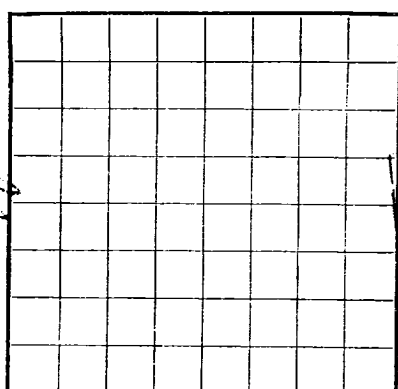


U. S. LAND OFFICE .....  
 SERIAL NUMBER **NE 02330-A** .....  
 LEASE OR PERMIT TO PROSPECT .....



RECEIVED UNITED STATES  
DEPARTMENT OF THE INTERIOR  
SEP - 5 1960 GEOLOGICAL SURVEY 1960  
U. S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO  
LOG OF OIL OR GAS WELL

# LOG OF OIL OR GAS WELL

**LOCATE WELL CORRECTLY**

Company M. G. Peters Drilling Co. Address Box 902 Roswell, New Mexico  
 Lessor or Tract Kelly-Pedernal Field Coyote State New Mexico  
 Well No. 1 Sec. 20 T. 11S R. 27E Meridian N.M.P. County Chaves  
 Location 330 ft. SE of A Line and 2310 ft. EW of W Line of Sec. 20 Elevation 3696  
 (Derive from plat)

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 W. Dale Nichols

Date 6-3-60 Title Geologist

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

Commenced drilling -----7-4-----, 19-59      Finished drilling -----8-1-----, 19-59

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $\mathcal{G}$ )

No. 1, from 735 to 800 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 ~~None~~ 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—        |         |
| 9.5         | 8               | API              | 329  | Pilot  | 0            | 74.6                | 800        | Production |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 4 1/2"      | 829       | 150 (Circulated)       | Plug        |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material Cement Length 30 Depth set 830-860  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| <b>Size</b> | <b>Shell used</b> | <b>Explosive used</b> | <b>Quantity</b> | <b>Date</b> | <b>Depth shot</b> | <b>Depth cleaned out</b> |
|-------------|-------------------|-----------------------|-----------------|-------------|-------------------|--------------------------|
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |

## TOOLS USED

Rotary tools were used from 0 feet to 1800 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 3 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 21.25

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

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

## EMPLOYEES

|               |         |  |         |
|---------------|---------|--|---------|
| Brady, J. R.  | Driller |  | Driller |
| Barnes, H. B. | Driller |  | Driller |

# FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                   |
|-------|------|------------|-----------------------------|
| 0     | 68   | 68         | Caliche, anhydrite & gyp    |
| 68    | 172  | 104        | Red & gray sand & shale     |
| 172   | 418  | 236        | Salt & anhydrite            |
| 418   | 438  | 20         | Red shaly sand              |
| 438   | 579  | 141        | Salt w/ anhydrite stringers |
| 579   | 616  | 37         | Red & gray shaly sand.      |
| 616   | 680  | 64         | Anhydrite w/ salt & shale   |
| 680   | 733  | 53         | Red shale & sand            |
| 733   | 804  | 71         | Gray sand                   |
| 804   | 1120 | 316        | Red sand & shaly sand       |
| 1120  | 1800 | 680        | Dolomite w/anhydrite        |
|       |      |            | Yates — 58'                 |
|       |      |            | Queen — 580'                |
|       |      |            | Perrine — 680'              |
|       |      |            | San Andres — 1120'          |

[OVER]

[OVER]  
MILITARY RECORD-COMPLING

16-48094-4

## 1976

[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 "stair-stepped" 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

7-15