

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

RECEIVED

Form C-105
Revised 1-1-89

WELL API NO.

30-005-62636

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG 5246

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ **JAN 25 '90**

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

O. C. D.

ARTESIA, OFFICE

2. Name of Operator

YATES PETROLEUM CORPORATION

(505) 748-1471

3. Address of Operator

105 South 4th St., Artesia, NM 88210

7. Lease Name or Unit Agreement Name

Pathfinder AFT State

8. Well No.

3

9. Pool name or Wildcat

Undep. Siluro-Ordovician

Diablo Fusselman

4. Well Location

Unit Letter K : 1650 Feet From The South Line and 2310 Feet From The West Line

Section

21

Township

10S

Range

27E

NMPM

Chaves

County

10. Date Spudded

8-21-88

11. Date T.D. Reached

11-24-88

12. Date Compl. (Ready to Prod.)

1-24-90

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

3839.5' GR

14. Elev. Casinghead

15. Total Depth

6650'

16. Plug Back T.D.

6588'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

2102-6650'

Cable Tools

0-2102'

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

6386-6415' Siluro-Ordovician

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CNL/LDT, DLL

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
10-3/4"	40.5#	245'	12 1/4"	Mudded in, pulled out	
8-5/8"	24#	622'	12 1/4"	300 sx	
5-1/2"	15.5#	6650'	7-7/8"	910 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	6360'	6360'

25. TUBING RECORD

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

6386-92, 6401-02, 6408-15 w/56 0.52" Holes
(4 SPF)

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

DEPTH INTERVAL

6386-6415'

AMOUNT AND KIND MATERIAL USED

w/500g. 20% NEFE acid.

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
12-2-88	Flowing	Producing
Date of Test	Hours Tested	Choke Size
1-24-90	17	18/64"
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
950	PKR	360
Oil - Bbl.	Gas - MCF	Water - Bbl.
255	386	-
Oil - Bbl.	Gas - MCF	Water - Bbl.
360	545	-
Oil Gravity - API - (Corr.)		
34-35°		

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

Vented - Will be sold

Test Witnessed By

Bill Hansen

30. List Attachments

Deviation Survey, DST's, Logs (submitted to NMOCD)

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 Supv. Date 1-24-90

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 _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss 6211	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 1406	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 2582	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock YESI 2664	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo 4838	T. Siluro-Ordovician-6244	T. Wingate _____	T. _____
T. Wolfcamp 5512	T. Precambrian -6564	T. Chinle _____	T. _____
T. Penn 6158	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) 6044	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	100	100	Surface, Rock, Sd	5580	6160	580	Lm, Sh
100	245	145	Sd, Sh	6160	6280	120	Lm, Sh, Sd
245	395	150	Anhy	6280	6580	300	Dolo, Cht
395	2100	1705	Anhy, Sh, Lm	6580	6650	70	Qtz
2100	2140	40	Dolo				
2140	2410	270	LS				
2410	2538	128	Dolo, Anhy, LS				
2538	3080	542	Dolo, Sd, Anhy, Lm				
3080	3400	320	Sh, Salt, Dolo, SS				
3400	3500	100	Dolo, Anhy, Sh				
3500	3774	274	Salt, Sh, Dolo, Anhy				
3774	3880	106	Dolo, Anhy				
3880	4066	186	Dolo, Anhy, Salt				
4066	4620	554	Anhy, Dolo, Sd				
4620	4810	190	Anhy, Dolo				
4810	5420	430	Shale				
5420	5580	340	Shale, Dolo				