

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

MAY 8 '89

Form C-105
Revised 1-1-89

CLST
B2M
St. 1d
Bgmt

WELL API NO. 30-005-62665
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 ☐		7. Lease Name or Unit Agreement Name Pathfinder AFT State		
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐				
2. Name of Operator Yates Petroleum Corporation		8. Well No. 5		
3. Address of Operator 150 South 4th St., Artesia, NM 88210		9. Pool name or Wildcat Diablo San Andres		
4. Well Location Unit Letter <u>0</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>East</u> Line Section <u>21</u> Township <u>10S</u> Range <u>27E</u> NMPM Chaves County				
10. Date Spudded 1-31-89	11. Date T.D. Reached 4-8-89	12. Date Compl. (Ready to Prod.) 4-26-89	13. Elevations (DF & RKB, RT, GR, etc.) 3838' GR	14. Elev. Casinghead
15. Total Depth 2061'	16. Plug Back T.D. 2054'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools Cable Tools XX
19. Producing Interval(s), of this completion - Top, Bottom, Name 1980-2046' - San Andres				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Sidewall 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#	541'	12 1/2"	350 sx	
4 1/2"	9.5#	2061'	8"	200 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1903'	1903'

26. Perforation record (interval, size, and number) 1980-2046' w/27 .42" Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	1980-2046'	w/5000g. 20% NEFE acid.

PRODUCTION

28. Date First Production 4-19-89		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 4-26-89	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 80	Gas - MCF 30	Water - Bbl. -0-	Gas - Oil Ratio 375
Flow Tubing Press. 50	Casing Pressure PKR	Calculated 24-Hour Rate	Oil - Bbl. 80	Gas - MCF 30	Water - Bbl. -0-	Oil Gravity - API - (Corr.) 26°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - There are no dwellings within six miles of lease.	Test Witnessed By Tom Benedict
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30. List Attachments Log

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 Juantia Goodlett Printed Name Juantia Goodlett Title Production Supvr Date 5-4-89

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. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____ 1378
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 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	210	210	Surface, rock				
210	445	235	Anhy				
445	585	140	Anhy, Sh				
585	660	75	Anhy, Gyp				
660	800	140	Anhy				
800	900	100	Salt, Anhy				
900	980	80	Anhy				
980	1120	140	Sd				
1120	1150	30	Sd, Anhy				
1150	1515	365	Sd				
1515	1640	125	Brown Lime				
1640	1705	65	Brown Lime, Gyp				
1705	2014	309	Brown Lime				
2014	2061	47	Brown Lime Dolo				