

**Santa Fe, New Mexico**

**WELL RECORD**

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Sinclair Oil & Gas Company**  
(Company or Operator)

**F. J. Danglede Lantz**  
(Lantz)

Well No. **1**, in **SW**  $\frac{1}{4}$  of **SE**  $\frac{1}{4}$ , of Sec. **15**, T. **16S**, R. **35E**, NMPM.

**Underlined**

Prati



County.

Well is 1960 feet from South line and 1980' feet from East line.

of Section 15 If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced 6/23/ 1956 Drilling was Completed 11/10/ 1956

Name of Drilling Contractor A. W. Thompson

Address **Houston, Texas**

Elevation above sea level at Top of Tubing Head..... **287'**..... The information given is to be kept confidential until

19

### Oil Sands or Zones

No. 1, from 12,124 to 12930 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

## IMPORTANT WATER HANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1. from ..... to ..... per cent. ....

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" | 35.6            | N           | 325     |              |                     |               | Surface      |
| 9-5/8"  | 36.4            | N           | 1708    |              |                     |               | Intermediate |
| 7"      | 26, 29, 32, 35  | N           | 12, 978 |              |                     | 12638 - 12668 | Production   |
| 8-1/8"  | 4.7             | N           | 12, 674 |              |                     |               | Tubing       |

### 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         | 385       | 350                 | Halliburton |             |                    |
| 12-1/4"      | 9-5/8          | 4,710     | 2000                | Halliburton |             |                    |
| 8-3/4"       | 7"             | 12,978    | 500                 | Halliburton |             |                    |
|              | 2-1/4"         | 12,674    | -                   | -           |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

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

11-19-56: Acidized w/500 Gal. Mud Acid. Max. pressure 5000#, Min. Pressure 4000#  
Injection Rate 1/2 Gal. per minute

11-21-56: Acidized w/2000 gallons 20% Regular acid. Max. pressure 4400#, Min. Pressure 2600#. Injection Rate 2.2 Bbl.s Minute.

Result of Production Stimulation. Well flowed 2 1/2 Mbls. new oil in 12 hours @ 2r calculated potential 184 Mbls. in 24 hours.

Orig & 2cc: OGC  
cc: FHR, HFD, FILE

## Depth Cleaned Out.

# JOED OF DRILL-STEM AND SPECIAL TES

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 12,978 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 11/21, 1956  
OIL WELL: The production during the first 24 hours was 484 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 60.4  
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                 | 1885  |  | T. Devonian             | 12,424 |  |
| T. Salt                 | 1989  |  | T. Silurian             |        |  |
| B. Salt                 |       |  | T. Montoya              |        |  |
| T. Yates                | 3050  |  | T. Simpson              |        |  |
| T. 7 Rivers             |       |  | T. McKee                |        |  |
| T. Queen                | 3889  |  | T. Ellenburger          |        |  |
| T. Grayburg             |       |  | T. Gr. Wash             |        |  |
| T. San Andres           | 4628  |  | T. Granite              |        |  |
| T. Glorieta             | 6155  |  | T.                      |        |  |
| T. Drinkard             | 7505  |  | T.                      |        |  |
| T. Tubbs                | 7324  |  | T.                      |        |  |
| T. Abo                  | 8652  |  | T.                      |        |  |
| T. Penn                 | 10256 |  | T.                      |        |  |
| T. Miss                 | 11460 |  | T.                      |        |  |

## FORMATION RECORD

| From  | To    | Thickness in Feet | Formation              | From  | To    | Thickness in Feet | Formation      |
|-------|-------|-------------------|------------------------|-------|-------|-------------------|----------------|
| 0     | 380   | 380               | Caliche & Red Beds     | 11553 | 12122 | 569               | Line and chert |
| 380   | 1898  | 1518              | Anhydrite & Red Beds   | 12122 | 12875 | 753               | Line and shale |
| 1898  | 1998  | 93                | Anhydrite              | 12875 | 12798 | 103               | Line           |
| 1991  | 3027  | 1056              | Salt and anhydrite     |       |       |                   |                |
| 3047  | 4229  | 1182              | Anhydrite              |       |       |                   |                |
| 3047  | 4229  | 1182              | Anhydrite              |       |       |                   |                |
| 4229  | 4717  | 488               | Line and anhydrite     |       |       |                   |                |
| 4717  | 7504  | 2787              | Line                   |       |       |                   |                |
| 7504  | 7554  | 50                | Line and sand          |       |       |                   |                |
| 7554  | 8028  | 474               | Line                   |       |       |                   |                |
| 8028  | 8453  | 425               | Line, sand, and shale  |       |       |                   |                |
| 8453  | 9060  | 607               | Line                   |       |       |                   |                |
| 9060  | 9311  | 251               | Line and shale         |       |       |                   |                |
| 9311  | 9841  | 530               | Line                   |       |       |                   |                |
| 9841  | 10006 | 165               | Line and chert         |       |       |                   |                |
| 10006 | 10383 | 377               | Line and shale         |       |       |                   |                |
| 10383 | 10456 | 73                | Line and chert         |       |       |                   |                |
| 10456 | 10531 | 75                | Line, shale, and chert |       |       |                   |                |
| 10531 | 10578 | 47                | Line and sand          |       |       |                   |                |
| 10578 | 11060 | 482               | Line and shale         |       |       |                   |                |
| 11060 | 11288 | 228               | Line shale and sand    |       |       |                   |                |
| 11288 | 11384 | 96                | Line and chert         |       |       |                   |                |
| 11384 | 11553 | 169               | Line and shale         |       |       |                   |                |

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  
Name C. G. Confer

Address 520 E. Broadway-Hobbs, N.M.  
Position or Title District Engineer  
Date 11/22/56