

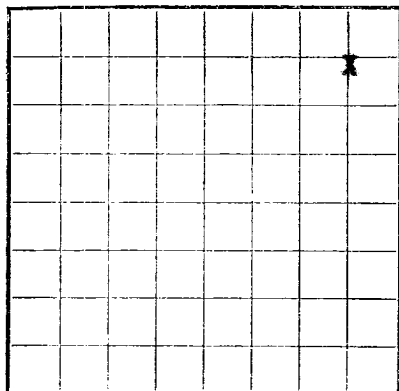
Indian Agency

819.111.0111 11-20-604-124

Company

SERIAL NUMBER 234467

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

JAN 23 1961

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

JAN 25 1961

U.S. GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2347, Hobbs, New Mexico  
Lessor or Tract Ute Indian Tribe "B" Field Verde Gallup State New Mexico  
Well No. 4 Sec. 36 T. 34 R. 15 Meridian 10N County San Juan  
Location 990 ft. S. of 1/4 Line and 660 ft. W. of 1/4 Line of Sec. 36 Elevation 5406  
(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

Date January 21, 1961Title Agent

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

Commenced drilling August 22, 1960 Finished drilling September 3, 1960Date well completed: 12-5-60

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4749 to 4542 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing                                   | Weight per foot | Threads per inch | Make             | Amount      | Kind of shoe | Cut and pulled from | Perforated |          | Purpose            |
|-----------------------------------------------|-----------------|------------------|------------------|-------------|--------------|---------------------|------------|----------|--------------------|
|                                               |                 |                  |                  |             |              |                     | From—      | To—      |                    |
| <u>5-1/2</u>                                  | <u>34</u>       | <u>8</u>         | <u>J &amp; L</u> | <u>4570</u> | <u>maker</u> | <u>-</u>            | <u>-</u>   | <u>-</u> | <u>All opening</u> |
| <u>4</u>                                      | <u>24</u>       | <u>8</u>         | <u>one</u>       | <u>211</u>  | <u>one</u>   | <u>-</u>            | <u>-</u>   | <u>-</u> | <u>production</u>  |
| <u>190' of 4" liner slotted in open hole.</u> |                 |                  |                  |             |              |                     |            |          |                    |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used               | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|---------------------------|-------------|--------------------|
| <u>5-1/2</u> | <u>4542</u> | <u>1550</u>            | <u>dumped in 4 stages</u> | <u>-</u>    | <u>-</u>           |
| <u>4</u>     | <u>4749</u> | <u>not cemented</u>    | <u>-</u>                  | <u>-</u>    | <u>-</u>           |

## 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 |
|------------|------------|----------------|----------|------|------------|-------------------|
| <u>one</u> |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 4749 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which January 7 % was oil; 61 %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas 30.0

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
Leonard Ariscoe, Driller Cochran, Driller  
Dan Pinos

## FORMATION RECORD

| FROM—    | TO—              | TOTAL FEET  | FORMATION                    |
|----------|------------------|-------------|------------------------------|
| <u>0</u> | <u>4749 T.D.</u> | <u>4749</u> | <u>Sand and shale.</u>       |
|          |                  |             | <u>Formation logs</u>        |
|          |                  |             | <u>Point Lookout 3015</u>    |
|          |                  |             | <u>Sandee 3490</u>           |
|          |                  |             | <u>Siltstone Parker 3802</u> |
|          |                  |             | <u>Gallup Parker 4380</u>    |

