

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

WELL API NO. 30-025-02801
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VA-698
7. Lease Name or Unit Agreement Name Buffalo ARU State Com
8. Well No. 1
9. Pool name or Wildcat Townsend Morrow

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER \_\_\_\_\_

b. Type of Completion:  
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIPP RESVR ☐ OTHER ☐ Re-entry

2. Name of Operator  
YATES PETROLEUM CORPORATION (505) 748-1471

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

4. Well Location  
Unit Letter K : 1980 Feet From The South Line and 1945 Feet From The West Line  
Section 18 Township 16S Range 35E NMPM Lea County

10. Date Spudded Re-entry  
9-27-97

11. Date T.D. Reached  
10-2-97

12. Date Compl. (Ready to Prod.)  
10-24-97

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

14. Elev. Casinghead

15. Total Depth  
13647'

16. Plug Back T.D.  
13261'

17. If Multiple Compl. How Many Zones?  
18. Intervals Drilled By  
Rotary Tools  
Pulling Unit

19. Producing Interval(s), of this completion - Top, Bottom, Name  
12895-12950' Morrow

20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run  
CNL/GR & 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
13-3/8"	36#	357'	17-1/2"	In place	
8-5/8"	24# & 32#	4674'	11"	In place	
5-1/2"	17#	13293'	7-7/8"	1100 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	12830'

26. Perforation record (interval, size, and number)  
12895-12950' w/124 .45" holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
12895-12950'  
23800 gals Medallion 3500 w/50 tons 35Q CO2  
and 35000# 20-40 Interprop

AMOUNT AND KIND MATERIAL USED  
Frac'd (down tubing) with

28. PRODUCTION

Date First Production  
10-23-97

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Flowing

Well Status (Prod. or Shut-in)  
SIWOPLC

Date of Test  
10-24-97

Hours Tested  
24

Choke Size  
1/4"

Prod'n For Test Period  
Oil - Bbl.  
Gas - MCF  
Water - Bbl.  
Gas - Oil Ratio

Flow Tubing Press.  
1100#

Casing Pressure  
Packer

Calculated 24-Hour Rate  
Oil - Bbl.  
Gas - MCF  
Water - Bbl.

Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Will be sold when hookup available

Test Witnessed By  
Mike Allen

30. List Attachments  
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

Signature Rusty Klein Printed Name Rusty Klein Title Operations Tech. Date 12-11-97

# 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

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinbry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn \_\_\_\_\_  
T. Atoka \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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T. \_\_\_\_\_  
T. \_\_\_\_\_  
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
			REFER TO ORIGINAL COMPLETION FOR LITHOLOGY & LOG TOPS				