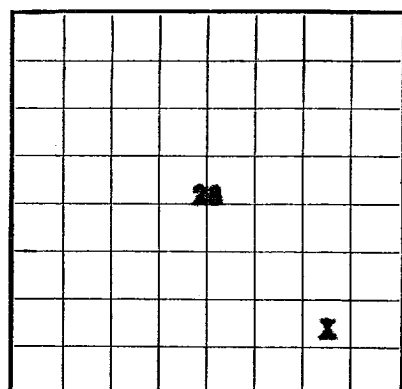


U. S. LAND OFFICE \_\_\_\_\_  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT **154**  
**CONTRACT**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



## LOCATE WELL CORRECTLY

Company The Ohio Oil Company Address Box 120, Casper, Wyoming  
Lessor or Tract Jicarilla Field So. Blanco PC State New Mexico  
Well No. 2 Sec. 36 T. 26N. R. 5W Meridian \_\_\_\_\_ County Rio Arriba  
Location 990 ft. N. of S Line and 990 ft. W. of E Line of Sec. 36 Elevation 6670

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 February 12, 1956

Title Division Production Sunt.

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

Commenced drilling November 8 1955 Finished drilling December 1 1955

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from **3066** to **3171 (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. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casting | Weight per foot | Threads per inch | Make | Amount  | Kind of shoe | Cut and pulled from | Perforated |     | Purpose    |
|--------------|-----------------|------------------|------|---------|--------------|---------------------|------------|-----|------------|
|              |                 |                  |      |         |              |                     | From—      | To— |            |
| 10-3/4       | 32.75           | 8rd              |      | 155.27  | Guide        |                     |            |     | Surface    |
| 7            | 20              | 8rd              |      | 3671.44 | Pilot        |                     |            |     | Production |
|              |                 |                  |      | 9.04    | CH           |                     |            |     |            |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10-3/4      | 169       | 125                    |             |             |                    |
| 7           | 3070      | 100                    |             |             |                    |

## 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 3171 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 1,335,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. ----- 975

## EMPLOYEES

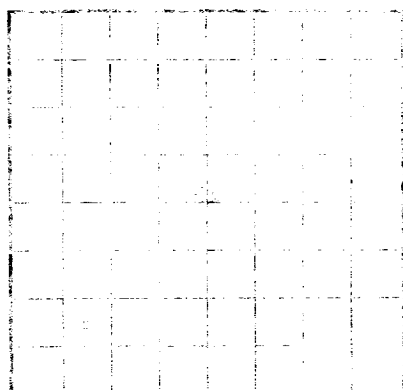
\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET                                                                                                                                     | FORMATION                         |
|-------|-----|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
|       |     |                                                                                                                                                | <u>SCHUMBERGER FORMATION TOPS</u> |
|       |     | Kirtland - 2706                                                                                                                                |                                   |
|       |     | Fruitland - 2888                                                                                                                               |                                   |
|       |     | Pictured Cliffs - 3066                                                                                                                         |                                   |
|       |     |                                                                                                                                                | <u>SAND-FRACING OPERATIONS</u>    |
|       |     | Sand fraced from 3070-3171 with 45000# sand<br>and 30,400 gallons water. Breakdown pressure 2500#.<br>Average injection rate 40½ Hbls./Minute. |                                   |

LOG OF OIL OR GAS WELL

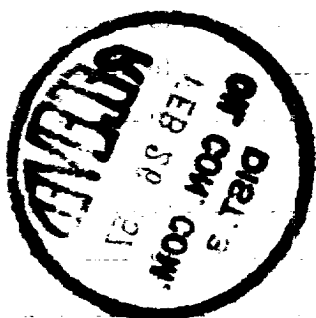
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



Locality: \_\_\_\_\_  
County: \_\_\_\_\_  
State: \_\_\_\_\_  
Section: \_\_\_\_\_  
Twp. \_\_\_\_\_  
Range: \_\_\_\_\_  
The following given number is a complete and correct record of the well and all work done thereon so far as is determined from all available records.  
Signed \_\_\_\_\_

This information is submitted for the purpose of being placed on file for the use of the Geological Survey.  
The name of the party for the location of the well is \_\_\_\_\_  
Is more or less than \_\_\_\_\_  
Is more or less than \_\_\_\_\_

LOG OF THE WELLS ON CORNER



IMPORT AND EXPORT RECORD

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 bailing.

HISTORY OF OIL OR GAS WELL

ADAPTER—Material

| FROM—                         | TO—      | TOTAL FEET | FORMATION |
|-------------------------------|----------|------------|-----------|
| ADAPTERS—Material             |          |            |           |
| Flowing plug—Material         |          |            |           |
| SHOOTING RECORD               |          |            |           |
| Shot                          | Depth    | Quantity   | Time      |
| PLUGS AND ADAPTERS            |          |            |           |
| MATERIAL AND COMPONENT RECORD |          |            |           |
| Material                      | Quantity | Time       | Depth     |