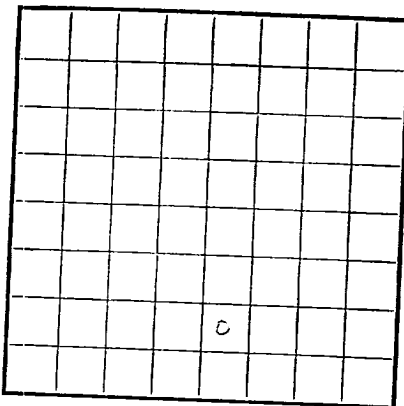




LOCATE WELL CORRECTLY

RECEIVED  
DEC 10 1959U. S. DEPARTMENT OF THE INTERIOR  
ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE

SERIAL NUMBER LC 029389 (a)

LEASE OR PERMIT TO PROSPECT

RECEIVED  
DEC 14 1959D. G. C.  
ARTESIA, OFFICE

## LOG OF OIL OR GAS WELL

Company PAUL E. HASKINS

Address 801 First National Bank Bldg.

Lessor or Tract

Field N. Shugart

State New Mexico

Well No. 1-Edw. Sec. 9 T. 18S R. 31E Meridian

NMPM

County Eddy

Location 390 ft. [N.] of [S.] Line and 2310 ft. [W.] of [E.] Line of Section 9 Elevation 3697 GL  
(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 Paul E. Haskins

Date Dec. 8, 1959

Title Owner

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

Commenced drilling 9/15, 1959 Finished drilling 11/15, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

|                          |                |
|--------------------------|----------------|
| No. 1, from 3235 to 3250 | No. 4, from to |
| No. 2, from 3912 to 3924 | No. 5, from to |
| No. 3, from 3960 to 3982 | 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                      | 244             | 8                | 827  | 827    | Texas        | 3964                | 3964       | 3974 | Surface |
| 5 1/2                      | 164             | 8                | 4022 | 4022   | Baker        | 3964                | 3964       | 3974 | Surface |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |        |              |                     |            |      |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 827       | 75                     | Pump trucks |             |                    |
| 5 1/2       | 4022      | 171                    | pump trucks |             |                    |

## 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 4022 feet, and from feet to feet

## DATES

11/27, 1959 Put to producing 12/1, 1959  
The production for the first 24 hours was 50 barrels of fluid of which 70% was oil; 5% emulsion; 0% water; and 0% 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

W. R. High, Driller Harvey Simpson, Driller  
M. F. Willis, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION               |
|-------|------|------------|-------------------------|
| 0     | 95   | 95         | Red sandy shale         |
| 95    | 125  | 30         | Sand                    |
| 125   | 155  | 30         | Shale                   |
| 155   | 280  | 125        | Sand                    |
| 280   | 450  | 170        | Sandy Shale             |
| 450   | 590  | 140        | R Shale                 |
| 590   | 650  | 60         | Anhydrite               |
| 650   | 710  | 60         | Lime                    |
| 710   | 720  | 10         | Anhydrite               |
| 720   | 745  | 25         | Shale & lime, anhydrite |
| 745   | 754  | 9          | Sandy lime              |
| 754   | 822  | 78         | Shale & Anhydrite       |
| 822   | 1845 | 1023       | Salt & Anhydrite        |
| 1845  | 1880 | 35         | Anhydrite               |
| 1880  | 1895 | 15         | Conglomerate            |
| 1885  | 1955 | 70         | Anhydrite               |
| 1955  | 2050 | 95         | Lime & anhydrite        |
| 2050  | 2055 | 5          | Shale                   |
| 2055  | 2125 | 70         | Anhydrite & Shale       |
| 2125  | 2135 | 10         | Sand                    |
| 2135  | 2300 | 165        | Shale & Anhydrite       |
| 2300  | 2315 | 15         | Anhydrite               |
| 2315  | 2433 | 118        | Shale & Anhydrite       |

FORMATION RECORD—CONTINUED

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 "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

U. S. GOVERNMENT PRINTING OFFICE 10-43094-2

| FORMATION         | TOTAL FEET | TO-     | FROM- |
|-------------------|------------|---------|-------|
| Sand              | 8          | 2441    | 2433  |
| Anhydrite         | 22         | 2463    | 2441  |
| Shale & Anhydrite | 17         | 2480    | 2463  |
| Lime & Anhydrite  | 115        | 2595    | 2480  |
| Lime              | 30         | 2625    | 2595  |
| Lime & Anhydrite  | 65         | 2690    | 2625  |
| Lime              | 115        | 2805    | 2690  |
| Lime & Anhydrite  | 35         | 2840    | 2805  |
| Lime              | 175        | 3015    | 2840  |
| Lime & Anhydrite  | 85         | 3100    | 3015  |
| Lime              | 25         | 3125    | 3100  |
| Lime & Anhydrite  | 90         | 3215    | 3125  |
| Red Sand          | 10         | 3225    | 3215  |
| Brown sand        | 25         | 3250    | 3225  |
| Lime              | 15         | 3265    | 3250  |
| Lime & Anhydrite  | 70         | 3335    | 3265  |
| Sand              | 23         | 3358    | 3335  |
| Lime & Anhydrite  | 111        | 3469    | 3358  |
| Sand              | 9          | 3478    | 3469  |
| Lime              | 25         | 3513    | 3478  |
| Lime & Anhydrite  | 61         | 3574    | 3513  |
| Sand & Anhydrite  | 78         | 3652    | 3574  |
| Lime              | 53         | 3705    | 3652  |
| Sand & Anhydrite  | 30         | 3735    | 3705  |
| Lime              | 133        | 3878    | 3735  |
| Sand              | 46         | 3924    | 3878  |
| Lime              | 33         | 3957    | 3924  |
| Sand              | 25         | 3982    | 3957  |
| Brown Lime        | 40         | 4022 TD | 3982  |

FORMATION RECORD—Continued