

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-105
Revised 1-1-89

6/3/91
B. J. M.

WELL API NO.

30-015-27189

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Patriot AIZ Com

8. Well No.

2

9. Pool name or Wildcat

North Dagger Draw U/Penn

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER

1-18-0-1993

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER

O. C. D.

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 0 : 760 Feet From The South Line and 1980 Feet From The East Line

Section 20

Township 19S

Range 25E

NMPM Eddy

County

10. Date Spudded

12-23-92

11. Date T.D. Reached

1-13-93

12. Date Compl. (Ready to Prod.)

1-20-93

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

3523' GR

14. Elev. Casinghead

15. Total Depth

8250'

16. Plug Back T.D.

8150'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

0-8250'

Cable Tools

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

7645-7649' Canyon

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run

CNL/LDT; DLL, LSS

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"	RediMix	
9-5/8"	36#	1108'	14-3/4"	1000 sx - circulated	
7"	23# - 26#	8250'	8-3/4"	1500 sx - circulated*	
				DV tool @ 5605'	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7581'	7581'

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

7645-7649' w/6 - .50" holes (2 SPF)

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

7645-49' w/600g. 15% MCA acid.

PRODUCTION

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1-20-93		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-20-93	24	1/2"		285	1274	280	4470
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
500	Pkr		285	1274	280	43°	

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

Sold - connected to YPC Gas Gathering 1-20-93

Test Witnessed By

Joe Chavez

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

Printed

Name

Juanita Goodlett

Title Production Supvr Date 1-31-93

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 LM 7620	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	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 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 710	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 2258	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs LM 3758	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp LM 5654	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	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
0	1108	1108	Surface, Redbeds	7350	7400	50	Sh
1108	2783	1675	Dolo	7400	7466	66	Sh, SS, LS
2783	4000	1217	Lime	7466	7620	154	Sh
4000	4820	820	LS, Sh, Dolo	7620	8048	428	Dolo, Sh, LS
4820	5280	460	Dolo, Sh	8048	8250	202	LS, SS, Sh, Dolo
5280	5500	220	Dolo, SS, Sh				
5500	5568	68	Dolo, LS, SS, Sh				
5568	5722	154	Cht, Dolo, LS				
5722	5820	98	Dolo, Sh				
5820	6000	180	LS, Sh, Dolo				
6000	6186	186	Sh, LS				
6186	6400	214	Dolo, Sh, LS				
6400	6692	292	SS, LS, Sh				
6692	6870	178	Sh, SS				
6870	7282	412	Sh, LS				
7282	7350	68	SS, Sh				