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DEC 9 1959  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO  
DEPARTMENT

U. S. LAND OFFICE Navajo-Ute Tribal  
SERIAL NUMBER 14-20-604-1951  
LEASE OR PERMIT TO PROSPECT RECEIVED

NEW MEXICO UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
DEC 16 1959  
OIL CON. COM.  
DIST. 3

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico  
Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico  
Well No. 25 Sec. 28 T. 31N R. 16W Meridian NMPM County San Juan  
Location 1980 ft. N. of N Line and 1980 ft. EX of E Line of Section 28 Elevation 5756'  
(Depth 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 \_\_\_\_\_ ORIGINAL SIGNED BY: WILLIAM A. GEARHART

Date December 1, 1959 Title Petroleum Engineer

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

Commenced drilling October 15, 1959 Finished drilling October 19, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1622 to 1645      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—  |            |
| 8-5/8"      | 80.00#          | 8 Rd.            | New  | 113.60 | Conventional |                     |            |      | Surface    |
| 5-1/2"      | 15.60#          | 8 Rd.            | New  | 1711   | Conventional |                     | 1627       | 1645 | Production |

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8-5/8"      | 126q      | 125                    | Circulated   |             |                    |
| 5-1/2"      | 1718      | 100                    | Single Stage |             |                    |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |

## 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 Remarks |      |            |                   |
|      |            |                |             |      |            |                   |
|      |            |                |             |      |            |                   |
|      |            |                |             |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 1727 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

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

## DATES

October 26, 1959 Put to producing November 17, 1959

The production for the first 24 hours was 55.20 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, <sup>°Bé</sup> 40.8° AFT

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                                                            |
|-------|------|------------|----------------------------------------------------------------------------------------------------------------------|
| 0     | 300  | 300        | Point Lookout Form. Gy., v/fn. silty ss w/freq. shale breaks.                                                        |
| 300   | 1392 | 1092       | Mancos Form. Gy. carb. shale.                                                                                        |
| 1392  | 1580 | 188        | Upper Gallup Form. Shale, gy.-blk., calc. w/aragonite inclusion.                                                     |
| 1580  | 1727 | 147        | Lower Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. inbd. shale. |
|       |      |            | TOPS ARE FROM ELECTRIC LOGS<br>AND RADIOACTIVITY LOGS.                                                               |

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