

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 080711  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

14-08-001-538

[illegible]

LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico  
Lessor or Tract San Juan 30-6 Unit Field Blanco State New Mexico  
Well No. 26 Sec. 19 T. 30N R. 6W Meridian N.M.P.M. County Rio Arriba  
Location 1150 ft. N of S Line and 990 ft. E of W Line of Section 19 Elevation 6226'  
(Strike, face relative to well)

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 D. C. Johnson

Date June 5, 1958 Title Petroleum Engineer

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

Commenced drilling 4-20-, 19 58 Finished drilling 5-2-, 19 58

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

(Denote gas by G)

|                                                                                                                                        |                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| No. 1, from <u>3145</u> to <u>3268 (G)</u><br>No. 2, from <u>5010</u> to <u>5046 (G)</u><br>No. 3, from <u>5046</u> to <u>5306 (G)</u> | No. 4, from <u>5306</u> to <u>5577 (G)</u><br>No. 5, from _____ to _____<br>No. 6, from _____ to _____ |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|

## IMPORTANT WATER SANDS

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

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, 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— |              |
| 10 3/4"     | 32.75           | P.E.             | S.W. | 162'   | Howco        |                     |            |     | Surface      |
| 7 5/8"      | 26.40           | 8 Rd.            | J-55 | 3352'  | Baker        |                     |            |     | Intermediate |
| 5 1/2"      | 15.50           | 8 Rd.            | J-55 | 2294'  | Baker        |                     |            |     | Prod. csg.   |
| 2"          | 4.7             | 8 Rd.            | J-55 | 5525'  |              |                     |            |     | Prod. tbg.   |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set  | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|------------|------------------------|--------------|-------------|--------------------|
| 10 3/4"     | 174'       | 100                    | circulated   |             |                    |
| 7 5/8"      | 3365'      | 200                    | single stage |             |                    |
| 5 1/2"      | 3295-5589' | 300                    | single stage |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

## SHOOTING RECORD

| <b>Size</b> | <b>Shell used</b> | <b>Explosive used</b>   | <b>Quantity</b> | <b>Date</b> | <b>Depth shot</b> | <b>Depth cleaned out</b> |
|-------------|-------------------|-------------------------|-----------------|-------------|-------------------|--------------------------|
|             |                   |                         |                 |             |                   |                          |
|             |                   | <b>See Well History</b> |                 |             |                   |                          |
|             |                   |                         |                 |             |                   |                          |

## TOOLS USED

Gas Drilled

Rotary tools were used from 175 feet to 3365 feet, and from 3365 feet to 5594 feet  
Cable tools were used from 0 feet to 175 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

5-9-1958 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 4,903,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. -----1059----- A.O.F.--13,214 MCF/D

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                        |
|-------|------|------------|----------------------------------------------------------------------------------|
| 0     | 2116 | 2116       | Tan to gry cr-grn ss interbedded w/gry sh.                                       |
| 2116  | 2330 | 214        | Ojo Alamo ss. White cr-grn s.                                                    |
| 2330  | 2848 | 518        | Kirtland form. Gry sh interbedded w/tight, gry, fine-grn ss.                     |
| 2848  | 3145 | 297        | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 3145  | 3268 | 123        | Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.                 |
| 3268  | 5010 | 1742       | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.               |
| 5010  | 5046 | 36         | Cliff House ss. Gry, fine-grn, dense sil ss.                                     |
| 5046  | 5306 | 260        | Menefee form. Gry, fine-grns, carb sh & coal                                     |
| 5306  | 5577 | 271        | Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.                  |
| 5577  | 5592 | 15         | Mancos formation. Gry carb sh.                                                   |

**FORMATION RECORD—Continued**

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

## HISTORY OF OIL OR GAS WELL.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

5-6-58 I.D. 55921. Treated Point Lookout pert. Int. (1 CF/ft.) 5276-5302; 5316-5336; 5364-5406; 5456-5476; 5488-5502; 5512-5532; 5544-5564 w/79,000 gal. water, 70,000# sand. Flushed w/9000 gal. water. BDP 1100#, max. pr. 2900#, tr. pr. 1200-1000-1250-1400-2000-2200-1600#. I.R. 60 BPM. 7 stages--3 balls drops or 18 balls each, 3 ball drops 10 balls each. Nat. gage 7/4 over all.

5-6-58 I.D. 55921. Temporary Bridge Plug at 5200'. Water fractured cliff House pert. Int. 5022-5042 with 31,500 gal. water and 30,000# sand. BDP 2800#, max. pr. 2800#, avg. tr. pr. 1650#. I.R. 55 BPM. Flush 4200 gallons.

gal. water, 70,000# sand. Flushed w/9000 gal. water. BDP 1100#, max. pr. 2900#, tr. pr. 1200-1000-1250-1400-2000-2200-1600#. I.R. 60 BFM. 7 stages--3 balls drops of 18 balls each, 3 ball drops 10 balls each. Nat. gage 7 1/4 over all.

5-6-58 R.D. 55921. Temporary Bridge Plug at 5200'. Water fractured cliff house part. Int. 5022-5042 with 31,500 gal. water and 30,000# sand. BDP 2800#, max. pr. 2800#, avg. tr. pr. 1650#. I.R. 55 BPM. Flush 4200 gallons.