

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

U.S.F.  
Form C-105  
Revised March 1999  
BOM  
SLD

WELL API NO.

30-005-63241

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. RESVR. OTHER  
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South 4th St., Artesia, NM 88210

7. Lease Name or Unit Agreement Name

Thunderhead TD State Com

8. Well No.

#4

Pool name or Wolfcat  
Undesignated Wolfcamp

4. Well Location

Unit Letter **E** : **1980** Feet From The **North** Line and **660** Feet From The **West** Line  
Section **32** Township **8S** Range **26E** NMPM **Chaves** County

10. Date Spudded

RH - 5/4/00

RT - 5/24/00

11. Date T.D. Reached

6/26/00

12. Date Compl. (Ready to Prod.)

5/3/01

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

3741' GR

14. Elev. Casinghead

15. Total Depth

6740'

16. Plug Back T.D.

5600'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

40-6740'

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

5430-5540' Wolfcamp

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
20"		40'	26"	Cement to surface	
8-5/8"	24#	1103'	12-1/4"	650 sxs circ	
5-1/2"	15.5#	6740'	7-7/8"	1152 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	5365'	

25. TUBING RECORD

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 5/1/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) SIWOPL		
Date of Test 5/1/01	Hours Tested 24	Choke Size 1/8"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 30	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. 73#	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 30	Water - Bbl. 0	Oil Gravity - API - (Corr.)	

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

Will be sold when gas connected


Test Witnessed By

Curtis Tolle

30. List Attachments

Deviation Survey & I Logs

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature 

Printed

Name Susan Herpin Title Engineering Tech. Date September 24, 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

Northwestern New Mexico	
. Anhy _____	T. Canyon _____
. Salt _____	T. Strawn _____
. Salt _____	T. Atoka _____
. Yates _____	T. Miss 6309' _____
. 7 Rivers _____	T. Devonian _____
. Queen _____	T. Silurian _____
. Grayburg _____	T. Montoya _____
. San Andres 950' _____	T. Simpson _____
. Glorieta 2007' _____	T. McKee _____
. Paddock _____	T. Ellenburger _____
. Blinebry _____	T. Gr. Wash _____
. Tubb 3572' _____	T. Delaware Sand _____
. Drinkard _____	T. Bone Springs _____
. Abo 4338' _____	T. Yeso 2122' _____
. Wolfcamp 5072' _____	T. Ordovician 6626' _____
. Penn Clastics 5838' _____	_____
. Cisco 5712' _____	_____

OIL OR GAS SANDS  
OR ZONES

**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 In Feet	Lithology

From	To	Thickness In Feet	Lithology