

Submit to Appropriate
District Office
State Lease - 6 copies
Federal Lease - 5 copies

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

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

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

WELL API NO.

30-015-30562

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

2029

7. Lease Name or Unit Agreement Name

Mule Train 16 State Com

8. Well No.

1

9. Pool name or Wildcat

Red Lake Morrow NE

Empire Penny
76440

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 ☐

DIFF
RESVR ☐

OTHER ☐

2. Name of Operator

Yates Drilling Company

3. Address of Operator

105 South 4th Street, Artesia, NM 88210

4. Well Location

Unit Letter G: 1500 Feet From The North Line and 1650 Feet From The East Line

Section 16

Township 17S

Range 28E

NMPM

Eddy

County

10. Date Spudded
9-28-99

11. Date T.D. Reached
11-2-99

12. Date Compl. (Ready to Prod.)
12-3-99

13. Elevations (DF & RKB, RT, GR, etc.)
3540' GR

14. Elev. Casinghead
-

15. Total Depth
10,250'

16. Plug Back T.D.
10,190'

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools
40-10260

Cable Tools
-

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

9853'-9877' Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CNL/LDC, BHC & Laterolog

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
16"		40'	22"	Cement to surface	
11 3/4"	42#	405'	14 3/4"	400 sxs.-circulate	
8 5/8"	24#	2010'	11"	850 sxs.-circulate	
5 1/2"	17# & 15.5#	10250'	7 7/8"	875 sxs.	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9700'	9700'

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

9853'-9877' 100 .42" holes

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
12-3-99		Flowing					Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
12-7-99	24 hrs.	15/64		33	2411	-	73/1	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)		
1775	-		33	2411	-	60.2		

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

Sold

Test Witnessed By

Greg Boans

30. List Attachments

Deviation Survey, 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

Karen J. Leishman

Printed
Name

Karen J. Leishman

Title

Eng. Technician

Date 12-14-99

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. Canyon _____
T. Salt _____	T. Strawn 8898'
B. Salt _____	T. Atoka 9429'
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta 3345'	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo 5459'	T. Morrow Clastics 9748'
T. Wolfcamp 6561'	T. Lower Morrow 9822'
T. Penn 8188'	T. Austin Cycle 9911'
T. Cisco (Bough C) _____	T. Chester 10100'

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, 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
0	400	400	Surface				
400	650	250	Redbed, Anhydrite				
650	1510	860	Anhydrite				
1510	1710	200	Anhydrite, Redbed, shale				
1710	3370	1660	Anhydrite, dolomite				
3370	4220	850	Anhydrite, dolomite, sandstone				
4220	6620	2400	Dolomite				
6620	8160	1540	Limestone, shale				
8160	8440	280	Dolomite				
8440	9520	1080	Limestone, shale				
9520	9850	330	Limestone, sandstone, shale				
9850	10050	200	Shale, limestone				
10050	10250	200	Limestone				