

95-1-1007 UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico  
 Lessor or Tract H.M. Dow "B" Field Grayburg-Jackson State New Mexico  
 Well No. 24 Sec. 21 T. 17S R. 31E Meridian NMPM County Eddy  
 Location 720 ft. N. of S Line and 1980 ft. E of E Line of Sec. 21 Elevation 3806' D.F.  
 (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 ER Deitz

Date September 20, 1957 Title District Superintendant

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

Commenced drilling July 20....., 1957 Finished drilling August 24....., 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 3333' to 3405'      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

[illegible]

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 663'      | 150                    | Halliburton |             |                    |
| 7           | 3333'     | 250                    | Halliburton |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

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

Cable tools were used from 0 feet to 3405 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

....., 19..... Put to producing August 31....., 1957

The production for the first 24 hours was 34.7 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 38.6°

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

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

## EMPLOYEES

----- **Mr. Jones** -----, Driller -----, Driller  
-----, Driller -----, Driller

## FORMATION RECORD

| FROM-- | TO--  | TOTAL FEET | FORMATION            |
|--------|-------|------------|----------------------|
| 0'     | 370'  | 370'       | Redbed               |
| 370'   | 550'  | 180'       | Redbed & Anhydrite   |
| 550'   | 1518' | 968'       | Salt                 |
| 1518'  | 1672' | 154'       | Anhydrite & Dolomite |
| 1672'  | 1900' | 228'       | Sand & Anhydrite     |
| 1900'  | 2373' | 473'       | Dolomite & Anhydrite |
| 2373'  | 3180' | 807'       | Sand & Anhydrite     |
| 3180'  | 3405' | 225'       | Dolomite & Sand      |

GEOGRAPHICAL TOPS BY FRONTIER'S ELECTRIC LOG

| Geographical Name   | Top of Section |
|---------------------|----------------|
| Top of Anhydrite at | 370'           |
| Top of Salt at      | 550'           |
| Base of Salt at     | 1518'          |
| Top of Yates at     | 1672'          |
| Top of 7-Rivers at  | 2045'          |
| Top of Queen at     | 2644'          |
| Top of Penrose at   | 2816'          |
| Top of Grayburg at  | 3048'          |
| Top of Premier at   | 3346'          |

110W 140 210 280 350 420

## HISTORY OF OIL OR GAS WELL

18-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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FORMATION RECORD-Continued