

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NM-05110-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Tropicana Federal #1

9. API Well No.

30-015-32517

10. Field and Pool, or Exploratory

McMillan Morrow

11. Sec., T., R., M., on Block and
Survey or Area

12-20S-256E

12. County or Parish 13. State

Eddy

NM

17. Elevations (DF, RKB, RT, GL)*

3310' GR

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator

Yates Drilling Company

3. Address

105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)

505-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface

1980' FSL & 660' FEL

At top prod. Interval reported below

At total depth

14. Date Spudded

5/7/2003

15. Date T.D. Reached

6/11/2003

16. Date Completed

7/10/2003

☐ D & A

☒ Ready to Prod.

18. Total Depth: MD 10,510'

TVD NA

19. Plug Back T.D.: MD 10,247'

TVD NA

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Azimuthal Laterolog, CNL

22. Was Well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5"	13 3/8"	48#		400'		440 sxs "C"		400'	
12.25"	9 5/8"	36#		2700'		1000 sxs "C"		2700'	
8.75"	5 1/2"	17# & 15.5#		10,510'		830 sxs 15:61:11		10,510'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	10,144.37'	10,145.99'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	10,200'	10,226'	10,200'-10,226'	.41"	4 SPF	Open
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeezes, Etc.

Depth Interval	Amount and Type of Material
10,200'-10,226'	1000 GALS 10% Isosol w/ methanol.
	129,320 scf Nitrogen

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/10/2003	7/10/2003	24	⇒	0	898	0	0		Flowing
Choke Size	Tbg. Press. Flwg. #2	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
36/48	SI	0	⇒	0	898	0	0		

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	SI		⇒						

ACCEPTED FOR RECORD

AUG 26 2003

SIWOPLC LES BABYAK
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

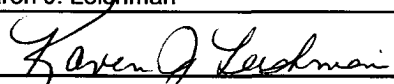
Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Queen	652'
				San Andres	1620'
				Bone Springs	2691'
				Third Bone Springs	7280'
				Wolfcamp	7766'
				Strawn	9036'
				Atoka	9572'
				Morrow Clastics	10016'
				Lower Morrow	10262'
				TD	10510'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report ☒ 4. Directional Survey
 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Karen J. Leishman Title Engineering Technician
 Signature  Date 8/19/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR: YATES DRILLING
WELL/LEASE: TROPICANA FED. 1
COUNTY: EDDY

514-0069

STATE OF NEW MEXICO
DEVIATION REPORT

238	3/4	8,020	1
385	1	8,229	2
661	1	8,606	2
1,151	2	8,835	2
1,373	1	9,187	1
1,627	1	9,444	1
1,881	3/4	9,584	1 1/2
2,381	3/4	9,858	1
2,655	1	10,112	1
2,933	1	10,500	1
3,442	1 1/2		
3,696	2		
3,791	1 1/4		
3,884	1		
4,141	2		
4,236	1		
4,362	1 1/4		
4,614	1		
4,839	1 3/4		
5,093	1 1/4		
5,316	2		
5,600	1 3/4		
5,695	1 1/2		
5,949	1 3/4		
6,202	1 1/4		
6,455	1		
6,707	1 1/4		
7,006	1		
7,214	1		
7,576	1/4		
7,753	1		

By: 

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 12th day of June, 2003, by
Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.


Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

