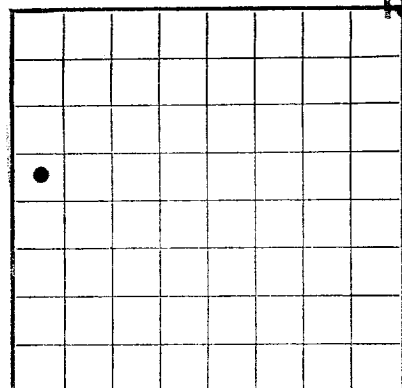


Form 9-330



LOCATE WELL CORRECTLY

RECEIVED

JAN 20 1963

O. S. C.  
ARTESIA OFFICEUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYU. S. LAND OFFICE New Mexico  
SERIAL NUMBER LC 068712  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

## LOG OF OIL OR GAS WELL

RECEIVED  
JAN 29 1963  
S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

Company Ernest A. Hanson & Harold Kersey Address P. O. Box 1515, Roswell, N. Mex.  
Lessor or Tract H. & K. Federal Field Red Lake State New Mexico  
Well No. 1 Sec. 14 T. 17S R. 28E Meridian N.M.P.M. County Eddy  
Location 2310 ft. N. of N. Line and 330 ft. E. of W. Line of Sec. 14 Elevation 3718  
(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 Harry F. Schramm Title Geologist, E. A. HansonDate January 15, 1963

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

Commenced drilling October 11, 1962 Finished drilling November 11, 1962

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 950 to 962 G No. 4, from 1740 to 1750  
No. 2, from 1015 to 1025 No. 5, from 2020 to 2035  
No. 3, from 1675 to 1685 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 190 to 195 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2173 to 2179 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>10</u>    |                 | <u>8R</u>        |      | <u>232</u>  | <u>Cellar</u> | <u>232</u>          |             |             | <u>Cave</u>  |
| <u>8-5/8</u> |                 | <u>8R</u>        |      | <u>499</u>  | <u>Float</u>  |                     |             |             | <u>Water</u> |
| <u>5-1/2</u> |                 | <u>8R</u>        |      | <u>2096</u> | <u>Float</u>  |                     | <u>1724</u> | <u>2034</u> | <u>Prod.</u> |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used            | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|------------------------|-------------|--------------------|
| <u>10</u>    | <u>232</u>  | <u>None</u>            |                        |             |                    |
| <u>8-5/8</u> | <u>499</u>  | <u>50</u>              | <u>Pump &amp; plug</u> |             |                    |
| <u>5-1/2</u> | <u>2096</u> | <u>100</u>             | <u>Pump &amp; plug</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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 2179 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing January 15, 1963

The production for the first 24 hours was 10 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours 54,400 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 540

## EMPLOYEES

\_\_\_\_\_, Driller Kersey & Co.  
\_\_\_\_\_, Driller Artesia, New Mexico  
\_\_\_\_\_, Driller \_\_\_\_\_

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                           |
|-------------|-------------|------------|-------------------------------------|
| <u>0</u>    | <u>35</u>   | <u>35</u>  | <u>Sand &amp; gravel</u>            |
| <u>35</u>   | <u>100</u>  | <u>65</u>  | <u>Gravel &amp; red beds</u>        |
| <u>100</u>  | <u>165</u>  | <u>65</u>  | <u>Red rock &amp; sand</u>          |
| <u>165</u>  | <u>190</u>  | <u>25</u>  | <u>Sandy red beds</u>               |
| <u>190</u>  | <u>195</u>  | <u>5</u>   | <u>Gray lime - water @ 190-195'</u> |
| <u>195</u>  | <u>200</u>  | <u>5</u>   | <u>Red beds</u>                     |
| <u>200</u>  | <u>330</u>  | <u>130</u> | <u>Red beds &amp; gypsum</u>        |
| <u>330</u>  | <u>345</u>  | <u>15</u>  | <u>Anhydrite</u>                    |
| <u>345</u>  | <u>370</u>  | <u>25</u>  | <u>Sand &amp; anhydrite</u>         |
| <u>370</u>  | <u>485</u>  | <u>115</u> | <u>Salt</u>                         |
| <u>485</u>  | <u>505</u>  | <u>20</u>  | <u>Anhydrite</u>                    |
| <u>505</u>  | <u>640</u>  | <u>135</u> | <u>Anhydrite &amp; salt</u>         |
| <u>640</u>  | <u>930</u>  | <u>290</u> | <u>Anhydrite &amp; shale</u>        |
| <u>930</u>  | <u>950</u>  | <u>20</u>  | <u>Anhydrite</u>                    |
| <u>950</u>  | <u>1015</u> | <u>65</u>  | <u>Broken lime &amp; anhydrite</u>  |
| <u>1015</u> | <u>1100</u> | <u>85</u>  | <u>Lime &amp; anhydrite</u>         |
| <u>1100</u> | <u>1235</u> | <u>135</u> | <u>Anhydrite &amp; lime</u>         |
| <u>1235</u> | <u>1300</u> | <u>65</u>  | <u>Red rock &amp; anhydrite</u>     |
| <u>1300</u> | <u>1320</u> | <u>20</u>  | <u>Salt</u>                         |
| <u>1320</u> | <u>1440</u> | <u>120</u> | <u>Anhydrite &amp; lime</u>         |
| <u>1440</u> | <u>1465</u> | <u>25</u>  | <u>Anhydrite &amp; shale</u>        |
| <u>1465</u> | <u>1490</u> | <u>25</u>  | <u>Red sand &amp; gravel</u>        |
| <u>1490</u> | <u>1625</u> | <u>135</u> | <u>Lime &amp; anhydrite</u>         |
| <u>1625</u> | <u>1665</u> | <u>40</u>  | <u>Anhydrite &amp; red sand</u>     |
| <u>1665</u> | <u>1700</u> | <u>35</u>  | <u>Broken brown lime &amp; sand</u> |
| <u>1700</u> | <u>1740</u> | <u>40</u>  | <u>Anhydrite &amp; red sand</u>     |

FORMATION RECORD - CONTINUED