

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

FEB 28 1991

Form C-105
Revised 1-1-89

CID
BLM
B/M
S/L

WELL API NO.
30-005-62820

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG 5246

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 ☐

7. Lease Name or Unit Agreement Name
Pathfinder AFT State

2. Name of Operator
YATES PETROLEUM CORPORATION

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

8. Well No.
12

9. Pool name or Wildcat
Diablo Fusselman Associated

4. Well Location
Unit Letter G : 2300 Feet From The North Line and 2214 Feet From The East Line

Section 21 Township 10S Range 27E NMPM Chaves County

10. Date Spudded
1-5-91

11. Date T.D. Reached
1-19-91

12. Date Compl. (Ready to Prod.)
2-24-91

13. Elevations (DF & RKB, RT, GR, etc.)
3833' GR

14. Elev. Casinghead

15. Total Depth
6435'

16. Plug Back T.D.
6420'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By
Rotary Tools
0-6435'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
6400-6408' Siluro Ordovician

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
CNL/FDC; 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#	990'	12 1/2"	500 sx	
7"	23 & 26#	6435'	8-3/4"	1800 sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	6392'	6392'

26. Perforation record (interval, size, and number)
Sand Jet Cut 6400', 6401' (2 holes/ft)
Sand Jet Cut 6407', 6408' (2 holes/ft)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6400-08'	w/1000g. NEFE 15% acid +
	500 g. 2% KCL wtr.

PRODUCTION

28. Date First Production
2-9-91

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-24-91	24	16/64"		71	96	-0-	1828

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
55	-		71	96	-0-	40-43°

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold - Connected to pipeline 2-9-91

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 2-26-91

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 ~~chemical~~ 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	
T. Salt		T. Atoka	
T. Yates		T. Miss	6237
T. 7 Rivers		T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres	1403	T. Simpson	
T. Glorieta	2579	T. McKee	
T. Paddock	YESO 2659	T. Ellenburger	
T. Blinbry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo	4855	T. Siluro/Ordovician	6272
T. Wolfcamp	5550	T.	
T. Penn. Clastic	6189	T.	
T. Cisco (Bough C)	6074	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	200	200	Surface, Sandy, Redbeds	4270	4860	590	Anhy, Dolo
200	841	641	Redbeds, Anhy	4860	5180	320	Sh, Anhy
841	1160	319	Anhy, Redbeds, Salt	5180	5580	400	Anhy, Sh, Dolo
1160	1400	240	Sh, Sd, Anhy	5580	6290	710	LS, Sh
1400	1760	360	Anhy, Dolo	6290	6435	145	Dolo, Cht
1760	1860	100	Dolo				
1860	1970	110	Dolo, Anhy				
1970	2090	120	Dolo				
2090	2450	360	LS, Sh				
2450	2660	210	Dolo, Sd				
2660	2850	190	SS, LS, Dolo, Sh				
2850	2950	100	Dolo, Anhy, Sh				
2950	3120	170	Dolo, Anhy				
3120	3190	70	Dolo, Salt, Sh				
3190	3400	210	Dolo, Anhy, Sh, Sd				
3400	3700	300	Dolo, Anhy, Sh, salt				
3700	4110	410	Dolo, Anhy				
4110	4270	160	Dolo, Anhy, Sd				

ARTESIA FISHING TOOL COMPANY

P. O. BOX 470 PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

RECEIVED

FEB 28 1991

O. C. D.
ARTESIA, OFFICE

January 23, 1991

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

Re: Pathfinder AFT State #12
2300' FNL & 2214' FEL
Sec. 21, T10S, R27E
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
486'	3/4°
990'	1°
1160'	3/4°
1706'	1/4°
2235'	1/2°
2731'	1/2°
3196'	3/4°
3699'	1°
4228'	1°
4697'	3/4°
5194'	1/2°
5753'	1°
6253'	1 1/4°
6435'	2°

Very truly yours,



C. E. LaRue
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this
23rd day of January, 1991.


NOTARY PUBLIC

