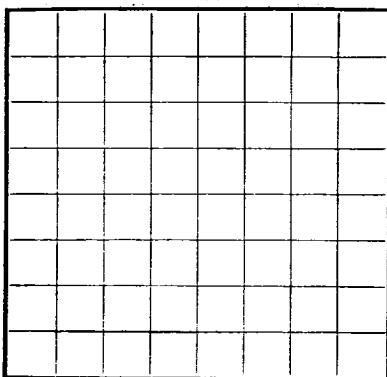
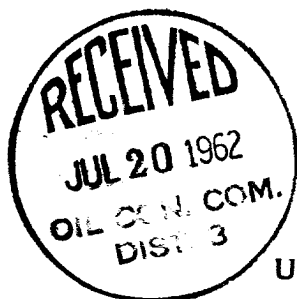




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.  
Approval expires 12-31-60.U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **079366**  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

JUL 19 1962

U. S. GEOLOGICAL SURVEY  
SANTA FE, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico  
Lessor or Tract Rincon Unit Field Basin Dakota State New Mexico  
Well No. 171 Sec. 21 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba  
Location 890 ft. N. of S. Line and 1140 ft. E. of W. Line of Section 21 Elevation 6644  
(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 July 17, 1962 Signed Original Signed D. W. Meehan Title Petroleum Engineer

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

Commenced drilling 6-2-, 19 62 Finished drilling 6-24-, 19 62

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7404 to 7529 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 7529 to 7710 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— |              |
| 9 5/8"      | 32.3            | 8 rd             | H-40 | 277    | Howco        |                     |            |     | Surface      |
| 4 1/2"      | 11.6, 10.5      | 8 rd             | J-55 | 7699   | Baker        |                     |            |     | Prod. casing |
| 2 3/8"      | 4.7             | 8 rd             | J-55 | 7641   | Baker        |                     |            |     | Prod. tubing |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set   | Number sacks of cement | Method used       | Mud gravity | Amount of mud used |
|-------------|-------------|------------------------|-------------------|-------------|--------------------|
| 9 5/8"      | <u>292</u>  | <u>210</u>             | <u>circulated</u> |             |                    |
| 4 1/2"      | <u>7710</u> | <u>510</u>             | <u>3 stage</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 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| Perf 7564-68; 7580-84; 7610-14; 7622-26 (2 SFF); 7634-42 (1 SFF) Frac w/54,440 gal wtr., 52,000# sd Fl w/6900 gal. NDP 2200#, TP 3950#, MP 3300#, I.R. 32.3 BPM. 4 drops of 8 balls. |            |                |          |      |            |                   |
| 7438-42; 7452-56; 7482-86 (4 SFF) Frac w/32,000 gal wtr., 30,000# sd. Fl w/5000 gal. NDP 1900#, MP 3100#, TP 3300#, IR 37.8 BPM. 2 drops of 16 balls.                                |            |                |          |      |            |                   |
| ALL BALLS USED.                                                                                                                                                                      |            |                |          |      |            |                   |

Rotary tools were used from 0 feet to 7710 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## DATES

7-6-, 19 62 Put to producing \_\_\_\_\_, 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 4,262,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 2489 tbq.

A.O.F. 4796 MCF/D

## EMPLOYEES

Driller