

U. S. LAND OFFICE **New Mexico**  
SERIAL NUMBER **019410**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
JAN 10 1961  
OIL COM. C  
DIST. C

# LOG OF OIL OR GAS WELL

### LOCATE WELL CORRECTLY

Company Public Petroleum Corporation Address Box 1419 Albuquerque, New Mexico  
 Lessor or Tract Bruington-Federal Field Basin State New Mexico  
 Well No. 15-N Sec. 15 T. 30N R. 11W Meridian New Mexico County San Juan  
 Location 1012 ft.  $\left\{ \begin{array}{c} \text{N.} \\ \text{S.} \end{array} \right\}$  of 8 Line and 1400 ft.  $\left\{ \begin{array}{c} \text{E.} \\ \text{W.} \end{array} \right\}$  of W Line of Section 15 Elevation 5832'  
 (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.

Date January 8, 1944 Signed William C. Cline  
Title Area Director

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

Commenced drilling November 22, 1963 Finished drilling December 12, 1963

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3234 to 3270 (G) No. 4, from 6796 to 6812 (G)

No. 2. from ~~6604~~ 13001 to ~~6676~~ 67 (67) No. 5. from ~~6604~~ 13001 to ~~6676~~ 67 (67)

No. 3, from 673 to 6770 (c) No. 6, from 6759 to 6768 (c)

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 10-11-1944 to 10-12-1944, No. 4, from 10-13-1944 to 10-14-1944.

## CASING RECORD

| Size casing      | Weight per foot | Threads per inch | Make         | Amount       | Kind of shoe     | Cut and pulled from | Perforated       |                  | Purpose                |
|------------------|-----------------|------------------|--------------|--------------|------------------|---------------------|------------------|------------------|------------------------|
|                  |                 |                  |              |              |                  |                     | From—            | To—              |                        |
| 9019/8<br>3-1/2" | 32-36<br>11.5   |                  | H-11<br>H-11 | 1000<br>1000 | 1-1/2"<br>1-1/2" | 1-1/2"<br>1-1/2"    | 7-1/2"<br>7-1/2" | 6-1/2"<br>6-1/2" | Producing<br>oil & gas |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used                                                       | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------------------------------------------------------------|-------------|--------------------|
| 9-5/8       | 249       | 250                    | Circulated                                                        |             |                    |
| 5-1/2       | 6220      | 205                    | Stages; Set DV tool @ 2309 & con. with 175 sx & circ. to surface. |             |                    |
|             |           |                        |                                                                   |             |                    |
|             |           |                        |                                                                   |             |                    |

## 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 |
|----------------------------------------|------------|----------------|----------|------|------------|-------------------|
|                                        |            |                |          |      |            |                   |
| See Completion report on reverse side. |            |                |          |      |            |                   |
|                                        |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from surface feet to 6381 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

January 8, 1964, 1964 Put to producing waiting on connection 19

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

If gas well, cu. ft. per 24 hours 6539 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 3/4" ck.

## EMPLOYEES

G. M. Benton, Driller

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

## FORMATION RECORD

| FROM—   | TO—  | TOTAL FEET | FORMATION           |
|---------|------|------------|---------------------|
| surface | 942  | 942        | Tertiary, undiff.   |
| 942     | 1892 | 950        | Kirtland Fm.        |
| 1892    | 2234 | 342        | Fruitland Fm.       |
| 2234    | 2344 | 110        | Pictured Cliffs Fm. |
| 2344    | 3816 | 1472       | Lewis Sh.           |
| 3816    | 4815 | 999        | Mesaverde, Undiff.  |
| 4815    | 5802 | 987        | Mancos Sh.          |
| 5802    | 6202 | 400        | Gallup Fm.          |
| 6202    | 6549 | 347        | Mancos Sh.          |
| 6549    | 6602 | 53         | Greenhorn Ls.       |
| 6602    | 6738 | 136        | Graueres Sh.        |
| 6738    | 6881 | 143        | Dakota Fm.          |

