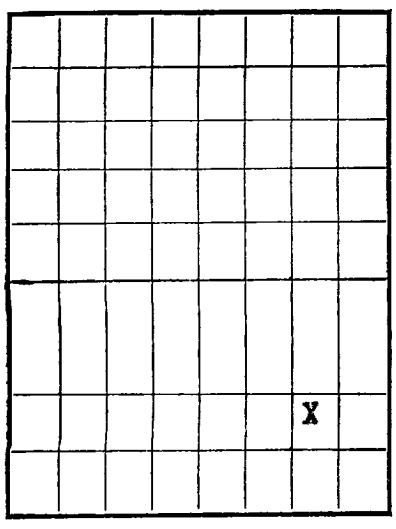
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078913
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY




LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Hammond Federal Field Lindrith State New Mexico
Well No. 1 Sec. 22 T. 24N R. 3W Meridian NMPM County Rio Arriba
Location 990 ft. {N.} of S Line and 990 ft. {W.} of E Line of Section 22 Elevation 7192'
(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 [illegible]

Date December 15, 1955 Title Petroleum Engineer

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

Commenced drilling December 31, 19 51 Finished drilling February 6, 19 52

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3200 to 3250 G 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 10 3/4" | 32.75 | 8 RD | SS | 230' | Bowco | | | | Surface |
| 5 1/2" | 14.00 | 8 RD | SS | 3200' | Bowco | | | | Prod. Csg. |
| 1" | 1.68 | 10 RD | Std.Blk. | 3248' | | | | | 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" | 230' | 125 | Pump & Plug | | |
| 5 1/2" | 3200 | 300 | Pump & Plug | | |

## 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 |
|---|---|---|---|---|---|---|
| U Shell | Solidified | Nitro | 180 qts. | 2-7-52 | 3212-90 | 3210-3290 |
| Dump Shot | Solidified | Nitro | 290 qts. | 2-13-52 | 3210-90 | 3210-3290 |
| Dump Shot | Solidified | Nitro | 1190 qts. | 2-22-52 | 3209-90 | 3209-3290 |

## TOOLS USED

See Well History.

Rotary tools were used from 0 feet to 3200 feet, and from feet to feet
Cable tools were used from 3200 feet to 3290 feet, and from feet to feet

## DATES

8-28-55, 19 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 224,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 749

## EMPLOYEES

, Driller , Driller
, Driller , Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 700 | 700 | Tan cr-grn ss w/thin sh breaks. |
| 700 | 935 | 235 | Variegated sh w/thin ss breaks. |
| 935 | 2082 | 1147 | Tan to gry cr-grn ss interbedded w/gry sh. |
| 2082 | 2098 | 16 | Ojo Alamo ss. White cr-grn s. |
| 2098 | 2592 | 494 | Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. |
| 2592 | 3200 | 608 | Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. |
| 3200 | 3250 | 50 | Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss. |
| 3250 | 3290 T.D. | 40 | Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. |

FOLD | MARK

# LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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FORM 9-330

Company _____ Address _____

Lessor or Tract _____ Field _____ State _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____

Elevation _____ (derrick floor relative to sea level)

Location _____ ft. _____ of _____ Line and _____ ft. _____ of _____ Line of _____

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 _____ Title _____

Date _____ This well was tested _____

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

Commenced drilling _____ 19__ Finished drilling _____ 19__

## WORKING TEST

| Date | Hours | Barrels of Oil | Gravity | Barrels of Water | Gas |
|---|---|---|---|---|---|
| | | | | | |

Gallons gasoline per [illegible] cu. ft. of gas

Rock pressure, lbs. per sq. in. _____

## EMPLOYEES

Driller _____ Driller _____

Driller _____ Driller _____

## FORMATION RECORD

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