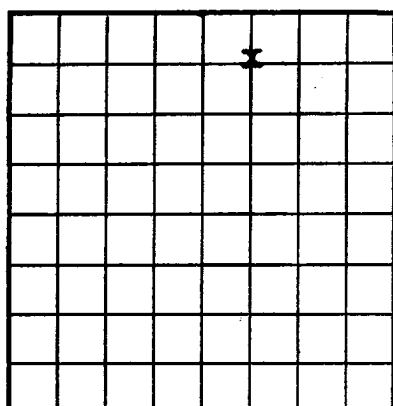


Las Cruces  
U. S. LAND OFFICE  
SERIAL NUMBER 028992 B  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ROLAND RICH WOOLLEY Address Box 398, Loco Hills  
Lessor or Tract Roland Rich Woolley Field Premier State New Mexico  
Well No. 5-B Sec. 27 T. 17 R. 30 Meridian N.M.P.M. County Eddy  
Location 660 ft. {N.} of N Line and 1980 ft. {E.} of E Line of Sec. 27 Elevation 3622'  
(Deriv. Elev. 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 L. P. Bruse

Date \_\_\_\_\_

Title Superintendent

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

Commenced drilling July 27, 1943 Finished drilling October 3, 1943

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3134' to 3144' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3159' to 3175' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 397' 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— |         |
| <u>8 1/2"</u>              | <u>24 1/2</u>   | <u>8</u>         | <u>used</u> | <u>450'</u> | <u>plain</u> |                     |            |     |         |
| 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 |
|---------------|--------------|------------------------|--------------------|-------------|--------------------|
| <u>8 1/2"</u> | <u>450'</u>  | <u>275</u>             | <u>Halliburton</u> |             | <u>5 ton</u>       |
| <u>7"</u>     | <u>2971'</u> | <u>100</u>             | <u>"</u>           |             | <u>2 "</u>         |

## 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 |
|---------------|------------|------------------|----------------|-------------|------------------|-------------------|
| <u>3 1/2"</u> | <u>5"</u>  | <u>Glycerine</u> | <u>130 qts</u> | <u>10/3</u> | <u>3143'-85'</u> | <u>bottom</u>     |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 3190 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing October 3, 1943

The production for the first 24 hours was 150 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 38

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

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

## EMPLOYEES

Willard Beaty, Driller H. R. Keller, Driller  
M. K. Clark, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—              | TO—  | TOTAL FEET | FORMATION                   |
|--------------------|------|------------|-----------------------------|
| 0                  | 10   | 10         | Red sand                    |
| 10                 | 20   | 10         | Caliche                     |
| 20                 | 50   | 30         | Red beds and gyp            |
| 50                 | 185  | 135        | " " and shale               |
| 185                | 300  | 115        | " "                         |
| 300                | 380  | 80         | Anhydrite                   |
| 380                | 415  | 25         | Red bed and gyp shells      |
| 415                | 440  | 25         | " "                         |
| 440                | 1220 | 780        | Salt                        |
| 1220               | 1997 | 777        | Anhydrite                   |
| 1997               | 2015 | 18         | " and brown lime            |
| 2015               | 2385 | 330        | <del>XXXXXX</del> Anhydrite |
| 2385               | 2411 | 26         | Red sand                    |
| 2411               | 2550 | 139        | Anhydrite                   |
| 2550               | 2585 | 35         | Lime                        |
| 2585               | 2635 | 50         | Anhydrite                   |
| 2635               | 2650 | 15         | Lime                        |
| 2650               | 2835 | 185        | Anhydrite                   |
| 2835               | 3144 | 309        | Lime                        |
| 3144               | 3181 | 37         | " and sand                  |
| 3181               | 3190 | 9          | " pink                      |
| 3190               | T.D. |            |                             |
| Electric log 3182' |      |            |                             |

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)

16-43094-2

FORMATION RECORD—CONTINUED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

STATE WELL CORRECTLY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

| OIL OR GAS SANDS OR ZONES |    | [Denote gas by G] |    |
|---------------------------|----|-------------------|----|
| No. 1, from               | to | 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. 3, from       | to |
| No. 2, from               | to | No. 4, from       | to |

CASTING RECORD

| Weight<br>per foot | Trade<br>name | Make | Amount | Kind of stone | Cut and pulled from | From<br>To | Quarried |
|--------------------|---------------|------|--------|---------------|---------------------|------------|----------|
|--------------------|---------------|------|--------|---------------|---------------------|------------|----------|

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 "backpacked" 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 piers 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

| MIDDLETOWN AND CEMENTING RECORD |           |        |         |         |
|---------------------------------|-----------|--------|---------|---------|
| DATE                            | NUMBER OF | OFFICE | ADDRESS | REMARKS |
| 1911                            | 1         | 1      | 1       | 1       |
| 1912                            | 1         | 1      | 1       | 1       |
| 1913                            | 1         | 1      | 1       | 1       |
| 1914                            | 1         | 1      | 1       | 1       |
| 1915                            | 1         | 1      | 1       | 1       |
| 1916                            | 1         | 1      | 1       | 1       |
| 1917                            | 1         | 1      | 1       | 1       |
| 1918                            | 1         | 1      | 1       | 1       |
| 1919                            | 1         | 1      | 1       | 1       |
| 1920                            | 1         | 1      | 1       | 1       |
| 1921                            | 1         | 1      | 1       | 1       |
| 1922                            | 1         | 1      | 1       | 1       |
| 1923                            | 1         | 1      | 1       | 1       |
| 1924                            | 1         | 1      | 1       | 1       |
| 1925                            | 1         | 1      | 1       | 1       |
| 1926                            | 1         | 1      | 1       | 1       |
| 1927                            | 1         | 1      | 1       | 1       |
| 1928                            | 1         | 1      | 1       | 1       |
| 1929                            | 1         | 1      | 1       | 1       |
| 1930                            | 1         | 1      | 1       | 1       |
| 1931                            | 1         | 1      | 1       | 1       |
| 1932                            | 1         | 1      | 1       | 1       |
| 1933                            | 1         | 1      | 1       | 1       |
| 1934                            | 1         | 1      | 1       | 1       |
| 1935                            | 1         | 1      | 1       | 1       |
| 1936                            | 1         | 1      | 1       | 1       |
| 1937                            | 1         | 1      | 1       | 1       |
| 1938                            | 1         | 1      | 1       | 1       |
| 1939                            | 1         | 1      | 1       | 1       |
| 1940                            | 1         | 1      | 1       | 1       |
| 1941                            | 1         | 1      | 1       | 1       |
| 1942                            | 1         | 1      | 1       | 1       |
| 1943                            | 1         | 1      | 1       | 1       |
| 1944                            | 1         | 1      | 1       | 1       |
| 1945                            | 1         | 1      | 1       | 1       |
| 1946                            | 1         | 1      | 1       | 1       |
| 1947                            | 1         | 1      | 1       | 1       |
| 1948                            | 1         | 1      | 1       | 1       |
| 1949                            | 1         | 1      | 1       | 1       |
| 1950                            | 1         | 1      | 1       | 1       |
| 1951                            | 1         | 1      | 1       | 1       |
| 1952                            | 1         | 1      | 1       | 1       |
| 1953                            | 1         | 1      | 1       | 1       |
| 1954                            | 1         | 1      | 1       | 1       |
| 1955                            | 1         | 1      | 1       | 1       |
| 1956                            | 1         | 1      | 1       | 1       |
| 1957                            | 1         | 1      | 1       | 1       |
| 1958                            | 1         | 1      | 1       | 1       |
| 1959                            | 1         | 1      | 1       | 1       |
| 1960                            | 1         | 1      | 1       | 1       |
| 1961                            | 1         | 1      | 1       | 1       |
| 1962                            | 1         | 1      | 1       | 1       |
| 1963                            | 1         | 1      | 1       | 1       |
| 1964                            | 1         | 1      | 1       | 1       |
| 1965                            | 1         | 1      | 1       | 1       |
| 1966                            | 1         | 1      | 1       | 1       |
| 1967                            | 1         | 1      | 1       | 1       |
| 1968                            | 1         | 1      | 1       | 1       |
| 1969                            | 1         | 1      | 1       | 1       |
| 1970                            | 1         | 1      | 1       | 1       |
| 1971                            | 1         | 1      | 1       | 1       |
| 1972                            | 1         | 1      | 1       | 1       |
| 1973                            | 1         | 1      | 1       | 1       |
| 1974                            | 1         | 1      | 1       | 1       |
| 1975                            | 1         | 1      | 1       | 1       |
| 1976                            | 1         | 1      | 1       | 1       |
| 1977                            | 1         | 1      | 1       | 1       |
| 1978                            | 1         | 1      | 1       | 1       |
| 1979                            | 1         | 1      | 1       | 1       |
| 1980                            | 1         | 1      | 1       | 1       |
| 1981                            | 1         | 1      | 1       | 1       |
| 1982                            | 1         | 1      | 1       | 1       |
| 1983                            | 1         | 1      | 1       | 1       |
| 1984                            | 1         | 1      | 1       | 1       |
| 1985                            | 1         | 1      | 1       | 1       |
| 1986                            | 1         | 1      | 1       | 1       |
| 1987                            | 1         | 1      | 1       | 1       |
| 1988                            | 1         | 1      | 1       | 1       |
| 1989                            | 1         | 1      | 1       | 1       |
| 1990                            | 1         | 1      | 1       | 1       |
| 1991                            | 1         | 1      | 1       | 1       |
| 1992                            | 1         | 1      | 1       | 1       |
| 1993                            | 1         | 1      | 1       | 1       |
| 1994                            | 1         | 1      | 1       | 1       |
| 1995                            | 1         | 1      | 1       | 1       |
| 1996                            | 1         | 1      | 1       | 1       |
| 1997                            | 1         | 1      | 1       | 1       |
| 1998                            | 1         | 1      | 1       | 1       |
| 1999                            | 1         | 1      | 1       | 1       |
| 2000                            | 1         | 1      |         |         |

# PRICE AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATE

|                                                             |                                                                                   |                  |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|
| Gallons assailing per 1,000 cu. ft. of gas<br>Gravity, °Bé. | The production for the first 24 hours was<br>barrels of fluid of which % was oil; | Put to producing |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|

EMPLOYEES

|         |  |  |  |
|---------|--|--|--|
| Driller |  |  |  |
| Driller |  |  |  |

FORMATION RECORD

[illegible]