

[illegible]

**RECEIVED**  
OCT 22 1963  
OIL CON. COM.  
DIST. 3  
DEF

U. S. LAND OFFICE New Mexico  
SERIAL NUMBER N.M. 067537-A  
LEASE OR PERMIT TO PROSPECT WTW.  
Holmes-Federal

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

OCT 21 1963

# LOG OF OIL OR GAS WELL

### LOCATE WELL CORRECTLY

Company ----- W. W. HOLMES ----- Address BOX 567, AMARILLO, TEXAS -----  
 Lessor or Tract ----- Field Wildcat ----- State New Mexico -----  
 Well No. 1 ----- Sec. 29 ----- T. 17N ----- R. 4 W Meridian N.M.P.M. ----- County Sandoval -----  
 Location 565 ft. N of S Line and 1020 ft. EX of W Line of Section 29 ----- Elevation N.K. -----

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 18, 1963~~

Title ~~Asst to the General Manager~~

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

Commenced drilling June 27, 19 63 Finished drilling June 27, 19 63

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 97 to 99      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

[illegible]

## PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

**Adapters—Material**..... **Size**.....

## SHOOTING RECORD

| <b>Size</b> | <b>Shell used</b> | <b>Explosive used</b> | <b>Quantity</b> | <b>Date</b> | <b>Depth shot</b> | <b>Depth cleaned out</b> |
|-------------|-------------------|-----------------------|-----------------|-------------|-------------------|--------------------------|
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |

## TOOLS USED

Rotary tools were used from ~~Surface~~ feet to ~~104~~ 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 \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

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

EMPLOYEES

## EMPLOYEES

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

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

## FORMATION RECORD

| FROM— | TO—   | TOTAL FEET | FORMATION        |
|-------|-------|------------|------------------|
| 0     | 10    | 10         | Dry Surface Sand |
| 10    | 24    | 14         | Shale (Gray)     |
| 24    | 55    | 26         | Shale & Sand     |
| 55    | 62    | 7          | Sand             |
| 62    | 96    | 34         | Shale & Sand     |
| 96    | 103   | 7          | Sand             |
| 103   | 104   | 1          | Shale            |
| DEPTH | DEPTH | TOTAL FEET | FORMATION        |

**[OVER]**

FORMATION RECORD--CONTINUED

16-48094-4

[illegible]

10-10-68

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

THE NEW YORK PUBLIC LIBRARY

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 \_\_\_\_\_

Witness \_\_\_\_\_

\_\_\_\_\_  
 (Company Name and Address as for the)

Elevation \_\_\_\_\_

\_\_\_\_\_  
 of the \_\_\_\_\_ line of \_\_\_\_\_

\_\_\_\_\_  
 West No. \_\_\_\_\_

\_\_\_\_\_  
 Town of \_\_\_\_\_

\_\_\_\_\_  
 State of \_\_\_\_\_

\_\_\_\_\_  
 Adjoining \_\_\_\_\_

The summary on this page is not a substitute for the condition of the wall at above date

Commoned drilling ..... 19  
 finished drilling ..... 19

NO ZONES OR BANDS OF SAND

(b)  $\text{nd} \rightarrow \text{stns}(Q)$

|            |    |                         |    |
|------------|----|-------------------------|----|
| No. 8 from | to | No. 6 from              | to |
| No. 7 from | to | No. 5 from              | to |
| No. 4 from | to | No. 4 <sup>1</sup> from | to |

IMPORTANT WATER SANDS

No. 1 form \_\_\_\_\_ to \_\_\_\_\_ No. 2 form \_\_\_\_\_  
 No. 3 form \_\_\_\_\_ to \_\_\_\_\_ No. 4 form \_\_\_\_\_

ORDER 04-200

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of peddling, 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.**

16-48084-2 U. S. GOVERNMENT PRINTING OFFICE

MIDDLETOWN AND CEMENTING RECORD

| Case No. | Case Name | Case Type    | Case Status    | Case Date    | Case Time    | Case Location    | Case Description    |
|----------|-----------|--------------|----------------|--------------|--------------|------------------|---------------------|
| 1        | Case 1    | Case 1 Type  | Case 1 Status  | Case 1 Date  | Case 1 Time  | Case 1 Location  | Case 1 Description  |
| 2        | Case 2    | Case 2 Type  | Case 2 Status  | Case 2 Date  | Case 2 Time  | Case 2 Location  | Case 2 Description  |
| 3        | Case 3    | Case 3 Type  | Case 3 Status  | Case 3 Date  | Case 3 Time  | Case 3 Location  | Case 3 Description  |
| 4        | Case 4    | Case 4 Type  | Case 4 Status  | Case 4 Date  | Case 4 Time  | Case 4 Location  | Case 4 Description  |
| 5        | Case 5    | Case 5 Type  | Case 5 Status  | Case 5 Date  | Case 5 Time  | Case 5 Location  | Case 5 Description  |
| 6        | Case 6    | Case 6 Type  | Case 6 Status  | Case 6 Date  | Case 6 Time  | Case 6 Location  | Case 6 Description  |
| 7        | Case 7    | Case 7 Type  | Case 7 Status  | Case 7 Date  | Case 7 Time  | Case 7 Location  | Case 7 Description  |
| 8        | Case 8    | Case 8 Type  | Case 8 Status  | Case 8 Date  | Case 8 Time  | Case 8 Location  | Case 8 Description  |
| 9        | Case 9    | Case 9 Type  | Case 9 Status  | Case 9 Date  | Case 9 Time  | Case 9 Location  | Case 9 Description  |
| 10       | Case 10   | Case 10 Type | Case 10 Status | Case 10 Date | Case 10 Time | Case 10 Location | Case 10 Description |

PLUGS AND ADAPTERS

| Ugaving plug-Valerian | Length | Depth |
|-----------------------|--------|-------|
| .....                 | .....  | ..... |

|                        |    |
|------------------------|----|
| Adapters - 1/2" x 1/4" | 10 |
|------------------------|----|

# SHOOTING RECORD

[illegible]

2100 2320

|         |               |         |               |         |               |
|---------|---------------|---------|---------------|---------|---------------|
| test to | test and from | test to | test and from | test to | test and from |
| test to | test and from | test to | test and from | test to | test and from |

WATER

|    |                 |    |
|----|-----------------|----|
| 10 | Put to proofing | 10 |
|----|-----------------|----|

The production for the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_ % was oil.

| Temperature | Rate of reaction | Rate of reaction | Rate of reaction |
|-------------|------------------|------------------|------------------|
| 40°C        | 0.001            | 0.001            | 0.001            |

Callisto

EMPLOYEES

\_\_\_\_\_

Driller \_\_\_\_\_

FORMATION RECORD

[illegible]