

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
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 ☐

RECOMPLETION

b. Type of Completion:

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

7. Lease Name or Unit Agreement Name

BHC
Indigo State Unit Com

2. Name of Operator

Yates Petroleum Corporation

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

25. TUBING RECORD

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

Title Regulatory Compliance Technician Date 12-14-05

2A Four Lakes Morrow

Ka

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	11167'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	11702'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	2940'	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	T. Simpson	4282'	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	5720'	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	
T. Blinebry	T. Gr. Wash		T. Morrison	
T. Tubb	T. Delaware Sand	7155'	T. Todilto	
T. Drinkard	T. Rustler	2198'	T. Entrada	
T. Abo	T. Morrow	12148'	T. Wingate	
T. Wolfcamp	T. Austin	12328'	T. Chinle	
T. Penn	T. Chester	12524'	T. Permian	
T. Cisco (Bough C)	L. Mississippian	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