

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

45F  
B2M  
st lid  
B2M

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-005-62695                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>LG 6688                                                             |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                                                 |                                  |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>TIGHT HOLE!</u><br><b>RECEIVED</b>                                                                    |                                  | 7. Lease Name or Unit Agreement Name<br><br>Middle Creek 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 <input type="checkbox"/> |                                  |                                                                                     |
| 2. Name of Operator<br>Yates Petroleum Corporation                                                                                                                                                                                              |                                  | 8. Well No.<br>1                                                                    |
| 3. Address of Operator<br>105 South 4th St., Artesia, NM 88210                                                                                                                                                                                  |                                  | 9. Pool name or Wildcat<br>Wildcat Abo <i>W. P. ...</i>                             |
| 4. Well Location<br>Unit Letter <u>D</u> : <u>990</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line<br>Section <u>33</u> Township <u>8S</u> Range <u>23E</u> NMPM Chaves County                                 |                                  |                                                                                     |
| 10. Date Spudded<br>5-30-89                                                                                                                                                                                                                     | 11. Date T.D. Reached<br>6-15-89 | 12. Date Compl. (Ready to Prod.)<br>7-1-89                                          |
| 13. Elevations (DF & RKB, RT, GR, etc.)<br>3912.1' GR                                                                                                                                                                                           |                                  | 14. Elev. Casinghead                                                                |
| 15. Total Depth<br>3500'                                                                                                                                                                                                                        | 16. Plug Back T.D.<br>3432'      | 17. If Multiple Compl. How Many Zones?                                              |
| 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>                                                                                                                               |                                  | 19. Producing interval(s), of this completion - Top, Bottom, Name<br>2869-3318' Abo |
| 20. Was Directional Survey Made<br>No                                                                                                                                                                                                           |                                  | 21. Type Electric and Other Logs Run<br>LDT/CNL/GR; DLL/MSFL                        |
| 22. Was Well Cored<br>No                                                                                                                                                                                                                        |                                  |                                                                                     |

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 14"         |               | 36'       | 17"       | Redi-Mix         |               |
| 8-5/8"      | 24#           | 834'      | 12 1/2"   | 750 sx           |               |
| 4 1/2"      | 9.5 & 10.5#   | 3498'     | 7-7/8"    | 500 sx           |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

| LINER RECORD |     |        |              | TUBING RECORD |        |           |
|--------------|-----|--------|--------------|---------------|--------|-----------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE   | DEPTH SET |
|              |     |        |              |               | 2-3/8" | 2813'     |
|              |     |        |              |               |        | 2813'     |
|              |     |        |              |               |        |           |

|                                                                                     |                                                 |                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|
| 26. Perforation record (interval, size, and number)<br>2869-3318' w/22 - .42" Holes | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                  |
|                                                                                     | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED    |
|                                                                                     | 3316-18'                                        | 1000g. 7 1/2% acid. SF w/20000g. |
|                                                                                     | 2869-84'                                        | 1000g. 7 1/2% acid. SF w/30000g. |
| 28. PRODUCTION                                                                      |                                                 | KCL + 50000# 20/40 sd.           |

|                                 |                        |                                                                                |                        |                  |                   |                                           |                      |
|---------------------------------|------------------------|--------------------------------------------------------------------------------|------------------------|------------------|-------------------|-------------------------------------------|----------------------|
| Date First Production<br>7-1-89 |                        | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                        |                  |                   | Well Status (Prod. or Shut-in)<br>SIWOPLC |                      |
| Date of Test<br>7-1-89          | Hours Tested<br>24     | Choke Size<br>3/8"                                                             | Prod'n For Test Period | Oil - Bbl.<br>-  | Gas - MCF<br>708  | Water - Bbl.<br>-                         | Gas - Oil Ratio<br>- |
| Flow Tubing Press.<br>200       | Casing Pressure<br>PKR | Calculated 24-Hour Rate                                                        | Oil - Bbl.<br>-        | Gas - MCF<br>708 | Water - Bbl.<br>- | Oil Gravity - API - (Corr.)<br>-          |                      |

|                                                                                                                                        |                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Vented-will be sold                                                      | Test Witnessed By<br>Bill Hansen                                  |
| 30. List Attachments<br>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 <i>Juanita Goodlett</i>                                                                                                      | Printed Name Juanita Goodlett Title Production Supvr Date 7-20-89 |

# 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

## 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 _____              | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____ 610            | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. <del>Padlock</del> / YESO 745 | 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 _____ 2815                | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____                | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn _____                    | T. _____               | T. Permain _____            | 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     |
|------|------|----------------------|---------------|
| 0    | 40   | 40                   | Surface, Rock |
| 40   | 1422 | 1382                 | Anhy, Dolo    |
| 1422 | 3016 | 1594                 | Anhy          |
| 3016 | 3500 | 484                  | Shale         |

WELL NAME AND NUMBER Middle Creek State Unit No. 1

LOCATION Section 33, T8S, R23E, 990' FNL & 660' FWL, Chaves County, New Mexico

OPERATOR Yates Petroleum Corporation

RECEIVED

DRILLING CONTRACTOR United Drilling, Inc.

JUL 21 '89

The undersigned hereby certifies that he is an ~~authorized~~ <sup>ARTESIA OFFICE</sup> representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      |
|-----------------------------|-----------------------------|-----------------------------|
| <u>1/4° 500'</u>            | <u>                    </u> | <u>                    </u> |
| <u>1/2° 1098'</u>           | <u>                    </u> | <u>                    </u> |
| <u>3/4° 1507'</u>           | <u>                    </u> | <u>                    </u> |
| <u>3/4° 2022'</u>           | <u>                    </u> | <u>                    </u> |
| <u>1/2° 2530'</u>           | <u>                    </u> | <u>                    </u> |
| <u>1/4° 3037'</u>           | <u>                    </u> | <u>                    </u> |
| <u>1/2° 3500'</u>           | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |

Drilling Contractor United Drilling, Inc.

By: *L. M. Little*

Title: Business Manager

Subscribed and sworn to before me this 16<sup>th</sup> day of June, 1989.

*Karina Tankersley*  
Notary Public

My Commission Expires: 9-25-91

Chaves New Mexico  
County State