

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

WELL API NO.

30-005-62779

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.

8

9. Pool name or Wildcat

Diablo SA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 G : 2310 Feet From The North Line and 2239 Feet From The East Line

Section 21 Township 10S Range 27E NMPM Chaves County

10. Date Spudded
5-23-90

11. Date T.D. Reached
7-27-90

12. Date Compl. (Ready to Prod.)
8-12-90

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

14. Elev. Casinghead

15. Total Depth
2100'

16. Plug Back T.D.
2040'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By Rotary Tools

Cable Tools
0-TD

19. Producing Interval(s), of this completion - Top, Bottom, Name
1992-2065' San Andres

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
Comp. Neutron

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
8-5/8"	24#	535'	12 1/4"	450 sx	
5 1/2"	15.5#	2080'	8"	225 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	2004'	

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

1992-2065' w/27 - .42" Holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
1992-2065' w/10000g. 20% acid

PRODUCTION

28. Date First Production 8-11-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 8-12-90	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 5	Gas - MCF 10	Water - Bbl. 2	Gas - Oil Ratio 2000
Flow Tubing Press. 40	Casing Pressure 40	Calculated 24-Hour Rate	Oil - Bbl. 5	Gas - MCF 10	Water - Bbl. 2	Oil Gravity - API - (Corr.) 25	

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

Vented - will be connected to pipeline approximately 3 weeks

Test Witnessed By
Paul Hanes

30. List Attachments
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 8-21-90

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 _____ 272	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 355	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 865	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1395	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	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. 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	40	40	Sand, Rock, Surface				
40	440	400	Anhy				
440	470	30	Anhy, Sh				
470	1020	550	Anhy				
1020	1300	280	Anhy, Sd				
1300	1440	140	Sd, Jip				
1440	1945	505	Lm				
1945	1965	20	Brown Sd, Lm				
1965	2100	135	Brown Dolo, Lm				

Submit 3 Copies
to Appropriate
District Office

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Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

AUG 15 '90

WELL API NO. 30-005-62779
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG 5246
7. Lease Name or Unit Agreement Name Pathfinder AFT State
8. Well No. 8
9. Pool name or Wildcat Diablo SA
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3833' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator YATES PETROLEUM CORPORATION
3. Address of Operator 105 South 4th St., Artesia, NM 88210	4. Well Location Unit Letter G : 2310 Feet From The North Line and 2239 Feet From The East Line Section 21 Township 10S Range 27E NMPM Chaves County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Production Casing, Perforate, Treat <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 2100'. Reached TD 7-27-90. Ran 50 joints 5-1/2" 15.5# J-55 LT&C casing set 2080', Float shoe set 2080'. Float collar set 2040'. Cemented with 500 gals SureBond. Tailed in w/225 sx Class C + 5# salt (yield 1.32, wt 14.8). PD 4:00 PM 7-30-90. Bumped plug to 750 psi for 3 minutes, held OK. 8-8-90. Perforated 1992-2065' w/27 .42" holes as follows: 1992, 93, 94, 98, 99, 2000, 03, 14, 15, 16, 17, 18, 19, 25, 26, 27, 28, 29, 39, 40, 41, 58, 59, 60, 62, 63 and 2065'. Acidized perfs 1992-2065' (via 2-7/8" tubing) w/10000 gals 20% NEFE acid.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Juanita Goodlett TITLE Production Supervisor DATE 8-13-90
TYPE OR PRINT NAME Juanita Goodlett TELEPHONE NO. 505/748-1471

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II TITLE DATE AUG 20 1990

CONDITIONS OF APPROVAL, IF ANY: