

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.                 | 30-025-31606                                                           |
| 5. Indicate Type of Lease    | STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. | V-3211                                                                 |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                              |                                                                           |                                             |                                                                 |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------|---------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____                                                                                 | 7. Lease Name or Unit Agreement Name<br>Scratchy Ranch State Unit         |                                             |                                                                 |                                       |
| b. Type of Completion:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____ | 8. Well No.<br>2                                                          |                                             |                                                                 |                                       |
| 2. Name of Operator<br>YATES PETROLEUM CORPORATION (505) 748-1471                                                                                                                                                            | 9. Pool name or Wildcat<br>Undesignated <i>East Feather Upper Permian</i> |                                             |                                                                 |                                       |
| 3. Address of Operator<br>105 South 4th St., Artesia, NM 88210                                                                                                                                                               |                                                                           |                                             |                                                                 |                                       |
| 4. Well Location<br>Unit Letter <u>P</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line<br>Section <u>14</u> Township <u>15S</u> Range <u>32E</u> NMPM Lea _____ County _____    |                                                                           |                                             |                                                                 |                                       |
| 10. Date Spudded<br>RH 4-19-93<br>RT 4-20-93                                                                                                                                                                                 | 11. Date T.D. Reached<br>5-20-93                                          | 12. Date Compl. (Ready to Prod.)<br>6-12-93 | 13. Elevations (DF& RKB, RT, GR, etc.)<br>4255' GR              | 14. Elev. Casinghead                  |
| 15. Total Depth<br>11000'                                                                                                                                                                                                    | 16. Plug Back T.D.<br>10940'                                              | 17. If Multiple Compl. How Many Zones?      | 18. Intervals Drilled By<br>Rotary Tools 0-11000<br>Cable Tools | 20. Was Directional Survey Made<br>No |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>10627-10633'                                                                                                                                            |                                                                           |                                             |                                                                 | 22. Was Well Cored<br>No              |
| 21. Type Electric and Other Logs Run<br>CNL/LDC & DLL                                                                                                                                                                        |                                                                           |                                             |                                                                 |                                       |

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD   | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|--------------------|---------------|
| 20"         |               | 40'       | 26"       | Cement to surface  |               |
| 13-3/8"     | 54.5# J-55    | 400'      | 17-1/2"   | 450 sacks - circ.  |               |
| 8-5/8"      | 32# J-55      | 4472'     | 11"       | 1700 sacks - circ. |               |
| 5-1/2"      | 20# & 17#     | 11000'    | 7-7/8"    | 1450 sacks - circ. |               |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2-7/8"        | 10510     |            |

|                                                                                     |                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26. Perforation record (interval, size, and number)<br>10627-10633' w/13 .42" holes | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL<br>10627-10633'<br>AMOUNT AND KIND MATERIAL USED<br>Acidized w/10000 gallons<br>15% NEFE gelled acid. |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

PRODUCTION

|                                                                    |                                                                                |                                             |                        |                  |                   |                                     |                         |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------|------------------------|------------------|-------------------|-------------------------------------|-------------------------|
| 28. Date First Production<br>6-12-93                               | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping | Well Status (Prod. or Shut-in)<br>Producing |                        |                  |                   |                                     |                         |
| Date of Test<br>7-10-93                                            | Hours Tested<br>24                                                             | Choke Size<br>open                          | Prod'n For Test Period | Oil - Bbl.<br>78 | Gas - MCF<br>123  | Water - Bbl.<br>0                   | Gas - Oil Ratio<br>1576 |
| Flow Tubing Press.<br>175                                          | Casing Pressure<br>100                                                         | Calculated 24-Hour Rate                     | Oil - Bbl.<br>78       | Gas - MCF<br>123 | Water - Bbl.<br>0 | Oil Gravity - API - (Corr.)<br>41.8 |                         |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold |                                                                                |                                             |                        |                  |                   | Test Witnessed By<br>John Dehler    |                         |

30. List Attachments

Logs, Deviation survey and drill stem tests

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 7-16-93

# 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

## Southeastern New Mexico

|                             |                        |
|-----------------------------|------------------------|
| T. Anhy _____               | T. Canyon _____ 10529  |
| T. Salt _____               | T. Strawn _____        |
| B. Salt _____               | T. Atoka _____         |
| T. Yates _____ 2586         | T. Miss _____          |
| T. 7 Rivers _____           | T. Devonian _____      |
| T. Queen _____              | T. Silurian _____      |
| T. Grayburg _____           | T. Montoya _____       |
| T. San Andres _____ 4466    | T. Simpson _____       |
| T. Glorieta _____           | T. McKee _____         |
| T. Paddock _____            | T. Ellenburger _____   |
| T. Blinberry _____          | T. Gr. Wash _____      |
| T. Tubb _____ 7020          | T. Delaware Sand _____ |
| T. Drinkard _____           | T. Bone Springs _____  |
| T. Abo _____ 7672           | T. Rustler _____ 1463  |
| T. Wolfcamp Lime _____ 9230 | T. Yesso _____ 5744    |
| T. Penn _____               | T. _____               |
| T. Cisco (Bough C) _____    | T. _____               |

## Northwestern New Mexico

|                             |                        |
|-----------------------------|------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Cliff House _____        | T. Leadville _____     |
| T. Menefee _____            | T. Madison _____       |
| T. Point Lookout _____      | T. Elbert _____        |
| T. Mancos _____             | T. McCracken _____     |
| T. Gallup _____             | T. Ignacio Otzte _____ |
| Base Greenhorn _____        | T. Granite _____       |
| T. Dakota _____             | T. _____               |
| T. Morrison _____           | T. _____               |
| T. Todilto _____            | T. _____               |
| T. Entrada _____            | T. _____               |
| T. Wingate _____            | T. _____               |
| T. Chinle _____             | T. _____               |
| T. Permian _____            | T. _____               |
| T. Penn "A" _____           | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, 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     | 400   | 400                  | Surface           |      |    |                      |           |
| 400   | 1419  | 1019                 | Redbed            |      |    |                      |           |
| 1419  | 3098  | 1679                 | Anhydrite         |      |    |                      |           |
| 3098  | 3437  | 339                  | Anhydrite & salt  |      |    |                      |           |
| 3437  | 3830  | 393                  | Anhydrite         |      |    |                      |           |
| 3830  | 4246  | 416                  | Anhydrite & shale |      |    |                      |           |
| 4246  | 8130  | 3884                 | Dolomite          |      |    |                      |           |
| 8130  | 8958  | 828                  | Dolomite & shale  |      |    |                      |           |
| 8958  | 9262  | 304                  | Dolomite          |      |    |                      |           |
| 9262  | 9959  | 697                  | Lime              |      |    |                      |           |
| 9959  | 10769 | 810                  | Lime & shale      |      |    |                      |           |
| 10769 | 11000 | 231                  | Lime              |      |    |                      |           |

RECEIVED  
 JUN 20 1931  
 10769