

Form 9-330

U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **029431**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **The Vickers Petroleum Co., Inc.** Address **Box 2240, Wichita, Kansas**  
Lessor or Tract **Etz, et al** Field **Square Lake** State **New Mexico**  
Well No. **7** Sec. **30** T. **16S** R. **31E** Meridian **Eddy**  
Location **1345** ft. **N.** of **N.** Line and **1345** ft. **E.** of **E.** Line of **Section 30** Elevation **3858'**  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon  
so far as can be determined from all available records.

Signed **H. P. Paul**

Date **June 11, 1956** Title **Staff Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling **April 28**, 19**56** Finished drilling **May 15**, 19**56**

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from **3085** to **3089 L.W.** No. 4, from to  
No. 2, from **3096** to **3099 L.W.** No. 5, from to  
No. 3, from **3128** to **3136 L.W.** No. 6, from to

IMPORTANT WATER SANDS

No. 1, from **2440** to **2520** No. 3, from to  
No. 2, from to No. 4, from to

CASING RECORD

| Casing size | Weight per foot | Threads per inch | Make  | Amount | Kind of shoe | Cut and joint from | Perforated |    | Purpose    |
|-------------|-----------------|------------------|-------|--------|--------------|--------------------|------------|----|------------|
|             |                 |                  |       |        |              |                    | From       | To |            |
| 10-3/4      | 244             | 8-Rd.            | Smits | 416'   | Guide        | None               |            |    | Surface    |
| 5-1/2       | 13-1/2          | 8-Rd.            | Smits | 416'   | Case & Plug  | None               |            |    | Production |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10-3/4      | 427 R.B.  | 325                    | Howe Plug   |             |                    |
| 5-1/2       | 3076 R.B. | 100                    | Howe Plug   |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set  
Adapters—Material Size

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from **Surface** feet to **3207** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

DATES

**June 11**, 19**56** Put to producing **May 27**, 19**56**

The production for the first 24 hours was **1** barrels of fluid of which **100**% was oil; %  
emulsion; % water; and % sediment. Gravity, °Bé. **33.0**

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                 |
|-------|------|------------|---------------------------|
| 0     | 330  | 330        | Red beds                  |
| 330   | 550  | 220        | Anhydrite                 |
| 550   | 1420 | 870        | Salt                      |
| 1420  | 1590 | 170        | Anhydrite, shale, salt    |
| 1590  | 1690 | 100        | Sand, red shale           |
| 1690  | 1740 | 50         | Dolomite, shale           |
| 1740  | 1790 | 50         | Sand                      |
| 1790  | 2220 | 430        | Anhydrite, dolomite       |
| 2220  | 2340 | 120        | Sand, red shale           |
| 2340  | 2440 | 100        | Sandy anhydrite, dolomite |
| 2440  | 2520 | 80         | Red sand                  |
| 2520  | 2570 | 50         | Sandy shale               |
| 2570  | 2660 | 90         | Anhydrite                 |
| 2660  | 2690 | 30         | Shaly sand                |
| 2690  | 2720 | 30         | Dolomite                  |
| 2720  | 2850 | 130        | Shaly sand, anhydrite     |
| 2850  | 2880 | 30         | Dolomite                  |
| 2880  | 2940 | 60         | Sandy shale, anhydrite    |
| 2940  | 2990 | 50         | Dolomite                  |
| 2990  | 3000 | 10         | Sand                      |
| 3000  | 3010 | 10         | Dolomite                  |
| 3010  | 3030 | 20         | Anhydritic sand           |

FORMATION RECORD—Continued

