



U. S. LAND OFFICE New Mexico  
SERIAL NUMBER 03758  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Nat. Gas Co. Address Box 997, Farmington, N. M.  
Lessor or Tract Sunray Field Bianco State New Mexico  
Well No. 1-C Sec. 1 T. 30N. R. 11W Meridian NMPM County San Juan  
Location 990 ft. <sup>N</sup> of N Line and 990 ft. <sup>W</sup> of E Line of Section 1 Elevation 5982  
(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 School Schuler

Date September 11, 1953 Title Petroleum Engineer

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

Commenced drilling May 12, 1953. Finished drilling May 27, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2588 to 2635 (G) No. 4, from 4813 to 4925 (G)  
No. 2, from 4193 to 4355 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4355 to 4813 (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 | Purpose    |
|-------------|-----------------|------------------|-----------------|--------|--------------|---------------------|------------|
| 9-5/8       | 25.4            | S. V.            | Armco 162       | Armco  |              |                     | Surface    |
| 7"          | 23              |                  | 8rd Foreign 413 | Maker  |              |                     | Prod. sg.  |
| 5"          | 18              |                  | 8rd Spang 880   | Maker  |              |                     | Prod. sg.  |
| 2"          | 4.7             |                  | 8rd Young-4925  | ston   |              |                     | Prod. tbg. |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 9-5/8       | 176       | 120                    | Circ.        |             |                    |
| 7"          | 4145      | 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 |
|------|------------|----------------|----------|---------|------------|-------------------|
| Qts. | Reg.       | SNG            | 2265     | 7-28-53 | 4202-4952  | No Attempt        |
| Qts. | Reg.       | SNG            | 200      | 7-2-53  | 4145-4951  | 4951              |

TOOLS USED

Rotary tools were used from 0 feet to 4145 feet, and from 4145 feet to 4951 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

July 3, 1953 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 636,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1022

EMPLOYEES

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

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION  |
|-------|------|------------|--|
| 0     | 660  | 660        | Tan cr-grn SS w/thin sh breaks.  |
| 660   | 840  | 180        | Variegated sh w/thin SS breaks.  |
| 840   | 1153 | 313        | Tan to gr cr-grn SS interbedded w/gr sh.   |
| 1153  | 1280 | 127        | Ojo Alamo SS. Wh cr-grn sd. Top Ojo Alamo 1153.  |
| 1280  | 2195 | 915        | Kirtland formation. Gr sh interbedded w/tight gr fine-grn SS. Top Kirtland 1280.                 |
| 2195  | 2588 | 393        | Fruitland formation. Gr carb sh, scattered coals and gr, tight, fine-grn SS. Top Fruitland 2195. |
| 2588  | 2635 | 47         | Pictured Cliffs formation. Gr, fine-grn, tight, varicolored soft SS. Top Pictured Cliffs 2588.   |
| 2635  | 4193 | 1558       | Lewis formation. Gr to wh dense sh w/silty to shly SS breaks. Top Lewis 2635.                    |
| 4193  | 4355 | 162        | Cliff House SS. Gr, fine-grn, dense siliceous SS. Top Cliff House 4193.                          |
| 4355  | 4813 | 458        | Menefee formation. Gr, fine-grn sd, carbonaceous sh and coal. Top Menefee 4355.                  |

