

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.  
30-005-62927

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
LG 3591

7. Lease Name or Unit Agreement Name  
Tamarack QF State Com

8. Well No.  
3

9. Pool name or Wildcat  
Pecos Slope Abo

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 (505) 748-1471

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

4. Well Location  
Unit Letter E: 1650 Feet From The North Line and 660 Feet From The West Line  
Section 32 Township 6S Range 26E NMPM Chaves County

10. Date Spudded  
12-30-92

11. Date T.D. Reached  
1-12-93

12. Date Compl. (Ready to Prod.)  
1-18-93

13. Elevations (DF & RKB, RT, GR, etc.)  
3654' GR

14. Elev. Casinghead

15. Total Depth  
4250'

16. Plug Back T.D.  
4195'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By  
Rotary Tools  
0-4250'

19. Producing Interval(s), of this completion - Top, Bottom, Name  
3829-3960' Abo

20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run  
CNL/LDT; DLL

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"         |               | 58'       | 26"       | 115 sx - circulated  |                                  |
| 8-5/8"      | 24#           | 945'      | 12 1/4"   | 1480 sx - circulated | Part ID-2<br>2-5-93<br>comp & BK |
| 4 1/2"      | 10.5-11.6#    | 4250'     | 7-7/8"    | 580 sx               |                                  |

LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 3706'     | 3706'      |

26. Perforation record (interval, size, and number)

3829-3960' w/16 - .42" Holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 3829-3960'     | w/1900g. 7 1/2% NEFE acid.    |
|                | SF w/60000g. 30# Linear gel   |
|                | + 120000# 20/40 sd.           |

PRODUCTION

28. Date First Production  
1-18-93

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

Well Status (Prod. or Shut-in)  
SIWOPLC

Date of Test  
1-18-93

Hours Tested  
8

Choke Size  
1/2"

Prod'n For Test Period

Oil - Bbl.  
-

Gas - MCF  
500

Water - Bbl.  
-

Gas - Oil Ratio

Flow Tubing Press.  
225

Casing Pressure  
Pkr

Calculated 24-Hour Rate

Oil - Bbl.  
-

Gas - MCF  
1500

Water - Bbl.  
-

Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented - Will be sold

Test Witnessed By  
Jim Krogman

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 Juanita Goodlett Printed Name Juanita Goodlett Title Production Supvr Date 1-21-93

# 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

## 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 _____ 496                | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. <del>Glorieta</del> YESO _____ 1582 | 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 _____ 3640                      | 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      |
|------|------|----------------------|----------------|
| 0    | 60   | 60                   | Surface        |
| 60   | 510  | 450                  | Sd, Salt       |
| 510  | 950  | 440                  | Sh, Salt, Dolo |
| 950  | 1250 | 300                  | Dolo           |
| 1250 | 4250 | 3000                 | SS, Sh         |

WELL NAME AND NUMBER Tamarack "QF" State Com. No. 3

LOCATION 1650' FNL & 660' FWL, Section 32, T6S, R26E, Chaves County, NM

OPERATOR Yates Petroleum Corporation

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized 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>1/2° 549'</u>       | <u>                    </u> | <u>                    </u> |
| <u>1/2° 1020'</u>      | <u>                    </u> | <u>                    </u> |
| <u>3/4° 1516'</u>      | <u>                    </u> | <u>                    </u> |
| <u>1-1/4° 2009</u>     | <u>                    </u> | <u>                    </u> |
| <u>1° 2497'</u>        | <u>                    </u> | <u>                    </u> |
| <u>1-1/4° 3023'</u>    | <u>                    </u> | <u>                    </u> |
| <u>3/4° 3514'</u>      | <u>                    </u> | <u>                    </u> |
| <u>3/4° 4034'</u>      | <u>                    </u> | <u>                    </u> |

Drilling Contractor United Drilling, Inc.

By: C. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 15<sup>th</sup> day of January,  
1993.

Kathleen L. Buckley  
Notary Public

My Commission Expires: 9-25-95

Chaves NM  
County State

SEC 32 TWN 6 RGE 26

API # 30-005-62927

OPERATOR VATES

WELL NAME TAMORACK "QF" STATE COM #3

STATE OGD TOPS AS PER MARK ASHLEY DATE 1-26-93

### Southeastern New Mexico

|                       |                  |
|-----------------------|------------------|
| Unhy                  | T. Canyon        |
| Salt                  | T. Strawn        |
| Salt                  | T. Atoka         |
| Vates                 | T. Miss          |
| Rivers                | T. Devonian      |
| Queen                 | T. Silurian      |
| Grayburg              | T. Monroya       |
| San Andres <u>495</u> | T. Simpson       |
| Glorieta <u>1515</u>  | T. McKee         |
| Paddock               | T. Ellenburger   |
| Blinberry             | T. Gr. Wash      |
| Tubb <u>2995</u>      | T. Delaware Sand |
| Drinkard              | T. Bone Springs  |
| Abo <u>3642</u>       | T.               |
| Wolfcamp              | T.               |
| Penn                  | T.               |
| Cisco (Bough C)       | T.               |

### Northwestern New Mexico

|                       |                  |
|-----------------------|------------------|
| T. Ojo Alamo          | T. Perm. "B"     |
| T. Kirtland-Fruitland | T. Perm. "C"     |
| T. Picured Cliffs     | T. Perm. "D"     |
| T. Cliff House        | T. Leadville     |
| T. Menefee            | T. Madison       |
| T. Point Lookout      | T. Elbert        |
| T. Mancos             | T. McCracken     |
| T. Gallup             | T. Ignacio Otzie |
| Base Greenhorn        | T. Granite       |
| T. Dakota             | T.               |
| T. Morrison           | T.               |
| T. Todillo            | T.               |
| T. Entrada            | T.               |
| T. Wingate            | T.               |
| T. Chinle             | T.               |
| T. Permian            | T.               |
| T. Perm "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

REMARKS: