

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised March 1999

Well API NO.  
**30-005-63209**

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.  
**LG-2621**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER \_\_\_\_\_

b. Type of Completion:

NEW WORK PLUG DIFF.  
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER \_\_\_\_\_

2. Name of Operator

**Yates Petroleum Corporation**

3. Address of Operator

**105 South 4<sup>th</sup> St., Artesia, NM 88210**

7. Lease Name or Unit Agreement Name

**Thunderhead TD State**

8. Well No.

**#2**

9. Pool name or Wildcat

**Pecos Slope Abo**

4. Well Location

Unit Letter **I** : **1500** Feet From The **South** Line and **660** Feet From The **East** Line  
Section **32** Township **8S** Range **26E** NMPM **Chaves** County

10. Date Spudded

**RH - 2/10/00**  
**RT - 3/12/00**

11. Date T.D. Reached

**4/21/00**

12. Date Compl. (Ready to Prod.)

**6/27/00**

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

**3747' GR**

14. Elev. Casinghead

15. Total Depth

**7330'**

16. Plug Back T.D.

**5200'**

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

**40-7330'**

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

**4556-4703' Abo**

20. Was Directional Survey Made

**No**

21. Type Electric and Other Logs Run

**CNL/LDC, Laterolog**

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
<b>20"</b>		<b>40'</b>	<b>26"</b>	<b>Cement to surface</b>	
<b>8-5/8"</b>	<b>24#</b>	<b>1100'</b>	<b>12-1/4"</b>	<b>525 sxs circ</b>	
<b>5-1/2"</b>	<b>15.5#</b>	<b>7113'</b>	<b>7-7/8"</b>	<b>658 sxs</b>	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
<b>2-7/8"</b>	<b>4350'</b>	

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

**See Attached**

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

**See Attached**

28. PRODUCTION

Date First Production <b>7/11/00</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Flowing</b>			Well Status (Prod. or Shut-in) <b>Producing</b>		
Date of Test <b>7/18/00</b>	Hours Tested <b>24</b>	Choke Size <b>11/64"</b>	Prod'n For Test Period	Oil - Bbl <b>0</b>	Gas - MCF <b>81</b>	Water - Bbl. <b>0</b>	Gas - Oil Ratio
Flow Tubing Press. <b>180#</b>	Casing Pressure <b>180#</b>	Calculated 24-Hour Rate	Oil - Bbl. <b>0</b>	Gas - MCF <b>30</b>	Water - Bbl. <b>0</b>	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**Sold**

Test Witnessed By

**Tom Benedict**

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

Printed

Signature Susan Herpin Name **Susan Herpin** Title **Engineering Tech.** Date **September 25, 2001**

# 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

. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
. Yates _____	T. Miss 6806' _____	T. Cliff House _____	T. Leadville _____
. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
. San Andres 1084' _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
. Glorieta 2164' _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
. Tubb 3738' _____	T. Delaware Sand _____	T. Todilto _____	T. _____
. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
. Abo 4501' _____	T. Yeso 2263' _____	T. Wingate _____	T. _____
. Wolfcamp 5256' _____	T. Ordovician 7100' _____	T. Chinle _____	T. _____
. Penn Clastics 6070' _____	_____	T. Permian _____	T. _____
. Cisco 5922' _____	_____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS  
OR ZONES

No. 1, from.....to.....  
No. 2, 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 In Feet	Lithology

From	To	Thickness In Feet	Lithology