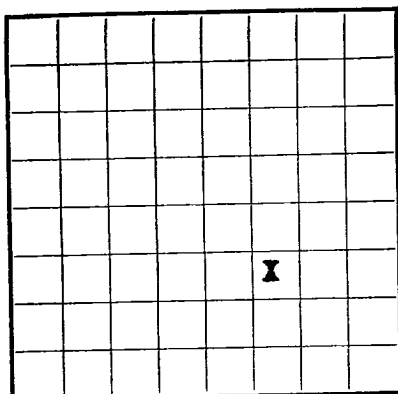




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa FeSERIAL NUMBER SF 080473

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company John A. Egan Address Box 208, Farmington, New Mexico  
Lessor or Tract Gardner Field Pinalake State New Mexico  
Well No. 1 Sec. 29 T. 26N R. 2W Meridian NMPM County Rio Arriba  
Location 1850 ft. N of S Line and 1800 ft. W of E Line of Sec. 29 Elevation 7492  
(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 John A. Egan  
Date November 29, 1960 Title Owner

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

Commenced drilling November 2, 1960 Finished drilling November 11, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3836 to 3905 (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       | 21              | 8                | CPI  | 92     |              |                     |            |      |            |
| 4 1/2       | 9.5             | 8                | IS   | 9936   | Howe Guide   |                     | 3856       | 3863 |            |
|             |                 |                  |      |        |              |                     | 3869       | 3877 | Production |
|             |                 |                  |      |        |              |                     | 3881       | 3885 |            |
|             |                 |                  |      |        |              |                     | 3891       | 3903 |            |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 102       | 50                     |             |             |                    |
| 4 1/2       | 3946      | 150                    | 1-Plug      |             |                    |

## 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 3951 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Comp. 12-19-60, 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 1.594 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1035

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION             |
|-------|------|------------|-----------------------|
| 0     | 200  | 200        | Sand and Shale        |
| 200   | 360  | 160        | Shale and Sand        |
| 360   | 1000 | 640        | Sand and Shale        |
| 1000  | 1080 | 80         | Shale                 |
| 1080  | 1600 | 520        | Sand and Shale        |
| 1600  | 1770 | 170        | Sand                  |
| 1770  | 1830 | 60         | Sand and Shale        |
| 1830  | 1900 | 70         | Shale                 |
| 1900  | 2020 | 120        | Sand and Shale        |
| 2020  | 2080 | 60         | Shale                 |
| 2080  | 2150 | 70         | Sand                  |
| 2150  | 2200 | 50         | Sand and Shale        |
| 2200  | 2570 | 370        | Shale                 |
| 2570  | 2590 | 20         | Sand                  |
| 2590  | 2730 | 140        | Shale                 |
| 2730  | 3500 | 770        | Shale and Sand        |
| 3500  | 3612 | 112        | Sand                  |
| 3612  | 3780 | 168        | Shale and Sand        |
| 3780  | 3836 | 56         | Coal, Sand and Shale  |
| 3836  | 3905 | 69         | Sand, Shale Stringers |
| 3905  | 3951 | 46         | Shale                 |

Electric Log

OJO ALAMO 3500

KIRTLAND 3612

PICTURED CLIFFS 3836

16-48094-4

REF ID: A69106

Spud Nov. 2, 1960. Cemented 8 5/8" casing @ 1021' with 50 sacks Nov. 3, 1960.  
Drilled 7 7/8" hole to total dept 3951 Nov. 11, 1960  
Cemented 7 7/8" casing at 3946 w/ 50 sacks Nov. 11, 1960  
Perforated 3856-63, 3869-77, 3881-85 & 3891-3903 Nov. 17, 1960.  
Fracture treated w/ 40,000 # sand and 40,000 gallon water Nov. 17, 1960.  
Breakdown press 1500 psi. treating press 1500-1900 psi.  
Injection rate 40 BPM. Ran 1 1/2 tubing to 3919 Nov. 15, 1960.  
Shutted well in Nov. 27, 1960.

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 pigs 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

U. S. GOVERNMENT PRINTING OFFICE

[illegible]