

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

WELL API NO.

30- 015-32510

5. Indicate Type of LeaseSTATE ☐FEE ☒**6. State Oil & Gas Lease No.****7. Lease Name or Unit Agreement Name**

Pecos River Deep Unit

8. Well No.

8

9. Pool name or Wildcat

McMillan Morrow

1a. Type of Well:OIL WELL ☐GAS WELL ☒DRY ☐OTHER ☐**b. Type of Completion:**NEW ☒WORK ☐DEEPEN ☐PLUG ☐DIFF ☐

WELL

OVER

BACK

RESVR

OTHER ☐**2. Name of Operator**

Yates Drilling Company

3. Address of Operator

105 South 4th Street, Artesia, NM 88210

4. Well LocationUnit Letter I : 1650' Feet From The South Line and 660' Feet From The East LineSection 13Township 20SRange 26E

NMPM

Eddy

County

10. Date Spudded

2-10-2003

11. Date T.D. Reached

3-24-2003

12. Date Compl. (Ready to prod.)

6-14-2003

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

3304' GR

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

10,588'

16. Plug, Back T.D.

10,307'

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

Drilled By

Rotary Tools**Cable Tools**

40-10,588'

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

10,224'-10,290' Morrow

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

FDC-CNL, Azimuthal 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"	48#	420'	17.5"	470 sxs	35 sxs circ.
9 5/8"	36#	2720'	12.25"	970 sxs	60 sxs circ.
7"	26# & 23#	9616'	8.75"	1030 sxs	
4 1/2"	11.6#	10582'	6.125"	120 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

25. TUBING RECORD**26. Perforation Record (Interval, size and number)**

10,224'-10,246' 4SPF, .41"

10,255'-10,258' 4SPF, .41"

10,268'-10,290' 4SPF, .41"

27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**DEPTH INTERVAL****AMOUNT AND KIND OF MATERIAL USED**

10,224'-10,290' 3000 gals HCL 7.5% acid w/
 95400 scf N2.Frac'd w/7.5% HCL
 acid, 3#, 960# 20/40 Interprop,

28. PRODUCTION

60 tons CO2, 418,329 scf N2

Date First ProductionProduction Method (Flowing, gas lift, pumping-size and type of pump)
Flowing**Well Status (Prod. or shut-in)**

SIWOPLC

Date of Test

6/14/03

Hours Tested

24 hrs.

Choke Size

32/48

Prod'n For

Test Period

Oil - BBL.

-

Gas - MCF

1900

Water - BBL.

-

Gas-Oil Ratio

-

Flow Tubing Press.

280 psi

Casing Pressure

-

Calculated 24-

Hour Rate

Oil - BBL.

-

Gas - MCF

1900

Water - BBL.

-

Oil Gravity - API (Corr.)

-

29. Disposition of Gas (Sold, used for fuel, vented, etc.)**Test Witnessed By**

Greg Boans

30. List of Attachments

Deviation Survey, Electric 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. Tech

Date

7/15/03

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	T. Strawn 9336'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 9690'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 672'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1662'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	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 3208'	T. Entrada	T.
T. Abo	T. Third Bone Springs 7348'	T. Wingate	T.
T. Wolfcamp 7846'	T. Morrow Clastics 10131'	T. Chinle	T.
T. Penn	T. Lower Morrow 10428'	T. Permian	T.
T. Cisco (Bough C)	T. TD 10590'	T. Penn "A"	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

OPERATOR: YATES DRILLING CO.
WELL/LEASE: PECOS RIVER DEEP #8
COUNTY: EDDY

055-0015

STATE OF NEW MEXICO
DEVIATION REPORT

171	3/4	9,666	2 1/4
258	1	9,870	1
375	3/4	10,288	1
768	3/4	10,580	1
1,301	1 1/4		
1,614	1/2		
2,085	1/2		
2,592	3/4		
3,154	3/4		
3,628	1/2		
4,101	1		
4,606	2		
4,890	2 1/4		
5,013	2 1/4		
5,139	2 3/4		
5,265	2 3/4		
5,390	2 1/4		
5,516	2 3/4		
5,641	2		
5,766	2		
5,891	2		
6,112	1 1/4		
6,362	1 1/2		
6,615	1 1/4		
7,087	1		
7,587	1 3/4		
7,775	2		
7,994	1 1/2		
8,589	1 1/2		
8,905	1 1/2		
9,378	1 1/2		



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 31st day of March, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

