

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. 30-025-36106
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name W. M. Rinewalt
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESER ☐ OTHER ☐	8. Well No. 4
2. Name of Operator Arch Petroleum Inc.	9. Pool name or Wildcat Eunice San Andres, SW
3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340	

4. Well Location Unit Letter <u>E</u> : <u>1930</u> Feet From The <u>North</u> Line and <u>530</u> Feet From The <u>West</u> Line Section <u>4</u> Township <u>22S</u> Range <u>37E</u> NMPM Lea County

10. Date Spudded 03/28/03	11. Date T.D. Reached 04/11/03	12. Date Compl. (Ready to Prod.) 04/11/03	13. Elevations (DF & RKB, RT, GR, etc.) 3440	14. Elev. Casinghead 3441
15. Total Depth 4000	16. Plug Back T.D. 3952	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-4000	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name San Andres 3872-90				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR/CCL CN				22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	32	1110	12-1/4	650 sks	
5-1/2	15.5	4000	7-7/8	660 sks	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	3928	

26. Perforation record (interval, size, and number) 3872-90 (2 spf)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3872-90 AMOUNT AND KIND MATERIAL USED Acid 1800 gals 15% acid
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28. PRODUCTION							
Date First Production 04/11/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 04/21/03	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 106	Water - Bbl. 240	Oil Ratio
Flow Tubing Press. --	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 106	Water - Bbl. 240	Oil Gravity - API - (Corr.) --	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Keith Beckham
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30. List Attachments C-104, Logs, Sundry, Deviation Survey

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 Cathy Tomberlin Printed Name Cathy Tomberlin Title Sr. Oper. Tech Date 05/07/03

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 No. 1

Southeastern New Mexico

Northwestern New Mexico

Northwestern New Mexico					
T. Anhy _____ 1174	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____		
T. Salt _____ 1313	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____		
B. Salt _____ 2433	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____		
T. Yates _____ 2640	T. Miss _____	T. Cliff House _____	T. Leadville _____		
T. 7 Rivers _____ 2811	T. Devonian _____	T. Menefee _____	T. Madison _____		
T. Queen _____ 3241	T. Silurian _____	T. Point Lookout _____	T. Elbert _____		
T. Grayburg _____ 3619	T. Montoya _____	T. Mancos _____	T. McCracken _____		
T. San Andres _____ 3865	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. Permain _____	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

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