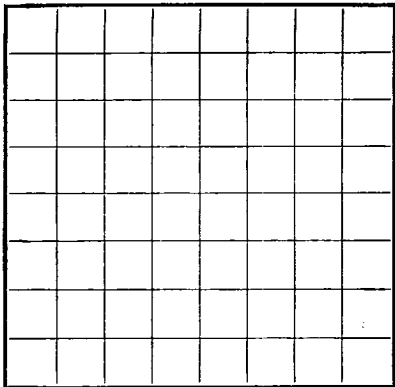


Budget Bureau No. 42-R355.4.  
Approval expires 12-31-60.

U. S. LAND OFFICE **New Mexico**  
SERIAL NUMBER **NM-03331-A**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **John H. Trigg Company** Address **P. O. Box 520 Roswell, New Mexico**  
Lessor or Tract **Federal Petro-Atlas** Field **Wildcat** State **New Mexico**  
Well No. **1-33** Sec. **33** T. **30N** R. **16W** Meridian **N.M.P.M.** County **San Juan**  
Location **710** ft. **[N.]** of **8** Line and **330** ft. **[E.]** of **2** Line of **Sec. 33** Elevation **5433**  
(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 \_\_\_\_\_

Date **October 30, 1961** Title **Geologist**

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

Commenced drilling **August 7**, 19**61** Finished drilling **August 16**, 19**61**

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

No. 1, from **3578** to **3600** 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— |                           |
| <b>8 5/8</b> | <b>244</b>      |                  | <b>J-55</b> | <b>165</b>  | <b>Thomas Pattern</b>     |                     |            |     | <b>Surface Production</b> |
| <b>4 1/2</b> | <b>18.5</b>     |                  | <b>J-55</b> | <b>3449</b> | <b>Regular Guide Shoe</b> |                     |            |     |                           |
|              |                 |                  |             |             |                           |                     |            |     |                           |
|              |                 |                  |             |             |                           |                     |            |     |                           |
|              |                 |                  |             |             |                           |                     |            |     |                           |
|              |                 |                  |             |             |                           |                     |            |     |                           |

MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|-------------|-------------|--------------------|
| <b>8 5/8</b> | <b>165</b>  | <b>100</b>             | <b>Pump</b> |             |                    |
| <b>4 1/2</b> | <b>3449</b> | <b>150</b>             | <b>Pump</b> |             |                    |
|              |             |                        |             |             |                    |
|              |             |                        |             |             |                    |
|              |             |                        |             |             |                    |

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 **0** feet to **3449** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

**November 2**, 19**61** Put to producing **October 14**, 19**61**

The production for the first 24 hours was **16** barrels of fluid of which **75** % was oil; \_\_\_\_\_ % emulsion; **25** % water; and \_\_\_\_\_ % sediment.

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

EMPLOYEES

**Century Drilling Co.**, Driller \_\_\_\_\_, Driller \_\_\_\_\_  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller \_\_\_\_\_

FORMATION RECORD

| FROM—       | TO—                  | TOTAL FEET  | FORMATION             |
|-------------|----------------------|-------------|-----------------------|
| <b>0</b>    | <b>150</b>           | <b>150</b>  | <b>Boulders</b>       |
| <b>150</b>  | <b>1960</b>          | <b>1810</b> | <b>Sand and shale</b> |
| <b>1960</b> | <b>1980</b>          | <b>20</b>   | <b>Coal</b>           |
| <b>1980</b> | <b>2260</b>          | <b>280</b>  | <b>Sand</b>           |
| <b>2260</b> | <b>3270</b>          | <b>1010</b> | <b>Shale</b>          |
| <b>3270</b> | <b>3565</b>          | <b>295</b>  | <b>Silt and shale</b> |
| <b>3565</b> | <b>3613</b>          | <b>48</b>   | <b>Sand</b>           |
| <b>3613</b> | <b>3649</b>          | <b>36</b>   | <b>Shale</b>          |
|             | <b>Log Tops</b>      |             |                       |
|             | <b>Point Lookout</b> | <b>1980</b> |                       |
|             | <b>Gallup</b>        | <b>3270</b> |                       |
|             | <b>Gallup Sand</b>   | <b>3565</b> |                       |

**FORMATION RECORD—Continued**

[illegible]

## 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 "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 balling.