

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
Minerals and Natural Resources

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

Form C-105
Revised March 25, 1999

WELL API NO.
30-005-60615

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.
L-4283

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 _____

7. Lease Name or Unit Agreement Name
Cottonwood Ranch MK State

2. Name of Operator
Yates Petroleum Corporation

8. Well No.
#1

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

9. Pool name or Wildcat
~~Undesignated~~ **Cottonwood Ranch Penn**

4. Well Location
Unit Letter **B : 660** Feet From The **North** Line and **1980** Feet From The **East** Line
Section **36** Township **6S** Range **25E** NMPM **Chaves** County

10. Date Spudded
11. Date T.D. Reached
12. Date Compl. (Ready to Prod.) **8/7/01**
13. Elevations (DF& RKB, RT, GR, etc.) **3752' GR**
14. Elev. Casinghead

15. Total Depth **5318'**
16. Plug Back T.D. **5125'**
17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By **N/A**
Rotary Tools
Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
5052-5060' Penn
20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
None on recompletion
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
13-3/8"	48#	414'	17-1/2"	In Place	
8-5/8"	24#	1209'	12-1/4"	In Place	
4-1/2"	9.5#	5300'	7-7/8"	In Place	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4972'	4981'

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

Penn 5052-5060' 32 holes .42"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5052-5060'	900 gals 15% IC HCL
5052-5060'	10,000 gals 15% IC HCL + 1000 scf N2 per bbl

28. PRODUCTION

Date First Production 8/16/01		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing			Well Status (<i>Prod. or Shut-in</i>) Producing		
Date of Test 8/20/01	Hours Tested 24	Choke Size 13/64"	Prod'n For Test Period	Oil - Bbl 2	Gas - MCF 669	Water - Bbl. 2	Gas - Oil Ratio
Flow Tubing Press. 1100#	Casing Pressure Packer	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 669	Water - Bbl. 2	Oil Gravity - API - (<i>Corr.</i>)	

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

Sold Test Witnessed By **Phil Morgan**

30. List Attachments

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 Susan Herpin Printed Name **Susan Herpin** Title **Engineering Tech.** Date **January 29, 2002**

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 _____	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 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
. Abo _____	T. Yeso _____	T. Wingate _____	T. _____
. Wolfcamp _____	T. Ordovician _____	T. Chinle _____	T. _____
. Penn Clastics _____		T. Permian _____	T. _____
. Cisco _____		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 In Feet	Lithology

From	To	Thickness In Feet	Lithology