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LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1005, Farmington, New Mexico  
Lessor or Tract ROSS Field East Lower Gallup State New Mexico  
Well No. 2 Sec. 3 T. 24N R. 10W Meridian NMPM County San Juan  
Location 1330 ft. N. of N Line and 560 ft. E. of E Line of Section 3 Elevation 550 ft.  
(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 BY: JOSEPH E. REGEN  
Date August 22, 1953 Title Petroleum Engineer

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

Commenced drilling June 10, 1953 Finished drilling June 22, 1953

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5353' to 5386' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 5401' to 5410' 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 |       | Purpose      |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-------|--------------|
|             |                 |                  |      |        |              |                     | From—      | To—   |              |
| 10-3/4"     | 52.75           | P.E.             | S.W. | 132    | Baker        |                     |            |       | Initial Log. |
| 8-1/2"      | 45.50           | 3 Ra.            | J-53 | 5447   | Baker        |                     | 5353'      | 5410' | Produ. Cas.  |
|             |                 |                  |      |        |              |                     |            |       |              |
|             |                 |                  |      |        |              |                     |            |       |              |
|             |                 |                  |      |        |              |                     |            |       |              |
|             |                 |                  |      |        |              |                     |            |       |              |
|             |                 |                  |      |        |              |                     |            |       |              |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 10-3/4"     | 173'      | 125                    | Circulated   |             |                    |
| 8-1/2"      | 5409'     | 300                    | Single Stage |             |                    |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material Baker Hydraulic Comp. Size 2-3/4" X 3-1/2" at 5410'

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity      | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|---------------|------|------------|-------------------|
|      |            |                | See "Remarks" |      |            |                   |
|      |            |                |               |      |            |                   |
|      |            |                |               |      |            |                   |
|      |            |                |               |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 5401' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

July 10, 1953 Put to producing August 12, 1953

The production for the first 24 hours was 105 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, 54.9 API 21.40

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                                                        |
|-------|------|------------|------------------------------------------------------------------------------------------------------------------|
| 0     | 999  | 999        | Ojo Alamo ss. White, coarse grained sand.                                                                        |
| 999   | 1451 | 452        | Kirtland Form. Gy. sh. with thin layers of ss.                                                                   |
| 1451  | 1690 | 239        | Fruitland Form. Gy. carb. ss., shal. coals, coals & gy. tight PG ss.                                             |
| 1690  | 1791 | 101        | Placated Bluffs Form. Gray, sh. & arg. var. colored soft ss.                                                     |
| 1791  | 2514 | 723        | Lewis Form. Gy. to white ss. sh. w/silty to shaley ss breaks.                                                    |
| 2514  | 4173 | 1659       | Mesa Verde Form. Gy., PG, sh. silty ss., carb. shale and coal.                                                   |
| 4173  | 4655 | 482        | Point Lookout Form. Gy., w/sh. silty ss w/frequent shale breaks.                                                 |
| 4655  | 5193 | 538        | Manos Form. Gy. carb. shale.                                                                                     |
| 5193  | 5451 | 258        | Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very sh. to med. ss. w/irreg. interbedded shale. |
|       |      |            | TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.                                                              |

**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

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