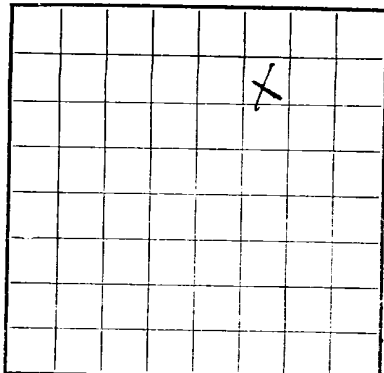




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 078416-A  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
JUN 15 1953  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico  
Lessor or Tract Hardie Field Blanco State New Mexico  
Well No. 1 Sec. 26 T. 29N R. 8W Meridian N.M.P.M. County San Juan  
Location 990 ft. 900 ft. 900 ft. of N Line and 1650 ft. 1650 ft. of E Line of Section 26 Elevation 6355'  
(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 Well N. M. M.Date June 10, 1953Title Petroleum Engineer

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

Commenced drilling January 17, 1953 Finished drilling February 24, 1953

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2984 to 3034 (G) No. 4, from 4604 to 5313 (G)  
No. 2, from 4604 to 5313 (G) No. 5, from 4604 to 5313 (G)  
No. 3, from 4604 to 5313 (G) No. 6, from 4604 to 5313 (G)

## IMPORTANT WATER SANDS

No. 1, from 4604 to 5313 (G) No. 3, from 4604 to 5313 (G)  
No. 2, from 4604 to 5313 (G) No. 4, from 4604 to 5313 (G)

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make     | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose      |
|-------------|-----------------|------------------|----------|--------|--------------|---------------------|------------|-----|--------------|
|             |                 |                  |          |        |              |                     | From—      | To— |              |
| 9 5/8       | 25.4            | 8 W.             | Armco    | 162'   | Armco        |                     |            |     | Surface Csg. |
| 7 1/2       | 20              | 8 R              | Armco    | 6500'  | Armco        |                     |            |     | Prod. Csg.   |
| 2"          | 4.7             | 8 R              | Youngst. | 5313'  |              |                     |            |     | 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       | 174       | 125                    | Circulated  |             |                    |
| 7           | 4510      | 300                    | Sing. 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 |
|-------|------------|----------------|----------|---------|------------|-------------------|
| Quart | Regular    | S. N. G.       | 1665     | 2-25-53 | 4608-5370  | 5370              |

## TOOLS USED

Rotary tools were used from 0 feet to 4510 feet, and from 4510 feet to 5370 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing February 28, 1953

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 1,860,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 1033

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                                          |
|-------|------|------------|----------------------------------------------------------------------------------------------------|
| 0     | 820  | 820        | Tan cr-grn ss w/thin sh breaks.                                                                    |
| 820   | 1675 | 855        | Variegated sh w/thin ss breaks.                                                                    |
| 1675  | 2030 | 355        | Tan to gry cr-grn ss interbedded w/gry sh.                                                         |
| 2030  | 2122 | 92         | Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2030.                                                     |
| 2122  | 2658 | 536        | Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2122.                 |
| 2658  | 2984 | 326        | Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2658. |
| 2984  | 3034 | 50         | Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2984.    |
| 3034  | 4604 | 1570       | Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3034.                    |
| 4604  | 4738 | 134        | Cliff House ss. Gry, fine-grn, dense sil ss. Top Cliff House 4604.                                 |
| 4738  | 5222 | 484        | Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 4738.                            |
| 5222  | 5313 | 91         | Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5222.       |
| 5313  | 5371 | 58         | Mancos formation. Gry carb sh. Top Mancos 5313.                                                    |

YOU: I DON'T KNOW  
M. M. KOSCHULAK

ATTN: HAS TO GO TO BOLI

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reaming, 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

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

| FROM- | TO-  | TOTAL FEET | FORMATION |
|-------|------|------------|-----------|
| 100   | 100  | 100        | 100       |
| 200   | 200  | 200        | 200       |
| 300   | 300  | 300        | 300       |
| 400   | 400  | 400        | 400       |
| 500   | 500  | 500        | 500       |
| 600   | 600  | 600        | 600       |
| 700   | 700  | 700        | 700       |
| 800   | 800  | 800        | 800       |
| 900   | 900  | 900        | 900       |
| 1000  | 1000 | 1000       | 1000      |
| 1100  | 1100 | 1100       | 1100      |
| 1200  | 1200 | 1200       | 1200      |
| 1300  | 1300 | 1300       | 1300      |
| 1400  | 1400 | 1400       | 1400      |
| 1500  | 1500 | 1500       | 1500      |
| 1600  | 1600 | 1600       | 1600      |
| 1700  | 1700 | 1700       | 1700      |
| 1800  | 1800 | 1800       | 1800      |
| 1900  | 1900 | 1900       | 1900      |
| 2000  | 2000 | 2000       | 2000      |
| 2100  | 2100 | 2100       | 2100      |
| 2200  | 2200 | 2200       | 2200      |
| 2300  | 2300 | 2300       | 2300      |
| 2400  | 2400 | 2400       | 2400      |
| 2500  | 2500 | 2500       | 2500      |
| 2600  | 2600 | 2600       | 2600      |
| 2700  | 2700 | 2700       | 2700      |
| 2800  | 2800 | 2800       | 2800      |
| 2900  | 2900 | 2900       | 2900      |
| 3000  | 3000 | 3000       | 3000      |
| 3100  | 3100 | 3100       | 3100      |
| 3200  | 3200 | 3200       | 3200      |
| 3300  | 3300 | 3300       | 3300      |
| 3400  | 3400 | 3400       | 3400      |
| 3500  | 3500 | 3500       | 3500      |
| 3600  | 3600 | 3600       | 3600      |
| 3700  | 3700 | 3700       | 3700      |
| 3800  | 3800 | 3800       | 3800      |
| 3900  | 3900 | 3900       | 3900      |
| 4000  | 4000 | 4000       | 4000      |
| 4100  | 4100 | 4100       | 4100      |
| 4200  | 4200 | 4200       | 4200      |
| 4300  | 4300 | 4300       | 4300      |
| 4400  | 4400 | 4400       | 4400      |
| 4500  | 4500 | 4500       | 4500      |
| 4600  | 4600 | 4600       | 4600      |
| 4700  | 4700 | 4700       | 4700      |
| 4800  | 4800 | 4800       | 4800      |
| 4900  | 4900 | 4900       | 4900      |
| 5000  | 5000 | 5000       | 5000      |
| 5100  | 5100 | 5100       | 5100      |
| 5200  | 5200 | 5200       | 5200      |
| 5300  | 5300 | 5300       | 5300      |
| 5400  | 5400 | 5400       | 5400      |
| 5500  | 5500 | 5500       | 5500      |
| 5600  | 5600 | 5600       | 5600      |
| 5700  | 5700 | 5700       | 5700      |
| 5800  | 5800 | 5800       | 5800      |
| 5900  | 5900 | 5900       | 5900      |
| 6000  | 6000 | 6000       | 6000      |
| 6100  | 6100 | 6100       | 6100      |
| 6200  | 6200 | 6200       | 6200      |
| 6300  | 6300 | 6300       | 6300      |
| 6400  | 6400 | 6400       | 6400      |
| 6500  | 6500 | 6500       | 6500      |
| 6600  | 6600 | 6600       | 6600      |
| 6700  | 6700 | 6700       | 6700      |
| 6800  | 6800 | 6800       | 6800      |
| 6900  | 6900 | 6900       | 6900      |
| 7000  | 7000 | 7000       | 7000      |
| 7100  | 7100 | 7100       | 7100      |
| 7200  | 7200 | 7200       | 7200      |
| 7300  | 7300 | 7300       | 7300      |
| 7400  | 7400 | 7400       | 7400      |
| 7500  | 7500 | 7500       | 7500      |
| 7600  | 7600 | 7600       | 7600      |
| 7700  | 7700 | 7700       | 7700      |
| 7800  | 7800 | 7800       | 7800      |
| 7900  | 7900 | 7900       | 7900      |
| 8000  | 8000 | 8000       | 8000      |
| 8100  | 8100 | 8100       | 8100      |
| 8200  | 8200 | 8200       | 8200      |
| 8300  | 8300 | 8300       | 8300      |
| 8400  | 8400 | 8400       | 8400      |
| 8500  | 8500 | 8500       | 8500      |
| 8600  | 8600 | 8600       | 8600      |
| 8700  | 8700 | 8700       | 87        |