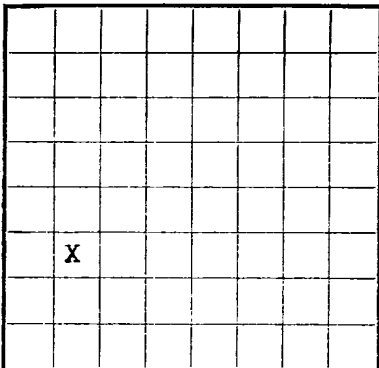


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 079472  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

14-08-001-949

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico  
Lessor or Tract San Juan 28-5 Unit Field \_\_\_\_\_ State \_\_\_\_\_  
Well No. 20 Sec. 30 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba  
Location 1800 ft. [N.] of S Line and 1175 ft. [E.] of W Line of Section 30 Elevation 6547  
(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 Original Signed D. C. JohnsonDate June 12, 1957 Title Petroleum Engineer

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

Commenced drilling 4-15, 1957 Finished drilling 5-3, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3346 to 3470 (G) No. 4, from 5561 to 5681 (G)  
No. 2, from 5021 to 5210 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 5210 to 5561 (G) 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      |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|--------------|
| 10-3/4"     | 32.75           | P.E.             | S.W. | 161'   | Howco        |                     |            | surface      |
| 7-5/8"      | 28.5            | 8 Rd.            | J-55 | 161'   | Parker       |                     |            | intermediate |
| 5-1/2"      | 26.5            | 8 Rd.            | J-55 | 161'   | Parker       |                     |            | prod. log.   |
| 2"          | 4.7             | 8 Rd.            | J-55 | 5635'  |              |                     |            | Prod. log.   |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 10-3/4"     | 174'      | 150                    | circulated   |             |                    |
| 7-5/8"      | 3507'     | 250                    | single stage |             |                    |
| 5-1/2"      | 5760'     | 300                    | 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 3507 feet, and from 3507 feet to 5765 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing 5-9, 1957

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 4,775,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 1070 A.O.F. = 11560 MCF/D

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                        |
|-------|------|------------|----------------------------------------------------------------------------------|
| 0     | 2620 | 2620       | Tan to gry cr-grn ss interbedded w/gry sh.                                       |
| 2620  | 2781 | 161        | Ojo Alamo ss. White cr-grn s.                                                    |
| 2781  | 3119 | 338        | Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.                       |
| 3119  | 3346 | 227        | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 3346  | 3470 | 124        | Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.                 |
| 3470  | 5021 | 1551       | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.               |
| 5021  | 5210 | 189        | Cliff House ss. Gry, fine-grn, dense sil ss                                      |
| 5210  | 5561 | 351        | Manefee form. Gry, fine-grn s, carb sh & coal.                                   |
| 5561  | 5681 | 120        | Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.                  |
| 5681  | 5765 | 84         | Mancos formation. Gry carb sh.                                                   |

FORMATION RECORD—Continued



NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease San Juan 28-5 Unit

Well No. 20 Unit Letter L S30 T 28N R 5W Pool Blanco

County Rio Arriba Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Co.

Address \_\_\_\_\_

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address \_\_\_\_\_

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ ☒ )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 12 day of June 1957

By DC Pluston

Title Petroleum Engineer

Company El Paso Natural Gas Co.

Address Box 997

Approved JUN 17 1957 1957

OIL CONSERVATION COMMISSION  
Original Signed By

By A. R. KENDRICK

Title PETROLEUM ENGINEER DIST. NO. 3

Farmington, New Mexico



OIL CONSERVATION COMMISSION  
AZTEC DISTRICT OFFICE

No. Copies Received 6

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