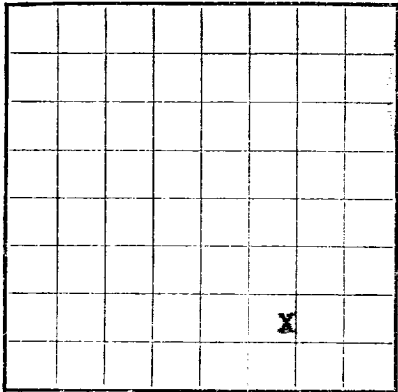


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico  
Lessor or Tract Jicarilla Field So. Blanco Pictured Cliffs New Mexico  
Well No. 15-E Sec. 17 T. 25NR. 4 N Meridian N.M.P.M. County Rio Arriba  
Location 1140 ft. N. of 3 Line and 1600 E. of 2 Line of Sec. 17 Elevation 7359  
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. Original Signed D. W. Meehan  
Signed \_\_\_\_\_

Date August 4, 1960 Title Petroleum Engineer

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

Commenced drilling 6-8, 1960 Finished drilling 6-13-60, 1960

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3594 to 3750(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 |     | Purpose     |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|-------------|
|             |                 |                  |      |        |              |                     | From—      | To— |             |
| 8 5/8"      | 24              | 3 Rd.            | J-55 | 95     | Husco        |                     |            |     | surface     |
| 2 7/8"      | 6.4             | 3 Rd.            | J-55 | 3775   | Baker        |                     |            |     | Prod casing |
|             |                 |                  |      |        |              |                     |            |     |             |
|             |                 |                  |      |        |              |                     |            |     |             |
|             |                 |                  |      |        |              |                     |            |     |             |
|             |                 |                  |      |        |              |                     |            |     |             |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8 5/8"      | 110       | 90                     | circulated   |             |                    |
| 2 7/8"      | 3785      | 60                     | 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

TOOLS USED

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

DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
6-28-60  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

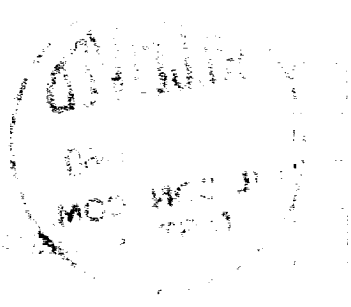
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1,003,000

EMPLOYEES

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

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                        |
|-------|------|------------|----------------------------------------------------------------------------------|
| 0     | 3209 | 3209       | Tan to gry cr-grn ss interbedded w/gry sh.                                       |
| 3209  | 3348 | 139        | Ojo Alamo ss White cr-grn s.                                                     |
| 3348  | 3525 | 177        | Kirtland form gry sh interbedded w/tight gry fine-grn ss.                        |
| 3525  | 3694 | 169        | Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss. |
| 3694  | 3750 | 56         | Picturedd Cliffs formss Gry, fine-grn, tight, varicolored soft ss.               |
| 3750  | 3804 | 54         | Lewis formation. Gry, fine-grn, dense sil ss.                                    |



U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D.C.

**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 "struck" 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.

T.B. 3787. C.G. 1. D. 3778. Drilled w/17,610 gal. water  
& 15,000 # sand. Finish 1890 gal. I.B. 18 B.P.M.  
W.L. 2000 #, B.S.V. 2200 #, cr. pr. 2050-2200-2500 #.  
Dropped 3 sets of 10 balls. Five water contained 1 \$  
calcium chloride & 7/8 wt-3/1000 gal.

3780-88  
3781-88  
3782-88