

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

WELL API NO.

30-025-34714

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

VA-753

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 ☐

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South 4th St., Artesia, NM 88210

8. Well No.

#1

Pool name or Wildcat

Townsend Morrow

4. Well Location

Unit Letter **L** : **1330** Feet From The **South** Line and **1080** Feet From The **West** Line
Section **11** Township **16S** Range **35E** NMPM **Lea** County

10. Date Spudded

RH - 4/3/00
RT - 4/6/00

11. Date T.D. Reached

5/17/00

12. Date Compl. (Ready to Prod.)

9/29/00

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

3986' GR

14. Elev. Casinghead

15. Total Depth

12,528'

16. Plug Back T.D.

12,170'

17. If Multiple Compl. How Many Zones?

3

18. Intervals Drilled By

Rotary Tools

40-12,528'

Cable Tools

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

12,141-12,150' Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CNL/LDC, Laterolog, Sonic

22. Was Well Cored

No23. **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	
13-3/8"	48#	403'	17-1/2"	400 sxs circ	
9-5/8"	36# & 40#	4709'	12-1/4"	1910 sxs circ	
7"	26# & 32#	12,528'	8-3/4"	800 sxs	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-3/8"	11,614'	11,620'

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

See Attached27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

See Attached28. **PRODUCTION**

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
9/29/00		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas/Oil Ratio
10/6/00	24	30/64"		0	948	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
1050#	Packer		0	948	0		

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

SoldWitnessed
Rocky Harper

30. List Attachments

Logs, deviation survey

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 *Susan Herpin* Printed Name **Susan Herpin** Title **Engineering Tech.** Date **February 15, 2002***KH B*

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	1982'	T. Strawn	11,340'	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	11,488'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3106'	T. Miss		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	4532'	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta	6274'	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	6560'	T. Delaware Sand		T. Todilto		T.	
T. Drinkard		T. Bone Springs		T. Entrada		T.	
T. Abo	8112'	T. Yeso		T. Wingate		T.	
T. Wolfcamp	9612'	T. Ordovician		T. Chinle		T.	
T. Penn. Clastics		T. Morrow	12,020'	T. Permian		T.	
T. Cisco	10,888'	T. Austin	12,152'	T. Penn. "A"		T.	
T. Rustler	1882'	T. Chester	12,382'				

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

Yates Petroleum Corporation
C. O. Jones ATK State #1
API – 30-025-34714
Section 11 T16S-R35E
Lea County, New Mexico

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

Miss (Austin)	12,232-12,234'	6 holes	.42"	CIBP set at 12,190', capped with 20' cement
	12,237-12,244'	16 holes	.42"	
	12,247-12,248'	4 holes	.42"	
	12,258-12,265'	16 holes	.42"	
Morrow	12,141-12,150'	58 holes	.42"	Producing – DHC with Atoka
Atoka	11,959-11,977'	114 holes	.42"	Producing – DHC with Morrow
	11,687-11,689'	18 holes	.42"	
	11,696-11,701'	36 holes	.42"	
	11,741-11,744'	24 holes	.42"	
	11,753-11,754'	12 holes	.42"	
	11,758-11,761'	24 holes	.42"	Producing – DHC with Morrow
Strawn	11,343-11,354'	12 holes	.42"	Producing – Dually completed with Atoka/Morrow
	11,363-11,365'	3 holes	.42"	
	11,370-11,373'	4 holes	.42"	
	11,378-11,391'	14 holes	.42"	

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

Miss (Austin): 12,232-12,265'	2500 gals 15% IC HCL
Morrow: 12,141-12,150	1500 gals 15% IC HCL Frac with 49,600 gals 65Q CO2 foam with 30,000# 20/40 Interprop and 10,000# 20/40 Econoflex
Atoka: 11,959-11,977	Frac with 50,000 gals 70Q foam with 40,000# 20/40 Interprop and 10,000# 20/40 Econoflex
11,741-11,761'	100 gals 7.5% MSA
11,687-11,701'	500 gals 7.5% MSA
11,687-11,761'	Frac with 48,000 gals binary foam with 40,000# 20/40 Interprop and 15,000# 20/40 Econoflex
Strawn: 11,343-11,391'	2500 gals 15% IC HCL

