

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

C15P  
Blm  
St 1/2

WELL API NO.  
30-015-27355

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
E-10167

7. Lease Name or Unit Agreement Name

Boyd X State *Com*

8. Well No.

4

9. Pool name or Wildcat

North Dagger Draw Upper Penn

**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 ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator  
YATES PETROLEUM CORPORATION

3. Address of Operator  
105 South 4th St., Artesia, NM 88210 (505) 748-1471

4. Well Location  
Unit Letter K: 1980 Feet From The South Line and 1980 Feet From The West Line

Section 29 Township 19S Range 25E NMPM Eddy County

10. Date Spudded 10-10-93 11. Date T.D. Reached 11-1-93 12. Date Compl. (Ready to Prod.) 11-9-93 13. Elevations (DF& RKB, RT, GR, etc.) 3521' GR 14. Elev. Casinghead

15. Total Depth 8300' 16. Plug Back T.D. 8250' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-8300' Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 7680-7790' Canyon 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CNL/LDT; D11 22. Was Well Cored No

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD     | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|----------------------|---------------|
| 20"         |               | 40'       | 26"       | Redi-Mix             |               |
| 9-5/8"      | 36#           | 1165'     | 14-3/4"   | 1200 sx - circulated |               |
| 7"          | 23# - 26#     | 8300'     | 8-3/4"    | 1575 sx              |               |
|             |               |           |           |                      |               |
|             |               |           |           |                      |               |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | 7410'     |            |
|                  |     |        |              |        |                   |           |            |

| 26. Perforation record (interval, size, and number)<br>7680-7790' w/42 - .50" Holes | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                           |
|-------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------|
|                                                                                     | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED             |
|                                                                                     | 7680-7790'                                      | w/16000 gal 20% NEFE acid<br>in 3 stages. |

**PRODUCTION**

| 28. Date First Production<br>11-6-93 |                        | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping |                        |                   |                     | Well Status (Prod. or Shut-in)<br>Producing |                         |
|--------------------------------------|------------------------|--------------------------------------------------------------------------------|------------------------|-------------------|---------------------|---------------------------------------------|-------------------------|
| Date of Test<br>11-9-93              | Hours Tested<br>24     | Choke Size<br>32/64"                                                           | Prod'n For Test Period | Oil - Bbl.<br>891 | Gas - MCF<br>1495   | Water - Bbl.<br>860                         | Gas - Oil Ratio<br>1678 |
| Flow Tubing Press.<br>200            | Casing Pressure<br>300 | Calculated 24-Hour Rate                                                        | Oil - Bbl.<br>891      | Gas - MCF<br>1495 | Water - Bbl.<br>860 | Oil Gravity - API - (Corr.)<br>43°          |                         |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold - Gas connected to pipeline 11-6-93

Test Witnessed By  
Joe Chavez

30. List Attachments  
Deviation Survey, DST's, 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

Printed Name Juanita Goodlett Title Production Supvr. Date 11-12-93

# 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 <u>LM</u> 7623       |
| T. Salt _____              | T. Strawn _____                |
| B. Salt _____              | T. Atoka _____                 |
| T. Yates _____             | T. Miss _____                  |
| T. 7 Rivers _____          | T. Devonian _____              |
| T. Queen _____             | T. Silurian _____              |
| T. Grayburg _____          | T. Montoya _____               |
| T. San Andres <u>708</u>   | T. Simpson _____               |
| T. Glorieta <u>2236</u>    | T. McKee _____                 |
| T. Paddock _____           | T. Ellenburger _____           |
| T. Blinbry _____           | T. Gr. Wash _____              |
| T. Tubb _____              | T. Delaware Sand _____         |
| T. Drinkard _____          | T. Bone Springs <u>LM</u> 3810 |
| T. Abo _____               | T. _____                       |
| T. Wolfcamp <u>LM</u> 6016 | T. _____                       |
| 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    | 40   | 40                   | Surface           | 7242 | 7272 | 30                   | Sh, SS, LS |
| 40   | 1635 | 1595                 | Dolo              | 7272 | 7606 | 334                  | Sh, SS     |
| 1635 | 3128 | 1493                 | LS, Sh, Dolo      | 7606 | 7680 | 74                   | Sh, LS, SS |
| 3128 | 3550 | 422                  | Dolo              | 7680 | 8000 | 320                  | Dolo, Sh   |
| 3550 | 3784 | 234                  | Dolo, Cht, Sh     | 8000 | 8300 | 300                  | LS, Sh     |
| 3784 | 5258 | 1474                 | LS, Sh            |      |      |                      |            |
| 5258 | 5298 | 40                   | LS, Sh, Cht, Anhy |      |      |                      |            |
| 5298 | 5576 | 278                  | Dolo, Sh, Cht     |      |      |                      |            |
| 5576 | 5704 | 128                  | Dolo, SS, Sh, Cht |      |      |                      |            |
| 5704 | 6246 | 542                  | Dolo, Sh          |      |      |                      |            |
| 6246 | 6366 | 120                  | Dolo, SS, Sh      |      |      |                      |            |
| 6366 | 6466 | 100                  | Sh                |      |      |                      |            |
| 6466 | 6668 | 202                  | Sh, SS, Dolo      |      |      |                      |            |
| 6668 | 6750 | 82                   | Sh, SS            |      |      |                      |            |
| 6750 | 7242 | 492                  | Sh, LS            |      |      |                      |            |