

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

|                        |   |
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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

|                                                                         |
|-------------------------------------------------------------------------|
| 3a. Indicate Type of Lease                                              |
| State <input checked="" type="checkbox"/> Free <input type="checkbox"/> |
| 3. State Oil & Gas Lease No.                                            |
| LG 679                                                                  |

a. TYPE OF WELL BqmOIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

FEB 2 1982

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐O. C. D.  
ARTESIA, OFFICE

c. Name of Operator

Yates Petroleum Corporation

d. Address of Operator

207 South 4th St., Artesia, NM 88210

e. Location of Well

f. NEUTER LETTER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM

g. East LINE OF SEC. 16 TWP. 8S RGL. 25E N. 100M

|                                |
|--------------------------------|
| 7. Well Agreement Name         |
| 8. Farm or Lease Name          |
| Rook RK State                  |
| 9. Well No.                    |
| 1                              |
| 10. Field and Pool, or Wildcat |
| Und. Abo                       |
| 12. County                     |
| Chaves                         |

h. Date Spudded 12-3-81 16. Date T.D. Reached 12-19-81 17. Date Compl. (Ready to Prod.) 2-1-82 18. Elevations (D.F., RKB, RT, GR, etc.) 3647.8' GR 19. Elev. Casingheadi. Total Depth 4375' 21. Plug Back T.D. 4317' 22. If Multiple Compl., How Many 0-4375' 23. Intervenor Drilled By Rotary Tools Cable Tools

j. Producing Interval(s), or the completion - Top, Bottom, Name

3678-3985' Abo

25. Was Directional Survey Made

No

k. Type Electric and Other Logs Run

CNL/FDC;DLL

27. Was Well Cored

No

## C. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 20"         |                | 40'       | 24"       | 3 yds Ready Mix  |               |
| 10-3/4"     | 40.5#          | 1029'     | 14-3/4"   | 700              |               |
| 4-1/2"      | 9.5#           | 4375'     | 7-7/8"    | 350              |               |

## D. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 3892'     |            |

## E. Perforation Record (Interval, size and number)

3678-3985' w/14 .40" holes

## F. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                                                               |
|----------------|---------------------------------------------------------------------------------------------|
| 3678-3985'     | w/1250 g. acid plus ball sealers, SF w/40000 g. gel KCL wtr, 10000 g. CO2, 80000# 20/40 sd. |

## G. PRODUCTION

|                                                            |                                                                        |                                   |
|------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------|
| 1. First Production                                        | 2. Production Method (Flowing, gas lift, pumping - Size and type pump) | 3. Well Status (Prod. or Shut-in) |
| 2-1-82                                                     | Flowing                                                                | SIWOPLC                           |
| 4. Date of Test                                            | 5. Hours Tested                                                        | 6. Choke Size                     |
| 2-1-82                                                     | 6                                                                      | 3/8"                              |
| 7. Flow Tubing Press.                                      | 8. Casing Pressure                                                     | 9. Calculated 24-Hour Rate        |
| 175                                                        | -                                                                      | -                                 |
| 10. Disposition of Gas (Sold, used for fuel, vented, etc.) | 11. Test Witnessed By                                                  |                                   |
| Vented - Will be Sold                                      | Bill Hansen                                                            |                                   |

## H. List of Attachments

Deviation Survey

I. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Engineering SecretaryTITLE Engineering SecretaryDATE 2-2-82

## INSTRUCTIONS

Data here is to be filed with the appropriate District Office of the Division not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of oil electrical and other data to be printed on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, hence, the through shall be reported for each zone. The data is to be filed in quintuplicate except on state land, where six copies are required, see Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                            |                        |
|--------------------------|------------------------|----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____         | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Rutland-Fruitland _____ | T. Penn. "C" _____     |
| T. Salt _____            | T. Azusa _____         | T. Pictured Cliffs _____   | T. Penn. "D" _____     |
| T. Yates _____           | T. Moss _____          | T. Cliff House _____       | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Montrose _____          | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____     | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____            | T. McCracken _____     |
| T. San Andres _____ 376  | T. Simpson _____       | T. Gallup _____            | T. Ignacio Quize _____ |
| T. Glorietta _____ 1498  | T. McKee _____         | T. Bete Greenhorn _____    | T. Granite _____       |
| T. Fullerton _____ 2944  | T. Ellenburger _____   | T. Dakota _____            | T. _____               |
| T. Blinney _____         | T. Gr. Wash _____      | T. Morrison _____          | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Tebbins _____           | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Kanab _____             | T. _____               |
| T. Abo _____ 3651        | T. Bone Springs _____  | T. Wingate _____           | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____            | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____           | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____         | T. _____               |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | No. 6, from _____ to _____ |

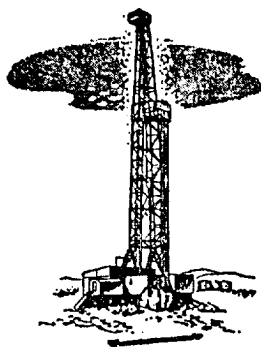
## IMPORTANT WATER SANDS

Include data on rate of water inflow and recovery to which water rose in hole.

|                            |            |
|----------------------------|------------|
| No. 1, from _____ to _____ | feet _____ |
| No. 2, from _____ to _____ | feet _____ |
| No. 3, from _____ to _____ | feet _____ |
| No. 4, from _____ to _____ | feet _____ |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation                       | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|---------------------------------|------|----|----------------------|-----------|
| 0    | 1370 | 1370                 | Surface Rock, Anhydrite & Shale |      |    |                      |           |
| 1370 | 3385 | 2015                 | Shale & Anhydrite               |      |    |                      |           |
| 3385 | 3598 | 213                  | Anhydrite & Lime                |      |    |                      |           |
| 3598 | 4375 | 777                  | Shale                           |      |    |                      |           |




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**L & M DRILLING, INC. - Oil Well Drilling Contractors**


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P. O. BOX 672

ARTESIA, NEW MEXICO 88210

**RECEIVED****FEB 2 1982****O. C. D.****ARTESIA, OFFICE**

December 31, 1981

Yates Petroleum Corporation  
 207 South Fourth Street  
 Artesia, NM 88210

RE: Rook "RK" State #1  
 1980' FWL & 660' FEL  
 Sec. 16, T8S, R25E  
 Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 499'  | 1/4°      |
| 1005' | 1/2°      |
| 1500' | 1/2°      |
| 2003' | 3/4°      |
| 2503' | 3/4°      |
| 3004' | 1°        |
| 3471' | 1°        |
| 4034' | 1-1/4°    |
| 4375' | 1-1/4°    |

Very truly yours,

B. N. Muncy Jr.  
 President

STATE OF NEW MEXICO    Ø  
 COUNTY OF EDDY        Ø

The foregoing was acknowledged before me this 31st day of December, 1981.

