

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Yates Petroleum Corporation Address 309 Carper Building, Artesia, N. Mex.  
Lessor or Tract Yates Federal Field Wildcat State New Mexico  
Well No. 1 S. 25 T. 188 R. 25E Meridian N.M.P.M. County Eddy  
Location 2310 ft. N. of W Line and 660 ft. E. of W Line of Section 25 Elevation 3465  
(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.

Date December 18, 1962 Signed R. W. Landenberg Jr. Title Company Geologist

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

Commenced drilling January 13, 1961 Finished drilling March 24, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1380 to 1492 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2165 to 2185 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 860 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— |                |
| 10"                        | 100             | 50               | Halliburton | 100    |              |                     |            |     | Water Shut off |
| 7"                         | 1065            | 200              | Halliburton | 1065   |              |                     |            |     | Water Shut off |
| 4 1/2"                     | 2248            | 130              | Halliburton | 2248   |              |                     |            |     | Production     |
| 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 |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10"         | 100       | 50                     | Halliburton |             |                    |
| 7"          | 1065      | 200                    | Halliburton |             |                    |
| 4 1/2"      | 2248      | 130                    | Halliburton |             |                    |

## 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 |
|--------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| Perf. 5 shots, 1 each at 1382.5, 1383.5, 1388.5, 1389.5 and 1392.5 w/ .52 inch crack-jets. Treated w/180 B crude oil and 5000# sand. |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 1443 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 1443 feet to 2323 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

December 18, 1962 Put to producing December 16, 1962

The production for the first 24 hours was 38 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. 34°

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

Rock pressure, lbs. per sq. in. TP 160# CP 260#

## EMPLOYEES

Garzer, Driller Jacobs, Driller  
Burkhard, Driller Blackledge, Driller  
Giddens, Driller Emerson, Driller

## FORMATION RECORD

| FROM—                        | TO—  | TOTAL FEET | FORMATION                                                                            |
|------------------------------|------|------------|--------------------------------------------------------------------------------------|
| No returns for 100' to 1100' |      |            |                                                                                      |
| 1100                         | 1443 | 343'       | At the end of complete driller's log, add geologic time state whether porous or not. |
| 1443                         | 1633 | 190        | Dolomite w/some chert                                                                |
| 1633                         | 1965 | 332        | Dolomite                                                                             |
| 1965                         | 1974 | 9          | Dolomite w/some sand                                                                 |
| 1974                         | 2035 | 61         | Dolomite                                                                             |
| 2035                         | 2153 | 18         | Dolomite & Sand                                                                      |
| 2153                         | 2230 | 77         | Dolomite                                                                             |
| 2230                         | 2254 | 24         | Dolomite & Sand                                                                      |
| 2254                         | 2323 | 69         | Dolomite                                                                             |
| ELECTRIC LOG TOPS:           |      |            |                                                                                      |
| San Andres                   | 641  |            |                                                                                      |
| San Andres "A" Zone          | 1278 |            |                                                                                      |
| San Andres "B" Zone          | 1316 |            |                                                                                      |
| San Andres "C" Zone          | 1380 |            |                                                                                      |
| Glorieta                     | 2060 |            |                                                                                      |
| Yeso                         | 2160 |            |                                                                                      |

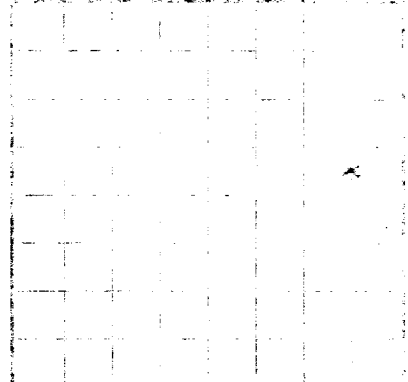
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DEC 24 1962

O. C. C.  
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
UNITED STATES



Address \_\_\_\_\_  
Field \_\_\_\_\_  
County \_\_\_\_\_  
State \_\_\_\_\_  
Elevation \_\_\_\_\_  
Section \_\_\_\_\_  
Twp \_\_\_\_\_  
R. \_\_\_\_\_  
M. \_\_\_\_\_  
W. \_\_\_\_\_  
The information given here is a complete and correct record of the well and all work done thereon.  
Signed \_\_\_\_\_  
Title \_\_\_\_\_

The following is a complete and correct record of the well and all work done thereon.  
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OIL OR GAS SANDS OR ZONES

(Indicate by (D))  
No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
No. 4 from \_\_\_\_\_ to \_\_\_\_\_  
No. 5 from \_\_\_\_\_ to \_\_\_\_\_  
No. 6 from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
No. 4 from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, reworking, or other work done on the well, and the reasons therefor. If there were any changes made in the casing, state fully, and if any casing was "backtracked" 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 pulling.

HISTORY OF OIL OR GAS WELL

| FROM— |  | TO— |  | TOTAL FEET |  | FORMATION |  |
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