

U. S. LAND OFFICE ..... Mexico

SERIAL NUMBER 4579

LEASE OR PERMIT TO PROSPECT

**Jernings**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

**LOCATE WELL CORRECTLY**

Company S. H. Brock Address Box 125

Lessor or Tract 1. New Line Address Box 123, Artesia, New Mexico  
Field Wildcat State New Mexico

Well No. 1 Sec. 1 T. 25 R. 24 Meridian County Addy

Location 505 ft. ~~ft.~~ {S.} of ----- Line and 505 ft. ~~ft.~~ {E.} of ----- Line of Sec. 10 Elevation 3370  
The information given herewith: (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 15/ E. N. Cook

Date March 10, 1968 Signed J. J. J. J. J.  
Title Operator

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

Commenced drilling July 26, 1942, 1942 Finished drilling Sept. 2, 1942, 1942

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 11:0 to 11:5:11 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 2077 to 2071 341 No. 5, from to

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

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

[illegible]

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

[illegible]

## TOOLS USED

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

Cable tools were used from 0 feet to 21.1 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Sept. 5, 1951 Put to producing \_\_\_\_\_ 19

The production for the first 24 hours was 17 barrels of fluid of which 1.00 % 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

....., Driller  
....., Driller

FORMATION RECORD

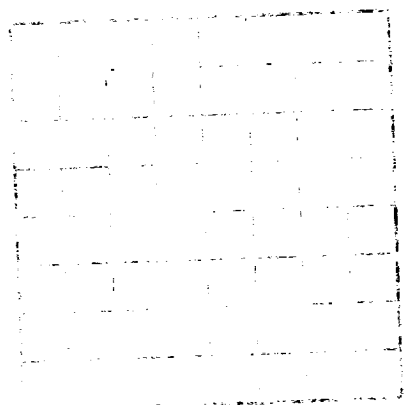
## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION           |
|-------|------|------------|---------------------|
| 0     | 70   |            | Hard Caliche        |
| 70    | 75   |            | Anhydrite & shale   |
| 75    | 125  |            | White Clay & shale  |
| 125   | 135  |            | Red clay            |
| 135   | 150  |            | Anhydrite & shale   |
| 150   | 215  |            | Anhydrite           |
| 215   | 290  |            | Hard Blue shale     |
| 290   | 315  |            | Black shale         |
| 315   | 325  |            | Blue shale          |
| 325   | 475  |            | White lime          |
| 475   | 530  |            | Anhydrite & lime    |
| 530   | 560  |            | Anhydrite           |
| 560   | 665  |            | White Anhydrite     |
| 665   | 670  |            | shale & anhy.       |
| 670   | 705  |            | Brown anhydrite     |
| 705   | 710  |            | Sandy Gray lime     |
| 710   | 730  |            | Anhy. & lime        |
| 730   | 740  |            | Broken lime         |
| 740   | 750  |            | anhy.               |
| 750   | 755  |            | gray anhy.          |
| 755   | 835  |            | anhy. & lime        |
| 835   | 870  |            | Gray anhy.          |
| 870   | 905  |            | anhy. & lime        |
| 905   | 970  |            | anhy. & shale       |
| 970   | 1035 |            | anhy. & lime        |
| 1035  | 1070 |            | lime                |
| 1070  | 1120 |            | lime, shale & anhy. |
| 1120  | 1135 |            | anhydrite           |
| 1135  | 1145 |            | lime                |

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C.

# LOG OF OIL OR GAS WELL



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 "welded" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

NAME OF WELL  
LOCATION  
COUNTY  
STATE  
DATE OF LOG  
LOGGED BY

## HISTORY OF OIL OR GAS WELL

| FROM | TO   | TOTAL FEET                    | FORMATION         |
|------|------|-------------------------------|-------------------|
| 1175 | 1180 | 5                             | Anhydrite & Lime  |
| 1160 | 1175 | 15                            | Anhydrite & Shale |
| 1175 | 1195 | 20                            | Anhydrite & Salt  |
| 1195 | 1250 | 55                            | Salt              |
| 1250 | 1265 | 15                            | Salt & Shale      |
| 1265 | 1270 | 5                             | Gray Anhydrite    |
| 1270 | 1275 | 5                             | Salt & Shale      |
| 1275 | 1285 | 10                            | Salt              |
| 1285 | 1295 | 10                            | Base Salt         |
| 1295 | 1370 | 75                            | Anhydrite         |
| 1370 | 1455 | 85                            | Hard Lime         |
| 1455 | 1470 | 15                            | Brown Lime        |
| 1470 | 1498 | 28                            | Black Lime        |
| 1498 | 1508 | 10                            | Oil Sand          |
| 1508 | 2171 | 663                           | Sand              |
| 2171 |      | Total Depth Int. & Abandoned. |                   |