

Approval expires 12-31-66.

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

ATES

THE INTERIOR

SURVEY

RECEIVED

NOV 26 1962

U. S. GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

## LOCATE WELL CORRECTLY

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

Commenced drilling 9/6/62, 19\_\_\_\_ Finished drilling 11/10/62, 19\_\_\_\_

(Denote gas by G)

No. 1, from 3762 to 3778 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

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

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

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

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from    | Perforated |     | Purpose |
|-------------|-----------------|------------------|------|--------|--------------|------------------------|------------|-----|---------|
|             |                 |                  |      |        |              |                        | From—      | To— |         |
| 8-5/8       |                 |                  |      | 768    | DRY          | and casing of diameter |            |     | SURFAC  |
| 5-1/2       |                 |                  |      | 3808   |              | and casing of diameter | 5762-5798  |     | PRODUC  |

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 763       | 110                    | DENTON      |             |                    |
| 5-1/2       | 3808      | 125                    | DENTON      |             |                    |

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

[illegible]

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 3829 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

11/23/62, 1962 Put to producing Nov. 18th, 1962

The production for the first 24 hours was 200 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours 400,000 Gallons gasoline per 1,000 cu. ft. of gas 10

Rock pressure, lbs. per sq. in. 10200

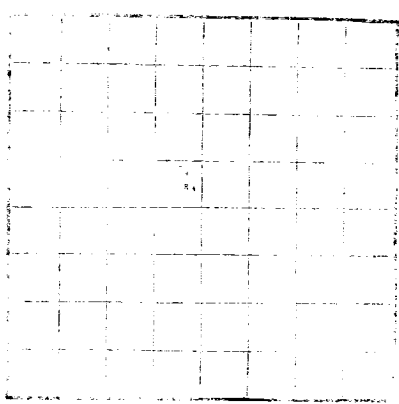
O. M. JOHNSON, Driller L. H. GRAY, Driller

[illegible]

LOG. APPROX. 10000000. STATE  
AT THE END OF LOG. THE ROLLER'S  
WHETHER THE ROLLER'S

RECEIVED  
NOV 30 1901  
U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL



County of \_\_\_\_\_ State of \_\_\_\_\_  
Name of land owner \_\_\_\_\_  
Name of lessee \_\_\_\_\_  
Name of operator \_\_\_\_\_  
The information given herein is a complete and correct record of the well and all work done thereon.  
Signed \_\_\_\_\_  
The company on this page is for the company of the well at \_\_\_\_\_

Oil or gas found or none \_\_\_\_\_  
Date of first discovery \_\_\_\_\_  
Date of first production \_\_\_\_\_  
Date of last production \_\_\_\_\_  
Date of abandonment \_\_\_\_\_  
Name of water source \_\_\_\_\_  
Name of water user \_\_\_\_\_

Casing record  
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. All plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

| FROM- | TO- | TOTAL FEET | FORMATION             |
|-------|-----|------------|-----------------------|
|       |     | 507        | Redbeds & shale       |
|       |     | 740        | ANY                   |
|       |     | 1825       | SALT                  |
|       |     | 2490       | ANY                   |
|       |     | 2625       | ANY & lime            |
|       |     | 3165       | lime                  |
|       |     | 3197       | RED SAND              |
|       |     | 3395       | lime                  |
|       |     | 3420       | SAND                  |
|       |     | 3442       | lime                  |
|       |     | 3475       | lime & sand           |
|       |     | 3485       | SAND                  |
|       |     | 3494       | lime                  |
|       |     | 3594       | SAND                  |
|       |     | 3619       | lime & sand           |
|       |     | 3640       | SAND                  |
|       |     | 3719       | lime                  |
|       |     | 3746       | lime & sand           |
|       |     | 3761       | SAND                  |
|       |     | 3768       | lime                  |
|       |     | 3785       | SAND                  |
|       |     | 3829       | lime - l.d. FORMATION |
|       |     |            | EMERGENCY             |
|       |     |            | Top of ANY            |
|       |     |            | Top of salt           |
|       |     |            | Base of salt          |
|       |     |            | Top of layers         |
|       |     |            | Top of green          |
|       |     |            | Top of Pennsylvanian  |
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|       |     |            | Top of Devonian       |
|       |     |            | Top of Permian        |
|       |     |            | Top of Carboniferous  |
|       |     |            | Top of Silurian       |
|       |     |            | Top of Ordovician     |
|       |     |            | Top of Cambrian       |
|       |     |            | Top of Devonian       |
|       |     |            | Top of Permian        |
|       |     |            | Top of Carboniferous  |
|       |     |            | Top of Silurian       |
|       |     |            | Top of Ordovician     |
|       |     |            | Top of Cambrian       |
|       |     |            | Top of Devonian       |
|       |     |            | Top of Permian        |
|       |     |            | Top of Carboniferous  |
|       |     |            | Top of Silurian       |
|       |     |            | Top of Ordovician     |
|       |     |            | Top of Cambrian       |
|       |     |            | Top of Devonian       |
|       |     |            | Top of Permian        |
|       |     |            | Top of Carboniferous  |
|       |     |            | Top of Silurian       |
|       |     |            | Top of Ordovician     |
|       |     |            | Top of Cambrian       |
|       |     |            | Top of Devonian       |