

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

JAN 10 '91

Form C-105
Revised 1-1-89

WELL API NO.
30-005-62810

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG-5246

7. Lease Name or Unit Agreement Name
Pathfinder AFT State

8. Well No.
11

9. Pool name or Wildcat
Diablo-Fusselman Associated

WELL COMPLETION OR RECOMPLETION REPORT

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

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

4. Well Location
Unit Letter J: 1650 Feet From The South Line and 1980 Feet From The East Line
Section 21 Township 10S Range 27E NMPM Chaves County

10. Date Spudded
11-30-90

11. Date T.D. Reached
12-19-90

12. Date Compl. (Ready to Prod.)
1-7-91

13. Elevations (DFA RKB, RT, GR, etc.)
3835' GR

14. Elev. Casinghead

15. Total Depth
6430'

16. Plug Back T.D.
6425'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By
Rotary Tools
0-TD

19. Producing Interval(s), of this completion - Top, Bottom, Name
6387-6397' Siluro-Ordovician

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
9-5/8"	36#	1000'	12 1/4"	200 sx	
7"	23# & 26#	6430'	8-3/4"	1300 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	6318'

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
6387-6397' w/40 - .42" Holes (4 SPF)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		6387-6397'	w/500g. 20% NEFE acid

PRODUCTION

28. Date First Production 12-28-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 1-7-91	Hours Tested 24	Choke Size 12/64"	Prod'n For Test Period	Oil - Bbl. 228	Gas - MCF 509	Water - Bbl. 2	Gas - Oil Ratio 2232
Flow Tubing Press. 1100#	Casing Pressure Pkr	Calculated 24-Hour Rate	Oil - Bbl. 228	Gas - MCF 509	Water - Bbl. 2	Oil Gravity - API - (Corr.) 41°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold - connected to pipeline 12-28-90

Test Witnessed By
Paul Hanes

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 1-8-91

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
B. Salt	T. Atoka
T. Yates	T. Miss 6194
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres 1381	T. Simpson
T. Glorieta 2558	T. McKee
T. Paddock YESO 2638	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo 4840	T. Siluro-Ordovician 6266
T. Wolfcamp 5578	T.
T. Penn Clastic 6173	T.
T. Cisco (Bough C) 6050	T.

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.....
 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	40	40	Surface, Rock	5820	6200	380	LS, Sh
40	1200	1160	Redbeds, Anhy	6200	6290	90	LS, Sh, Cong
1200	1240	40	SS, Sh, Dolo	6290	6430	140	Dolo, Cht
1240	1380	140	SS, Sh				
1380	1830	450	Dolo, Anhy				
1830	2080	250	Dolo				
2080	2380	300	LS, Sh				
2380	2520	140	LS,Dolo, Anhy				
2520	2840	320	SS, Anhy, Dolo, Sh				
2840	3700	860	Dolo, Anhy, Sh				
3700	4030	330	Dolo, Anhy				
4030	4050	20	Dolo, Anhy, Salt				
4050	4260	210	Dolo, Anhy, Sd, Salt				
4260	4840	580	Anhy, Dolo				
4840	4978	138	Sh, Anhy				
4978	5200	222	Sh				
5200	5400	200	Sh, Dolo, Anhy				
5400	5560	160	Dolo, Sh				
5560	5820	260	LS				

ARTESIA FISHING TOOL COMPANY

P. O. BOX 670 PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

RECEIVED

JAN 22 '91

O. C. D.
ARTESIA OFFICE

December 28, 1990

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

Re: Pathfinder AFT State #11
1650' FSL & 1980' FEL
Sec. 21, T10S, R27E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
500'	1/2°
1000'	1/2°
1520'	1/4°
2048'	1/2°
2515'	3/4°
3015'	1°
3494'	1 1/2°
3992'	1°
4490'	1 1/4°
5015'	1 1/2°
5544'	1 1/2°
5972'	1 3/4°
6430'	1 3/4°

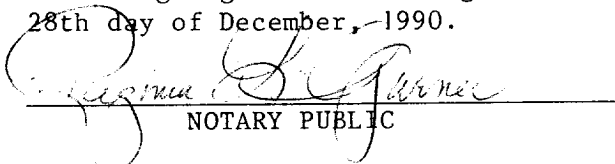
Very truly yours,



C. E. LaRue
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this
28th day of December, 1990.


NOTARY PUBLIC