

U. S. LAND OFFICE **Santa Fe** \_\_\_\_\_  
 SERIAL NUMBER \_\_\_\_\_  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**14-20-603-734**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

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 R. P. Curry  
Date 11-10-58 Title Dist. Clerk

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

Commenced drilling 10-24-58, 19\_\_\_\_ Finished drilling 10-31-58, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 1320 to 1350 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1436 to 1465 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 casing | Weight per foot | Threads per inch | Make     | Amount | Kind of shoe | Cut and pulled from | Perforated |      | Purpose    |
|-------------|-----------------|------------------|----------|--------|--------------|---------------------|------------|------|------------|
|             |                 |                  |          |        |              |                     | From—      | To—  |            |
| 8 5/8       | 24#             | 8rd              | Big Mill | 93.50  |              |                     |            |      | Surface    |
| 5 1/2       | 15#             | 8rd              | Big Mill | 101.00 |              |                     | 1321       | 1340 | Oil string |
|             |                 |                  |          |        |              | 1436                | 1464       |      |            |

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 101.50    | 125                    | pump-plug   | 8.8         |                    |
| 5 1/2       | 1510      | 135                    | pump-plug   | 9.0         |                    |
|             |           |                        |             |             |                    |

## 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 1515 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

11-10-58 19 Put to producing 11-5 19 58

The production for the first 24 hours was 131.70 barrels of fluid of which 100 % was oil; 0 % emulsion;      % water; and      % sediment. Gravity, °Bé. 41.0

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

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

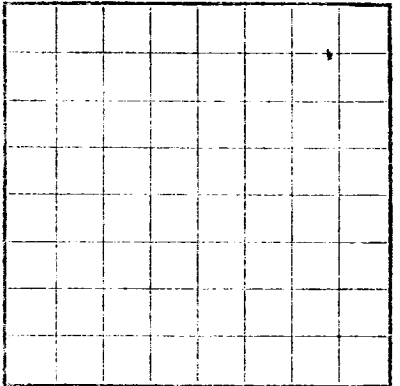
## EMPLOYEES

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

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

## FORMATION RECORD

| FROM-                                                                                                                                                                                              | TO-  | TOTAL FEET | FORMATION   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|-------------|
| 0                                                                                                                                                                                                  | 1290 |            | Mancos      |
| 1290                                                                                                                                                                                               | 1465 |            | Gallup      |
| 1465                                                                                                                                                                                               |      |            | Juana Lopez |
| <p><b>First fracture treatment</b><br/> Treated perforations 1436-1464 with 10,000 gals lease crude and 12,000# 10/20 sand. Average treating pressure 1000# and average injection rate 42 BPM.</p> |      |            |             |
| <p><b>Second Fracture Treatment</b><br/> Treated perforations 1321-1349 with 10,000 gals lease crude and 12,000# 10/20 sand. Average treating pressure 900# and average injection rate 38 BPM</p>  |      |            |             |



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Geological Survey  
Bureau of Land Management  
Washington, D.C.  
20500

Company, The Atlantic Refining Co.  
Lessor or Trust (Name)  
Well No. 6  
Location 600 ft. from line and 100 ft. from line  
The information given herewith is a complete and correct record of the well and all work done thereon  
as far as can be determined from all available records.  
Signed \_\_\_\_\_  
Title Chief Clerk

Date 11-10-58  
The summary on this page is for the condition of the well at above date.  
Commenced drilling 10-24-58  
Finished drilling 10-31-58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1320 to 1350  
No. 2, from 1350 to 1385  
No. 3, from 1385 to 1400

IMPORTANT WATER SANDS

No. 1, from 1400 to 1410  
No. 2, from 1410 to 1420

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 added, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of charges. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or running. Purpose of work.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

| Casing size | Weight of mud | Amount of cement | Method used | Mud grade | Amount of mud used |
|-------------|---------------|------------------|-------------|-----------|--------------------|
| 8 1/8       | 101.5         | 1.5              | Grout pump  | 8.8       |                    |
| 5 1/8       | 121.0         | 1.5              | Grout pump  | 8.8       |                    |

PLUGS AND ADAPTERS

Heaving plug—Material  
Adapters—Material

SHOOTING RECORD

| Size | Shot used | Explosive used | Quantity | Date | Bottom shot | Depth cleaned out |
|------|-----------|----------------|----------|------|-------------|-------------------|
|      |           |                |          |      |             |                   |
|      |           |                |          |      |             |                   |
|      |           |                |          |      |             |                   |
|      |           |                |          |      |             |                   |

TOOLS USED

Rotary tools were used from 100 feet to 1315 feet and from 1315 feet to 1400 feet.  
Cable tools were used from 1315 feet to 1400 feet and from 1400 feet to 1420 feet.

DATES

11-1-58 to 11-1-58 Put to producing  
The production for the first 24 hours was 127.70 barrels of fluid of which 100.98 was oil and 26.72 was water and 1.72 sediment.  
If gas well, oil ft. per 24 hours  
Rock pressure, lbs. per sq. in.

EMPLOYEES

Diller  
Diller

FORMATION RECORD

| FROM | TO   | FORMATION |
|------|------|-----------|
| 1400 | 1425 | Gravel    |
| 1425 | 1450 | Gravel    |
| 1450 | 1475 | Gravel    |

First fracture treatment  
Treated perforations 1450-1475 with 10,000 gals. lease crude and 12,000 gal. 10/30  
Average fracturing pressure 1000 and average injection rate 42 Bbl.

Second fracture treatment  
Treated perforations 1475-1490 with 10,000 gals. lease crude and 12,000 gal. 10/30  
Average fracturing pressure 900 and average injection rate 38 Bbl.