miss                 |              | T.                      | T.                    |

## FORMATION RECORD

| From | To   | Thickness<br>in Feet | Formation                 | From  | To    | Thickness<br>in Feet | Formation              |
|------|------|----------------------|---------------------------|-------|-------|----------------------|------------------------|
| 0    | 74   | 74                   | Caliche                   | 7641  | 7738  | 97                   | Lime & sand            |
| 74   | 341  | 267                  | Caliche & Redbed          | 7738  | 7790  | 52                   | Dolomite               |
| 341  | 1934 | 1593                 | Redbed & Shale            | 7790  | 7992  | 202                  | Dolomite & sand        |
| 1934 | 2065 | 131                  | Shale & shells            | 7992  | 9870  | 1978                 | Dolomite, lime & shale |
| 2065 | 2202 | 137                  | Redbed, shale & shells    | 9870  | 9895  | 15                   | Dolomite, lime & chert |
| 2202 | 2360 | 158                  | Shells & shale            | 9895  | 10275 | 380                  | Lime & chert           |
| 2360 | 3195 | 835                  | Salt & shale              | 10275 | 10737 | 462                  | Lime, shale & chert    |
| 3195 | 4173 | 978                  | Anhydrite & shale         | 10737 | 10893 | 156                  | Dolomite & lime        |
| 4173 | 4258 | 85                   | Anhydrite, lime & shale   | 10893 | 10898 | 5                    | Dolomite & chert       |
| 4258 | 4303 | 45                   | Anhydrite & shale         | 10898 | 11099 | 201                  | Lime, shale & chert    |
| 4303 | 4601 | 298                  | Anhydrite, lime & shale   | 11099 | 11118 | 19                   | Broken lime & shale    |
| 4601 | 4615 | 14                   | Dolomite & lime           | 11118 | 11538 | 420                  | Dolomite & lime        |
| 4615 | 4631 | 16                   | Lime & shale              | 11538 | 11601 | 63                   | Lime & shale           |
| 4631 | 6074 | 1443                 | Dolomite & lime           | 11601 | 11640 | 39                   | Lime, shale & chert    |
| 6074 | 6139 | 65                   | Dolomite, & chert Streaks | 11640 | 11708 | 68                   | Lime & shale           |
| 6139 | 6172 | 33                   | Dolomite & lime           | 11708 | 12088 | 380                  | Lime, shale & chert    |
| 6172 | 6261 | 89                   | Sandy lime & Dolomite     | 12088 | 12110 | 22                   | Lime, shale & sand     |
| 6261 | 6759 | 498                  | Dolomite & lime           | 12110 | 12111 | 1                    | Lime & shale           |
| 6759 | 6862 | 103                  | Dolomite & sand           | 12111 | 12565 | 454                  | Lime, shale & sand     |
| 6862 | 7237 | 375                  | Dolomite & lime           | 12565 | 12592 | 27                   | Sand                   |
| 7237 | 7249 | 12                   | Dolomite, lime & chert    | 12592 | 13047 | 455                  | Lime, shale & sand     |
| 7249 | 7252 | 3                    | Dolomite & lime           |       |       |                      |                        |
| 7252 | 7299 | 47                   | Dolomite & chert streaks  |       |       |                      |                        |
| 7299 | 7602 | 303                  | Dolomite & lime           |       |       |                      |                        |
| 7602 | 7641 | 39                   | Dolomite, lime & sand     |       |       |                      |                        |

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.

February

Company or Operator Sinclair Oil & Gas Company

Address Box 1927 Hobbs, New Mexico

Name Geater

Position or Title Dist. Supt.