

District I  
PO Box 1900, Hobbs, NM 88241-1900  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Oil, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-104  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                          |                               |                              |
|----------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------|
| Operator name and Address<br>Yates Petroleum Corporation<br>105 South Fourth Street<br>Artesia, NM 88210 |                               | OGRID Number<br>025575       |
|                                                                                                          |                               | Reason for Filing Code<br>NW |
| API Number<br>30 - 0 15-28877                                                                            | Pool Name<br>Atoka San Andres | Pool Code<br>3610            |
| Property Code<br>012704                                                                                  | Property Name<br>Ryburn FZ    | Well Number<br>3             |

II. Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 22      | 18S      | 26E   |         | 990           | South            | 990           | West           | Eddy   |

Bottom Hole Location

| UL or lot no. | Section                    | Township                       | Range               | Lot Ida              | Feet from the         | North/South line | Feet from the | East/West line | County |
|---------------|----------------------------|--------------------------------|---------------------|----------------------|-----------------------|------------------|---------------|----------------|--------|
|               |                            |                                |                     |                      |                       |                  |               |                |        |
| Lea Code<br>P | Producing Method Code<br>P | Gas Connection Date<br>4-25-96 | C-129 Permit Number | C-129 Effective Date | C-129 Expiration Date |                  |               |                |        |

III. Oil and Gas Transporters

| Transporter OGRID | Transporter Name and Address                                                | POD     | O/G | POD ULSTR Location and Description |
|-------------------|-----------------------------------------------------------------------------|---------|-----|------------------------------------|
| 015694            | Navajo Refining Company<br>P. O. Drawer 159<br>Artesia, NM 88210            | 2769410 | O   | Unit M - Section 22-T18S-R26E      |
| 025561            | Yates Petroleum Corporation<br>105 South Fourth Street<br>Artesia, NM 88210 | 2769430 | G   | Unit M - Section 22-T18S-R26E      |
|                   |                                                                             |         |     |                                    |
|                   |                                                                             |         |     |                                    |
|                   |                                                                             |         |     |                                    |

RECEIVED

MAY - 1 1996

Pat ID-2  
5-17-96  
comp & B17

IV. Produced Water

| POD     | POD ULSTR Location and Description |
|---------|------------------------------------|
| 2769450 | Unit M - Section 22-T18S-R26E      |

OIL CON. DIV.  
DIST. 2

V. Well Completion Data

| Spud Date               | Ready Date           | TD        | PBTD               | Perforations |
|-------------------------|----------------------|-----------|--------------------|--------------|
| RH 4-9-96<br>RT 4-11-96 | 4-25-96              | 1897'     | 1810'              | 1635-1698'   |
| Hole Size               | Casing & Tubing Size | Depth Set | Sacks Cement       |              |
| 20"                     | 16"                  | 40'       | Cement to surface  |              |
| 12-1/4"                 | 8-5/8"               | 570'      | 875 sx - circulate |              |
| 7-7/8"                  | 5-1/2"               | 1895'     | 600 sx - circulate |              |
|                         | 2-7/8"               | 1530'     |                    |              |

VI. Well Test Data

| Date New Oil | Gas Delivery Date | Test Date | Test Length | Tbg. Pressure | Csg. Pressure |
|--------------|-------------------|-----------|-------------|---------------|---------------|
| 4-25-96      | 4-25-96           | 4-28-96   | 24 hours    | 120           | 30            |
| Choke Size   | Oil               | Water     | Gas         | AOF           | Test Method   |
|              | 49                | 71        | 6           |               | Pump Test     |

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Rusty Klein

Title:

Production Clerk

Date: April 30, 1996

Phone: 505-748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date:

MAY 9 1996

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

WELL API NO.  
30-015-28877

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
Ryburn FZ

8. Well No.  
3

9. Pool name or Wildcat  
Atoka San Andres

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_

b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER \_\_\_\_\_

2. Name of Operator  
YATES PETROLEUM CORPORATION (505) 748-1471

3. Address of Operator  
105 South 4th St., Artesia, NM 88210

4. Well Location  
Unit Letter M : 990 Feet From The South Line and 990 Feet From The West Line  
Section 22 Township 18S Range 26E NMPM Eddy County

10. Date Spudded  
RH 4-9-96  
RT 4-11-96

11. Date T.D. Reached  
4-17-96

12. Date Compl. (Ready to Prod.)  
4-25-96

13. Elevations (DFA RKB, RT, GR, etc.)  
3340' GR

14. Elev. Casinghead

15. Total Depth  
1897'

16. Plug Back T.D.  
1810'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By  
Rotary Tools  
40-1897'

19. Producing Interval(s), of this completion - Top, Bottom, Name  
1635-1698' San Andres

20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run  
DNL

22. Was Well Cored  
No

23. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD  | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|-------------------|---------------|
| 16"         |               | 40'       | 20"       | Cement to surface |               |
| 8-5/8"      | 24#           | 570'      | 12-1/4"   | 875 sx circulate  |               |
| 5-1/2"      | 15.5#         | 1895'     | 7-7/8"    | 600 sx circulate  |               |

24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

25. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 7/8" | 1330'     |            |

26. Perforation record (interval, size, and number)  
1635-1698' w/24 .42" holes (4 SPF) as follows:  
1635, 41, 50, 58, 76 & 1698'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
AMOUNT AND KIND MATERIAL USED  
SEE ATTACHED SHEET

28. PRODUCTION

Date First Production  
4-25-96

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Pumping

Well Status (Prod. or Shut-in)  
Producing

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|------------------------|------------|-----------|--------------|-----------------|
| 4-28-96      | 24           |            |                        | 49         | 6         | 71           | 122:1           |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|-----------------------------|
| 120                | 30              |                         | 49         | 6         | 71           | 39.3                        |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold - connected to Yates Gas Gathering

Test Witnessed By  
Cecil Lester

30. List Attachments  
Deviation Survey & Logs

31. 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

Signature Rusty Klein Printed Name Rusty Klein Title Production Clerk Date 4-30-96

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run 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, Items 25 through 29 shall be reported for each zone. The form 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

## Southwestern New Mexico

## Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____ 962' | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. _____               | 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. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

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

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness<br>in Feet | Lithology          | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|--------------------|------|----|----------------------|-----------|
| 0    | 661  | 661                  | Redbed             |      |    |                      |           |
| 661  | 798  | 137                  | Redbed & anhydrite |      |    |                      |           |
| 798  | 1897 | 1099                 | Anhydrite          |      |    |                      |           |