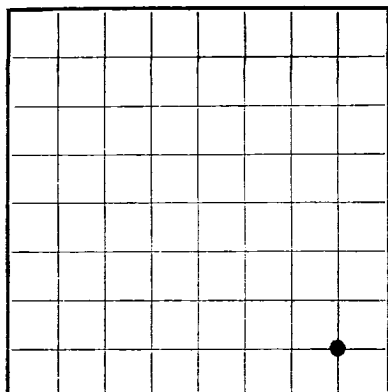


U. S. LAND OFFICE Dulce  
SERIAL NUMBER Cont. #11 Tract #X  
LEASE OR PERMIT TO PROSPECT #19

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



## LOCATE WELL CORRECTLY

## LOG OF OIL OR GAS WELL

Company Amerada Petroleum Corporation Address Box 535 Farmington, New Mexico  
Lessor or Tract Jicarilla Apache "6" Field Otero Picture Cliff State New Mexico  
Well No. 8 Sec. 30 T 24-N R. 5-W Meridian NMPM County Rio Arriba  
Location 990 ft. [N] of S Line and 990 ft. [W] of E Line of Sec. 30 Elevation 6538 D.F.

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.G. Smith W.G. Smith

Date July 10, 1956 Title Foreman

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

Commenced drilling 6-11-56, 1956 Finished drilling 6-14-56, 1956

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 2085 to 2096 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2139 to 2145 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       | 24              | 8-R              | Nat'l Tube | 218    | Guide        |                     |            |    |         |
| 5-1/2       | 15.5            | 8-R              | CR&I       | 2185   | Float        |                     |            |    |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 218'      | 125                    | HOWCO       |             |                    |
| 5-1/2       | 2185'     | 200                    | "           |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 |
|-------------------|-------------------------|--------------------------------|----------|------|------------|-------------------|
| Perforated 5-1/2" | casing from 2085-2096"; | 2133-2145 W/132 type F bullets |          |      |            |                   |
|                   |                         |                                |          |      |            |                   |
|                   |                         |                                |          |      |            |                   |
|                   |                         |                                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 2185 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## DATES

----- **July 10, 1956** -----, 19----- Put to producing ----- **June 28, 1956** -----, 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 ~~2,724,000~~ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 720#

## EMPLOYEES

| EMPLOYEES              |           | - Empire States Drilling Company |           |
|------------------------|-----------|----------------------------------|-----------|
| <del>H.D. Adkins</del> | , Driller | <del>Grady Sisson</del>          | , Driller |
| <b>M.O. Ebersold</b>   | , Driller |                                  | , Driller |

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                |
|-------|------|------------|--------------------------|
| 0     | 223  | 223        | Sand                     |
| 223   | 1716 | 1493       | Shale                    |
| 1716  | 2185 | 469        | Sand & Shale             |
|       |      |            | <u>SCHLUMBERGER TOPS</u> |
|       |      |            | Ojo Alamo 1546           |
|       |      |            | Kirtland-Fruitland 1705  |
|       |      |            | Pictured Cliff 2083      |
|       |      |            | Lewis 2158               |

[OVER]

16-43094-4

