



OM. UNITED STATES RECEIVED  
DEPARTMENT OF THE INTERIOR FEB 14 1958  
GEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

## LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico  
 Lessor or Tract Lundean Field Wildcat State New Mexico  
 Well No. 1-A Sec. 4 T. 25-N R. 10-W Meridian N.M.P.M. County San Juan  
 Location 660 ft. N of S Line and 660 ft. E of W Line of Sec. 4 Elevation 6718'  
(Check floor against 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.

Date February 12, 1958 Title Petroleum Engineer

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

Commenced drilling 12-9 1957 Finished drilling 1-3 1958

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1. from **5539'** to **5860'** No. 4. from \_\_\_\_\_ to \_\_\_\_\_

No. 2. from \_\_\_\_\_ to \_\_\_\_\_ No. 5. from \_\_\_\_\_ to \_\_\_\_\_

No. 3. from \_\_\_\_\_ to \_\_\_\_\_ No. 6. from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER BILLS

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"     | 32.75           | PE               | SW   | 161    | Baker        |                     |            |     | Surface Csg.                |
|             |                 |                  |      |        |              |                     |            |     | HISTORIA OF OIL OR GAS WELL |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10-3/4"     | 170'      | 125                    | Circulated  |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

[illegible]

## SHOOTING RECORD

| Size   | Shell used                                              | Explosive used         | Quantity | Date | Depth shot | Depth cleaned out |
|--------|---------------------------------------------------------|------------------------|----------|------|------------|-------------------|
| 1-4-58 | TD-5895'                                                | Plugged and abandoned. |          |      |            |                   |
|        | 0-50'; 1030-1130'; 1950'-2050'; 2850'-2950'; 5500-5600' |                        |          |      |            |                   |
|        | marker set.                                             |                        |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 5895 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 |
|----|------------------|----|

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. \_\_\_\_\_

## EMPLOYEES

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

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                                    |
|-------|------|------------|----------------------------------------------------------------------------------------------|
| 0     | 1080 | 1080       | Interbedded sandstone and shale.                                                             |
| 1080  | 1195 | 115        | Ojo Alamo ss. White cr-gr sand.                                                              |
| 1195  | 1997 | 802        | Fruitland form. Gry carb sh, scattered coals, coals & gry, tight, fine gr ss.                |
| 1997  | 2284 | 287        | Pictured Cliffs form. Gry, fine-gr tight, varicolored soft ss.                               |
| 2284  | 2888 | 604        | Lewis form. Gry to white dense sh. w/silty to shaly ss breaks.                               |
| 2888  | 4446 | 1558       | Mesa Verde form. Gry, fine-gr. dense silty ss, carb. sh & coal.                              |
| 4446  | 4642 | 196        | Point Lookout form. Gry, very fine silty ss w/frequent sh. breaks.                           |
| 4642  | 5538 | 896        | Mancos form. Gry. carb. sh.                                                                  |
| 5538  | 5895 | 357        | Gallup form. Lt. gry to brn calc carb micac glauco very fine gry ss w/irreg. interbedded sh. |

Tops are from Electric Logs  
and Radioactivity Logs.

# LOG OF OIL OR GAS WELL

**HISTORY OF OIL OR GAS WELL**

**MUDDING AND CEMENTING RECORD**

| Adapters—Material  | Heaving plug—Material | Length | Depth set |
|--------------------|-----------------------|--------|-----------|
| PLUGS AND ADAPTERS |                       |        |           |

## SHOOTING RECORD

|                                                                                        |            |
|----------------------------------------------------------------------------------------|------------|
| Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet | TOOLS USED |
|----------------------------------------------------------------------------------------|------------|

TOOL 2 USED

| DATES   |               | Cable tools were used from |               | Rotary tools were used from |               |
|---------|---------------|----------------------------|---------------|-----------------------------|---------------|
| feet to | feet and from | feet to                    | feet and from | feet to                     | feet and from |
| feet to | feet and from | feet to                    | feet and from | feet to                     | feet and from |

**DATE**

|                                                        |       |       |       |
|--------------------------------------------------------|-------|-------|-------|
| The production for the first 24 hours was              | _____ | _____ | _____ |
| _____ barrels of fluid of which _____ % was oil; _____ | _____ | _____ | _____ |
| Put to producing                                       | _____ | _____ | _____ |

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| EMPLOYEES                               |       |
|-----------------------------------------|-------|
| Rock pressure lbs per sq in.            | ..... |
| If gas <i>new</i> , cu ft per 24 hours  | ..... |
| Gallons gasoline per 1,000 cu ft of gas | ..... |

**EMPLOYEES**

|        |        |  |  |
|--------|--------|--|--|
| Driver | Driver |  |  |
| Driver | Driver |  |  |

FORMATION RECORD

| FORMATION | TOTAL FEET | TO-  | FROM- |
|-----------|------------|------|-------|
| 1. ...    | 100        | 100  | 0     |
| 2. ...    | 100        | 200  | 100   |
| 3. ...    | 100        | 300  | 200   |
| 4. ...    | 100        | 400  | 300   |
| 5. ...    | 100        | 500  | 400   |
| 6. ...    | 100        | 600  | 500   |
| 7. ...    | 100        | 700  | 600   |
| 8. ...    | 100        | 800  | 700   |
| 9. ...    | 100        | 900  | 800   |
| 10. ...   | 100        | 1000 | 900   |

**FORMATION RECORD—Continued**

\_\_\_\_\_

UNITED STATES

U. S. GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR

# LOG OF OIL OR GAS WELL

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 \_\_\_\_\_

Location \_\_\_\_\_ ft. \_\_\_\_\_ of \_\_\_\_\_ and \_\_\_\_\_ ft. \_\_\_\_\_ of \_\_\_\_\_ line of \_\_\_\_\_ Elevation \_\_\_\_\_

Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ N. \_\_\_\_\_ E. \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Lessor or Tract \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Original signed by: JOSEPH E. KREGER

Commenced drilling \_\_\_\_\_ Finished drilling \_\_\_\_\_  
 The summary on this page is for the condition of the well at above date.  
 Date \_\_\_\_\_ Title of location \_\_\_\_\_

NO LONGER TO BE USED

| QTY   | DESCRIPTION | UNIT                                             | PRICE | TOTAL  |
|-------|-------------|--------------------------------------------------|-------|--------|
| 1)    | 5500-5600   | 38 sacks regular cement                          | 10.00 | 380.00 |
| 2)    | 2850-2950   | 38 sacks regular cement                          | 10.00 | 380.00 |
| 3)    | 1950-2050   | 38 sacks regular cement                          | 10.00 | 380.00 |
| 4)    | 1030-1130   | 38 sacks regular cement                          | 10.00 | 380.00 |
| 5)    | 0 - 50      | 15 sacks regular cement plus 3% C&G <sup>2</sup> | 10.00 | 150.00 |
| Total |             |                                                  |       |        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |        |            |       |         |              |                     |      |    |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|------------|-------|---------|--------------|---------------------|------|----|----------|
| 1-4-58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Case No. | Weight | Thrust bar | Males | Amounts | Kind of shoe | Out and pulled from | From | To | Purposes |
| <p>It is of the greatest importance to have a complete history of the well. Please state in detail the dates of feeding, 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 "blacked," 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 pipes or bridge were put in to test for water, state kind of material used, position, and results of pumping or pulling.</p> |          |        |            |       |         |              |                     |      |    |          |
| <p><b>The following cement plugs were set:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |        |            |       |         |              |                     |      |    |          |

**HISTORY OF OIL OR GAS WELL**

**MUDDING AND CEMENTING RECORD**

| Casting size | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|--------------|-----------|------------------------|-------------|-------------|--------------------|
|              | 1         |                        |             |             |                    |
|              |           |                        |             |             |                    |
|              |           |                        |             |             |                    |
|              |           |                        |             |             |                    |

| Adapters—Material  | Heavy plug—Material | Length | Depth set |
|--------------------|---------------------|--------|-----------|
| PLUGS AND ADAPTERS |                     |        |           |

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
| 1-80 | 7-60       | 7-60           | 100      | 1911 | 100        | 100               |
| 1-80 | 7-60       | 7-60           | 100      | 1911 | 100        | 100               |

TOOL 2 USED

| DATES   |               | Cable tools were used from |               | Rotary tools were used from |               |
|---------|---------------|----------------------------|---------------|-----------------------------|---------------|
| feet to | feet and from | feet to                    | feet and from | feet to                     | feet and from |
| feet to | feet and from | feet to                    | feet and from | feet to                     | feet and from |

**DATE**

|                                                        |       |       |       |
|--------------------------------------------------------|-------|-------|-------|
| The production for the first 24 hours was              | _____ | _____ | _____ |
| _____ barrels of fluid of which _____ % was oil; _____ | _____ | _____ | _____ |
| Put to producing                                       | _____ | _____ | _____ |

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| EMPLOYEES | Rock pressure lbs per sq in. | If gas <i>new</i> , cu ft per 24 hours | Gallons gasoline per 1,000 cu ft of gas |
|-----------|------------------------------|----------------------------------------|-----------------------------------------|
|           |                              |                                        |                                         |

**EMPLOYEES**

|        |        |  |  |
|--------|--------|--|--|
| Driver | Driver |  |  |
| Driver | Driver |  |  |

FORMATION RECORD

| FORMATION | TOTAL FEET | TO-  | FROM- |
|-----------|------------|------|-------|
| 1. ...    | 100        | 100  | 0     |
| 2. ...    | 100        | 200  | 100   |
| 3. ...    | 100        | 300  | 200   |
| 4. ...    | 100        | 400  | 300   |
| 5. ...    | 100        | 500  | 400   |
| 6. ...    | 100        | 600  | 500   |
| 7. ...    | 100        | 700  | 600   |
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**FORMATION RECORD—Continued**