

API #30-005-62638

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

LG 5246

7. Unit Agreement Name

8. Farm or Lease Name

Pathfinder AFT State

9. Well No.

1

10. Field and Pool, or Wildcat

Diablo San Andres

12. County

Chaves

19. Elev. Casinghead

18. Elevations (DF, RKB, RT, GR, etc.)

3846.6' GR

23. Intervals Drilled By

Rotary Tools

X

Cable Tools

25. Was Directional Survey Made

No

27. Was Well Cored

No

OIL CONSERVATION DIVISION

P. O. BOX 20811

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

SEP 19 '88

O. C. D.
ARTESIA, OFFICE

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

13. 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. Location of Well

UNIT LETTER 0 LOCATED 990 FEET FROM THE South LINE AND 1650 FEET FROM

THE East LINE OF SEC. 21 TWP. 10S RGE. 27E

15. Date Spudded

7-26-88

16. Date T.D. Reached

7-30-88

17. Date Compl. (Ready to Prod.)

9-9-88

20. Total Depth

2200'

21. Plug Back T.D.

2160'

22. If Multiple Compl., How Many

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

2003-2095' San Andres

25. Type Electric and Other Logs Run

CNL/LDT; DLL

26. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	654'	12-1/4"	400 SX	
4-1/2"	10.5#	2200'	7-7/8"	200 SX	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	2102'	

31. Perforation Record (Interval, size and number)

2003-2095' w/21 .6" Holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2003-2095'	w/5000g. 20% acid.

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping -- Size and type pump)				Well Status (Prod. or Shut-in)	
8-24-88		Pumping				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9-9-88	24	-	→	71	20	-0-	282
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-	→	71	20	-0-	25.3°	

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

Vented - There are no dwellings within six miles of location.

Test Witnessed By

Tom Benedict

35. List of Attachments

Deviation Survey, Logs

36. 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.

SIGNED

TITLE Production Supervisor

DATE 9-14-88

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-filled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 depth shall also be reported. For multiple completions, from 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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"
U. 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 866	T. Silurian	T. Point Lookout	T. Elbert
T. Grayson PENROSE-966	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1395	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddeock	T. Ellenburger	T. Dakota	T.
T. Blinobry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	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. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, 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.....
No. 4, from.....to.....	feet.....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	200	200	Sandy - Shale				
200	300	100	Anhy, Shale				
300	400	100	Red Sand				
400	1390	990	Red-Grey Sd, Anhy, Red Sd				
1390	1990	600	Dolo, Anhy				
1990	2140	150	Dolo w/oil stain scattered				
2140	2200	60	Lime				

WELL NAME AND NUMBER Pathfinder AFT State No. 1
LOCATION Section 21, T10-S, R27-E, 1650' FEL & 990' FSL, Chaves County, N. M.
OPERATOR Yates Petroleum Corporation RECEIVED
DRILLING CONTRACTOR United Drilling, Inc. SEP 19 '88

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

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° 496'</u>	<u> </u>	<u> </u>
<u>1° 993'</u>	<u> </u>	<u> </u>
<u>3/4° 1514'</u>	<u> </u>	<u> </u>
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Drilling Contractor United Drilling, Inc.

By: G. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 1st day of August, 19 88

Karma Tankersley
Notary Public

My Commision Expires: 9-25-91

Chaves County New Mexico