

Submit to Appropriate

District Office

State Lease --6 copies

Fee Lease --5 copies

DISTRICT I

PO Box 1980, Hobbs, NM 88240

DISTRICT II

PO Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105

Revised 1-1-89

OIL CONSERVATION DIVISION

P. O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED

JUL 28 2004

OCD-ARTESIA**WELL API NO.**

30-015-33338

5. Indicate Type of LeaseSTATE ☒FEE ☐**6. State Oil & Gas Lease No.**

B-8617

7. Lease Name or Unit Agreement Name

Mule Train 16 State

8. Well No.

2

9. Pool name or Wildcat

Empire Penn

WELL COMPLETION OR RECOMPLETION REPORT AND LOG**1a. Type of Well:**OIL WELL ☐GAS WELL ☒DRY ☐

OTHER _____

b. Type of Completion:NEW ☒
WELLWORK ☐
OVERDEEPEN ☐PLUG ☐
BACKDIFF ☐
RESVR

OTHER _____

2. Name of Operator

Yates Drilling Company

3. Address of Operator

105 South 4th St. Artesia, NM 88210

4. Well LocationUnit Letter N : 660 Feet From The N Line and 1520 Feet From The W LineSection 16 Township 17S Range 28E NMPM Eddy County**10. Date Spudded**

4/17/2004

11. Date T.D. Reached

5/16/2004

12. Date Compl. (Ready to prod.)

7/2/2004

13. Elevations (DF. RKB. RT. GR. ETC.)

3552' GR

14. Elev. Casinghead**15. Total Depth**

10,253'

16. Plug, Back T.D.

10,135'

17. If Multiple Compl. How Many Zones?**18. Intervals**

Drilled By

Rotary Tools

40'-10253'

Cable Tools**19. Producing Interval(s), of this Completion -Top, Bottom, Name**

9970'-9990'

Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CNL/LDT/NGT, DLL/MSFL

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	405'	17.5"	450 sxs.	circ.
9 5/8"	36	2085'	12.25"	700 sxs.	circ.
5 1/2"	17# & 15.5#	10,253'	8.75"	2855 sxs.	circ.

24.**LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9881'	9891'

26. Perforation Record (Interval, size and number)

9970'-9990'

.36"

4 SPF

27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**DEPTH INTERVAL**

9970'-9990'

AMOUNT AND KIND OF MATERIAL USED

1500 gals. 7 1/2% acid

and 104,500 scf N2

28. PRODUCTION**Date First Production**

7/2/2004

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

Flowing

Well Status (Prod. or shut-in)

prod.

Date of Test

7/11/2004

Hours Tested

24

Choke Size

15/64

Prod'n For

Test Period

Oil - BBL.

18.72

Gas - MCF

1669

Water - BBL.

0

Gas-Oil Ratio**Flow Tubing Press.**

750#

Casing Pressure**Calculated 24-**

Hour Rate

Oil - BBL.

18.72

Gas - MCF

1669

Water - BBL.

0

Oil Gravity - API (Corr.)

59.0

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

Sold

Test Witnessed By

Greg Boans

30. List of Attachments

Electric Logs, Deviation Report

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



Printed

Name Karen J. LeishmanTitle Engineering Tech.Date 7/21/2004

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.

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 8 8 8 2	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 9 4 5 4	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3 6 4	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 5 9 8	T. Devonian	T. Menefee	T. Madison
T. Queen 1 1 5 6	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 1 5 8 6	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1 9 3 8	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3 3 1 6	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Dinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T. Morrow 9 6 4 4	T. Wingate	T.
T. Wolfcamp 6 5 3 0	T. Lower Morrow 9 7 9 0	T. Chinle	T.
T. Penn 8 0 8 6	T. Chester 1 0 0 7 0	T. Permian	T.
T. Cisco (Bough C)	T. TD 1 0 4 2 5	T. Penn "A"	T.

No. 1, from to.....
No 2, from to.....
No 3, from to.....
No 4, from to.....

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

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

OPERATOR: YATES DRILLING CO
WELL/LEASE: YDC/MULE TRAIN 16 ST COM #2
COUNTY: EDDY, NM

512-5061

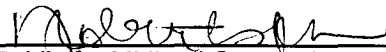
STATE OF NEW MEXICO
DEVIATION REPORT

156	3/4
368	1/4
614	3/4
862	3/4
1,117	1
1,370	1
1,675	1 1/4
2,039	3/4
2,515	1/2
2,991	3/4
3,498	1
3,974	1/4
4,451	1/2
4,896	1
5,372	1
5,845	1
5,909	1 1/4
6,670	1
7,145	3/4
7,556	3/4
8,032	1
8,474	1 1/4
8,739	2
8,802	1 1/4
9,055	1
9,311	3/4
9,564	3/4
9,980	1
10,250	1

By: 

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 19th day of May, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.


Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007

