

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

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-36331
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Bertie Whitmire
8. Well No. 11
9. Pool name or Wildcat Monument Tubb

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name Bertie Whitmire			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐	8. Well No. 11			
2. Name of Operator Arch Petroleum Inc.	9. Pool name or Wildcat Monument Tubb			
3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340				
4. Well Location Unit Letter <u>B</u> : <u>660</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>East</u> Line Section <u>8</u> Township <u>20S</u> Range <u>37E</u> NMPM <u>Lea</u> County				
10. Date Spudded 07/23/03	11. Date T.D. Reached 09/01/03	12. Date Compl. (Ready to Prod.) 09/20/03	13. Elevations (DF & RKB, RT, GR, etc.) 3549'	14. Elev. Casinghead 3550'
15. Total Depth 7500'	16. Plug Back T.D. 7453'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-7500'	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Tubb 6476-84				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Spectra GR-CNL-LDT-CL & GR-DLL-MDFL				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	32	1195	17-1/2	780 sks	
7	26	4365	7-7/8	525 sks	
4-1/2	11.6	7500	6-1/8	1000 sks	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	6465	

26. Perforation record (interval, size, and number) Tubb 6476-84 (4 spf)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 6476-84 AMOUNT AND KIND MATERIAL USED Acdz w/ 1000 gals 15% acid Frac w/ 145,000# 20/40 Ottawa + 40,000# 20/40 SLC + 3820#
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28. PRODUCTION							
Date First Production 09/20/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 09/22/03	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - BbL. 228	Gas - MCF 289	Water - BbL. 58	Gas - Oil Ratio 1268:1
Flow Tubing Press. 230	Casing Pressure 1000	Calculated 24-Hour Rate	Oil - BbL.	Gas - MCF	Water - BbL.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Keith Bekham
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30. List Attachments C-104, C-102, Sundry, Deviation Survey
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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 <u>Cathy Wright</u>	Printed Name Cathy Wright	Title Sr Oper Tech	Date 09/23/03

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 specific 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 _____ 2372	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2422	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2648	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3148	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3460	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3710	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 5085	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5170	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 5582	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6312	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____ 6526	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 6934	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. 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