

U. S. LAND OFFICE

SERIAL NUMBER **14-20-151-44**

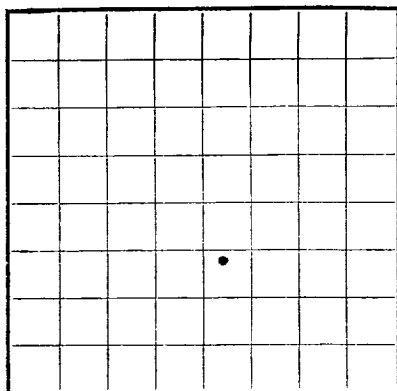
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

JAN 26 1959

GEOLOGICAL SURVEY  
NEW MEXICO

LOCATE WELL CORRECTLY

## LOG OF OIL OR GAS WELL

Company **C. M. Carroll** Address **Box 337, Farmington, New Mexico**Lessor or Tract **Ute Mountain Tribal** Field **Verde Gallup** State **New Mexico**Well No. **A-4** Sec **13** T. **31** R. **15** Meridian **NMPM** County **San Juan**Location **1780** ft. <sup>(N.)</sup><sub>(S.)</sub> of **S** Line and **2250** ft. <sup>(E.)</sup><sub>(W.)</sub> of **E** Line of **Sec. 13** Elevation **5611**  
(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 24, 1959**Title **Manager**

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

Commenced drilling **January 7**, 19**59** Finished drilling **January 17**, 19**59**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2380** to **2480** 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 **Not observed** 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— |                   |
| <b>8-5/8</b> | <b>24#</b>      | <b>8</b>         | <b>CR &amp; I</b> | <b>139'</b>  | <b>Tex. Pattern</b> |                     |            |     | <b>Surface</b>    |
| <b>5-1/2</b> | <b>14#</b>      | <b>8</b>         | <b>CR &amp; I</b> | <b>2375'</b> | <b>Tex. Pattern</b> |                     |            |     | <b>Oil String</b> |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set    | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|--------------|--------------|------------------------|--------------------|-------------|--------------------|
| <b>8-5/8</b> | <b>139'</b>  | <b>100</b>             | <b>Halliburton</b> |             |                    |
| <b>5-1/2</b> | <b>2375'</b> | <b>150 (Two Stage)</b> | <b>Halliburton</b> |             |                    |

## 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 **0** feet to **2480** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feetCable tools were used from **None** feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**January 24**, 19**59** Put to producing **1/22**, 19**59**The production for the first 24 hours was **209** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **40**

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                 |
|-------------|-------------|-------------|---------------------------|
| <b>0</b>    | <b>765</b>  | <b>765</b>  | <b>Menafee Shale</b>      |
| <b>765</b>  | <b>1100</b> | <b>335</b>  | <b>Point Lookout Sand</b> |
| <b>1100</b> | <b>2380</b> | <b>1280</b> | <b>Mancos Shale</b>       |
| <b>2380</b> | <b>2480</b> | <b>100</b>  | <b>Lower Gallup</b>       |

[OVER]

16-43094-4

LOGWELL RECORD—CONTINUED

