

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 June 10, 2003

WELL API NO.  
30-025-37086

5. Indicate Type of Lease  
STATE ☒ FEE ☐

State Oil & Gas Lease No.  
VO-5459

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
**AMENDMENT TO CORRECT WELLNAME**  
**RECOMPLETION**

b. Type of Completion:

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

2. Name of Operator

Yates Petroleum Corporation

7. Lease Name or Unit Agreement Name

Indigo BHC State Com

8. Well No.

4

3. Address of Operator

105 South Fourth Street, Artesia, NM 88210 (505) 748-1471

9. Pool name or Wildcat

Ranger Lake; Atoka, North (Gas)

4. Well Location

Unit Letter D : 660 Feet From The North Line and 660 Feet From The West Line

Section 5 Township 12S Range 35E NMPM Lea County

10. Date Spudded  
9-22-05 RC

11. Date T.D. Reached  
4-20-05

12. Date Compl. (Ready to Prod.)  
11-29-05

13. Elevations (DF& RKB, RT, GR, etc.)  
4162'GR 4184'KB

14. Elev. Casinghead

15. Total Depth  
12856'

16. Plug Back T.D.  
12010'

17. If Multiple Compl. How Many  
Zones?

18. Intervals  
Drilled By

Rotary Tools  
40'-12856'

Cable Tools

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

11893'-11930' Atoka

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

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"	Conductor	40'			
13-3/8"	48#	421'	17-1/2"	420 sx (circ)	
9-5/8"	36# & 40#	4353'	12-1/4"	1620 sx (circ)	
5-1/2"	17#	12856'	8-3/4"	2819 sx (TOC 3852' calc)	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	11670'	11670'

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

12232-36' w/24 .42" holes  
12036-44 and 12046-49' w/66 .42" holes  
11893-11930' w/222 .42" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12232-36'	500g 7-1/2% Morrow acid w/30 balls
12036-49'	2000 gal 7-1/2% Morrow acid w/75 balls
12232-36'	1000 gal 7-1/2% Morrow type acid
11893-930'	3000 gal 7-1/2% Morrow acid w/200 balls
11893-930'	Frac w/70000 gal 40# Med. 40Q foam w/70000# 18/40 Versaprop

28. PRODUCTION

Date First Production 11-17-05		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 12-11-05	Hours Tested 24	Choke Size 19/64"	Prod'n For Test Period	Oil - Bbl 56	Gas - MCF 2214	Water - Bbl. 0	Gas - Oil Ratio N/A
Flow Tubing Press. 900#	Casing Pressure 900#	Calculated 24- Hour Rate	Oil - Bbl. 56	Gas - MCF 2214	Water - Bbl. 0	Oil Gravity - API - (Corr.) N/A	

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

Test Witnessed By  
Noel Gomez

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  Printed Name Stormi Davis  
E-mail Address: stormid@ypcnm.com

Title Regulatory Compliance Technician Date 12-28-05



# 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. Ojo Alamo	T. Penn. "B"
T. Salt		11167'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		11702'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2940'		T. Cliff House	T. Leadville
T. 7 Rivers			T. Menefee	T. Madison
T. Queen			T. Point Lookout	T. Elbert
T. Grayburg			T. Mancos	T. McCracken
T. San Andres	4282'		T. Gallup	T. Ignacio Otzte
T. Glorieta	5720'		Base Greenhorn	T. Granite
T. Paddock			T. Dakota	
T. Blinebry			T. Morrison	
T. Tubb	7155'		T. Todilto	
T. Drinkard		2198'	T. Entrada	
T. Abo	7909'	12148'	T. Wingate	
T. Wolfcamp	9362'	12328'	T. Chinle	
T. Penn		12524'	T. Permian	
T. Cisco (Bough C)		12632'	T. Penn "A"	

## 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