

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

Submit to Appropriate
District Office
State Lease -- 6 copies
Fee Lease -- 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
JUL 5 1991

WELL API NO.

30-015-26708

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 PETROLEUM CORPORATION (505) 748-1471

3. Address of Operator
105 South 4th St., Artesia, NM 88210

4. Well Location
Unit Letter I : 1650 Feet From The South Line and 660 Feet From The East Line
Section 13 Township 19S Range 24E NMPM Eddy County

7. Lease Name or Unit Agreement Name

Molly QD Com

8. Well No.

2

9. Pool name or Wildcat

North Dagger Draw U/Penn

10. Date Spudded
9-28-91

11. Date T.D. Reached
10-15-91

12. Date Compl. (Ready to Prod.)
10-28-91

13. Elevations (DF & RKB, RT, GR, etc.)
3620' GR

14. Elev. Casinghead

15. Total Depth
8250'

16. Plug Back T.D.
8200'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By Rotary Tools
0-TD

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
7714-7874' Canyon

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run
CNL/LDT; DLL

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
20"		40'	26"	Redi-Mix	
9-5/8"	36#	1084'	14-3/4"	900 sx	
7"	23# & 26#	8250'	8-3/4"	1725 sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	7900'	

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

7717-7874' w/78 - .50" Holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
7717-7874' w/18600g. 20% NEFE acid.

PRODUCTION

28.		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
Date First Production		Pumping					Producing	
10-26-91							Gas - Oil Ratio	
		Choke Size		Prod'n For	Oil - Bbl.	Gas - MCF	Water - Bbl.	2852
Date of Test	Hours Tested	2"	Test Period	676	1928	394		
10-28-91	24							
Flow Tubing Press.	Casing Pressure	Calculated 24-	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)		
		Hour Rate	676	1928	394	43°		
400	380					Test Witnessed By		
						Norbert McCaw		

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

Sold - Connected to Yates Gas Gathering 10-26-91

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 *Juanita Goodlett*

Printed Name Juanita Goodlett

Title Production Supvr Date 10-31-91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Department of Natural Resources, or deepened well. It shall be accompanied by one copy of all logs and test results of all tests conducted, including drill stem tests. All depths reported on the log shall be reported. For multiple completions, the log shall be filed in quintuplicate except on state land, where six copies are required.

Division not later than 20 days after the completion of any newly-drilled well and radio-activity logs run on the well and a summary of all special logs shall be measured depths. In the case of directionally drilled wells, true depths 25 through 29 shall be reported for each zone. The form is to be filed. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORM

Southeastern New Mexico

T. Ahly _____	T. Canyon <u>Lime</u> 754
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres 494	T. Simpson _____
T. Glorieta 1882	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo 4065	T. Canyon Dolo 7692
T. Wolfcamp Lm 5366	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

NCE WITH GEOGRAPHICAL SECTION OF STATE

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. 2, from.....to.....

IMPORTA

Include data on rate of water inflow and elevation to which wa

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

LITHOLOGY RECORD

From	To	Thickness in Feet	Lithology
0	1085	1085	Surface, Gravel, Lin
1085	2340	1255	LS, SS
2340	3062	722	LS
3062	3600	538	Dolo, SS
3600	4630	1030	Dolo
4630	4820	190	Dolo, LS, Sh, Cht
4820	5364	544	Dolo
5364	5980	616	LS, Sh
5980	6226	246	LS, Sh, SS
6226	6660	434	LS, Sh
6660	7700	1040	SS, Sh, LS
7700	8250	550	Dolo, LS, Sd

SANDS OR ZONES

No. 3, from.....to.....
No. 4, from.....to.....

WATER SANDS

rose in hole.

.....feet.....

.....feet.....

.....feet.....

(Attach additional sheet if necessary)

	From	To	Thickness in Feet	Lithology

WELL NAME AND NUMBER F #4 Molly QD Comm #2
LOCATION Section 13, T19S, R24E, Eddy County
(Give Unit, Section, Township and Range)
OPERATOR Yates Petroleum Corporation
DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4 339</u>	<u>1-1/2 5,230</u>	<u> </u>
<u>3/4 406</u>	<u>1-1/2 5,487</u>	<u> </u>
<u>1 1/4 1,085</u>	<u>2 5,784</u>	<u> </u>
<u>3/4 1,578</u>	<u>2 5,784</u>	<u> </u>
<u>3/4 1,975</u>	<u>2 5,938</u>	<u> </u>
<u>3/4 2,469</u>	<u>2 6,133</u>	<u> </u>
<u>1 2,962</u>	<u>2 6,402</u>	<u> </u>
<u>3/4 3,459</u>	<u>1-1/2 6,658</u>	<u> </u>
<u>1 1/4 3,953</u>	<u>2 7,051</u>	<u> </u>
<u>1 1/2 4,108</u>	<u>2 7,301</u>	<u> </u>
<u>1-3/4 4,294</u>	<u>2 7,614</u>	<u> </u>
<u>1-3/4 4,449</u>	<u>2-1/2 7,892</u>	<u> </u>
<u>1-3/4 4,614</u>	<u>3 8,250</u>	<u> </u>
<u>1-1/2 4,800</u>	<u> </u>	<u> </u>
<u>1-3/4 5,020</u>	<u> </u>	<u> </u>

Drilling Contractor McVay Drilling Company

By: Joe Hlynn Jr

Subscribed and sworn to before me this 18th day of October, 19 91

Phyllis Jean Courtwright
Notary Public

My Commision Expires: 12/27/91

Lea County New Mexico