

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. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

SINCLAIR OIL & GAS COMPANY  
(Company or Operator)

SANTA FE 54 COTTONWOOD  
(Lease)

Well No. 1, in NW  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 11, T. 21N, R. 9W, NMPM.  
Wildcat Pool, San Juan County.

Well is 1900 feet from South line and 1900 feet from East line of Section 11. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced January 9, 1957. Drilling was Completed January 25, 1957.

Name of Drilling Contractor Empire States Drilling Co.

Address Sims Building, Albuquerque, New Mexico

Elevation above sea level at Surface 6467 Ft. The information given is to be kept confidential until April 25, 1957.

OIL SANDS OR ZONES

No. 1, from NONE 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 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 |
|----------------|-----------------|-------------|------------|--------------|---------------------|--------------|---------|
| <u>10-3/4"</u> | <u>32.75#</u>   | <u>N</u>    | <u>33'</u> | <u>None</u>  |                     |              |         |
|                |                 |             |            |              |                     |              |         |
|                |                 |             |            |              |                     |              |         |

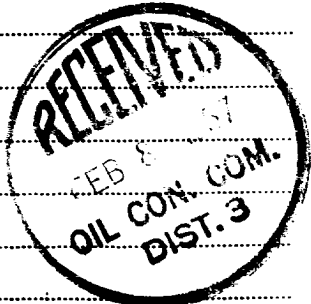
MUDDING AND CEMENTING RECORD

| SIZE OF HOLE   | SIZE OF CASING | WHERE SET  | NO. SACKS OF CEMENT | METHOD USED  | MUD GRAVITY | AMOUNT OF MUD USED |
|----------------|----------------|------------|---------------------|--------------|-------------|--------------------|
| <u>12-1/4"</u> | <u>10-3/4"</u> | <u>24'</u> | <u>24</u>           | <u>House</u> |             |                    |
|                |                |            |                     |              |             |                    |
|                |                |            |                     |              |             |                    |

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation \_\_\_\_\_  
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 0 feet to 4125 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Dry Hole, 19  
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.                | T. Devonian    | T. Ojo Alamo            |      |
| T. Salt.                | T. Silurian    | T. Kirtland-Fruitland   |      |
| B. Salt.                | T. Montoya     | T. Farmington           |      |
| T. Yates.               | T. Simpson     | T. Pictured Cliffs      |      |
| T. 7 Rivers.            | T. McKee       | T. Menefee              |      |
| T. Queen                | T. Ellenburger | T. Point Lookout        |      |
| T. Grayburg             | T. Gr. Wash.   | T. Mancos               |      |
| T. San Andres           | T. Granite     | T. Dakota               |      |
| T. Glorieta             | T.             | T. Morrison             |      |
| T. Drinkard             | T.             | T. Penn                 |      |
| T. Tubbs                | T.             | T. Hootah               | 2440 |
| T. Abo                  | T.             | T. Hootah-Gallup        | 3328 |
| T. Penn                 | T.             | T. Gallup               | 3510 |
| T. Miss                 | T.             | T. Sanaskee             | 4005 |

FORMATION RECORD

| From  | To   | Thickness<br>in Feet | Formation               | From   | To | Thickness<br>in Feet | Formation |
|---|------|----------------------|-------------------------|--|----|----------------------|-----------|
| 0   | 370  | 370                  | Sand                    | DRILL STEM TEST #1<br>3575-3615', 5/8" choke, open 40 minutes. Very<br>weak blow declining to dead in 35 minutes.<br>Recovered 18' very slight oil cut mud. FP<br>0-130#, 40 minutes SIP 135%.   |    |                      |           |
| 370   | 2800 | 2430                 | Sand, shale & limestone |  |    |                      |           |
| 2800  | 4125 | 1325                 | Sand & shale            |  |    |                      |           |
| OIL CONSERVATION COMMISSION<br>AZTEC DISTRICT OFFICE<br>No. Copies Received 4<br>DISTRICT<br>Operator<br>Santa Fe<br>Production Office<br>State Land Office<br>U. S. G. S.<br>Transporter<br>File |      |                      |                         | CORING RECORD<br>3585-3615 ft., Recovered 60' - 16' sandstone,<br>trucky, shale laminations, very fine grained,<br>some carbonaceous inclusions, very slightly oil<br>stained & odor, increasing in show at bottom;<br>1/2' shale, dark gray, slightly sandy; 4-1/2'<br>sandstone, carbonaceous thin shale laminations,<br>friable, fine to medium grained; 7' sandstone,<br>fine grained, gray, hard; 1/2' sandstone, coarse<br>grain, glauconitic carbonaceous inclusions;<br>23-1/2' sandstone & shale, gray, fine grained,<br>fossilitic, carbonaceous, hard, semi-tight, very<br>carbonaceous in part, becoming more shaly in<br>bottom 10'; 4' sandstone, fine grained, slightly<br>carbonaceous, good oil stain & odor, excellent<br>fluorescence; 4' shale, sandy laminations, dark<br>gray. |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
|   |      |                      |                         |  |    |                      |           |
| COPIES OF ELECTRIC, MICRO AND GAMMA RAY LOGS ATTACHED.  |      |                      |                         |  |    |                      |           |

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 G. L. Wagar  
Address 601 Denver Club Building, Denver 2, Colo.  
Position or Title Asst. Div. Supt., Production Dept.  
January 21, 1957 (Date)