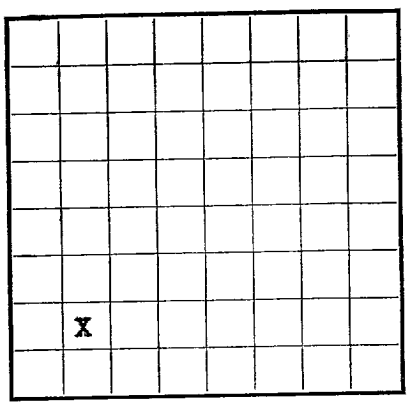
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079320
LEASE OR PERMIT TO PROSPECT 14-08-001-569




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 32-9 Unit Field Blanco State New Mexico
Well No. 66 Sec. 10 T. 32N R. 9W Meridian N.M.P.M. County San Juan
Location 1142 ft. [N.] of S Line and 870 ft. [E.] of W Line of Section 10 Elevation 7062'
(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. Johnston
Date July 24, 1958 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 5-27-, 1958 Finished drilling 6-14-, 1958

## OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3877 to 4037 (G) No. 4, from 6265 to 6450 (G)
No. 2, from 5913 to 5968 (G) No. 5, from ____ to ____
No. 3, from 5968 to 6265 (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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 10 3/4" | 32.75 | P.E. | S.W. | 162' | Howco | | | | Surface |
| 7 5/8" | 26.40 | 8 Rd. | J-55 | 4094' | Baker | | | | Intermediate |
| 5 1/2" | 15.50 | 8 Rd. | J-55 | 2425' | Baker | | | | Prod. liner |
| | | | | | | | | | |
| | | | | | | | | | |
| 2" | 4.7 | 8 Rd. | J-55 | 6424' | | | | | 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" | 172' | 200 | circulated | | |
| 7 5/8" | 4104' | 200 | single stage | | |
| 5 1/2" | 4060-6485' | 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 |
|---|---|---|---|---|---|---|
| | | See Well History | | | | |

## TOOLS USED

Rotary tools were used from 0 feet to 4109 feet, and from 4109 feet to 6485 feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

## DATES

6-23-, 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 1,603,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 997

Gas Drilled
A.O.F.--1811 MCF/D

## EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | Tan to gry cr-grn ss interbedded w/gry sh. |
| Undeveloped | 3214 | 3214 | Ojo Alamo ss. White cr-grn s. |
| 3214 | 3484 | 270 | Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. |
| 3484 | 3877 | 393 | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 3877 | 4037 | 160 | Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss. |
| 4037 | 5913 | 1876 | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. |
| 5913 | 5968 | 55 | Cliff House ss. Gry, fine-grn, dense sil ss. |
| 5968 | 6265 | 297 | Menefee form. Gry, fine-grn s, carb sh & Coal. |
| 6265 | 6450 | 185 | Point Lookout form. Gry, very fine sil ss w/frequent sh breaks. |
| 6450 | 6485 | 35 | Mancos formation. Gry carb sh. |

FOLD MARK

[OVER]

## FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|

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## HISTORY OF OIL OR GAS WELL

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.

6-17-58 T.D. 6488'. COTD 6453'. Water frac. perf. int. 6268-6292; 6304-6322; 6330-6360; 6374-6398 (2 CF/ft) w/42,457 gal. water, 57,500# sand. B.D.P. 1300#, max. pr. 3000#, trtg. 1500-1900-1800-2200-3000#. I.R. 68 B.P.M. 5 stage 3 ball drops 34 balls each, 1 drop 17 balls. Balled off after 57,500# sand had been used in treating well.

6-19-58. T.P. 6100'. Water frac. perf. int. (2 CF/ft) Menefee 5930-5946; 5954-5966 w/34,733 gal. water, 35,000# sand. B.D.P. 1850#, max. pr. 1700#, trtg. 1600#. I.R. 69 B.P.M. Flushed w/10,200 gal. water. 1 stage. No ball drops.