

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.  
30-025-28731

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.  
14899

7. Lease Name or Unit Agreement Name

C. D. Woolworth

8. Well No.

6

9. Pool name or Wildcat  
Jalmat Tansill-  
Yates-7 Rivers (~~Prorated Gas~~)

**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  
Arch Petroleum Inc.

3. Address of Operator  
10 Desta Drive, Suite 420E, Midland, TX 79705

4. Well Location  
Unit Letter 0: 660 Feet From The South Line and 1960 Feet From The East Line  
Section 30 Township 24S Range 37E NMPM Lea County

10. Date Spudded 5/30/84 11. Date T.D. Reached 6/6/84 12. Date Compl. (Ready to Prod.) 4/1/96 13. Elevations (DF & RKB, RT, GR, etc.) RKB=3267' GR=3254' 14. Elev. Casinghead

15. Total Depth 3750' 16. Plug Back T.D. 3450' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools X

19. Producing Interval(s), of this completion - Top, Bottom, Name 3179'-3408' Jalmat 20. Was Directional Survey Made

21. Type Electric and Other Logs Run 22. Was Well Cored

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	402'	14-3/4"	400 sx circ	
7"	26#	3749'	9-1/2"	1900 sx circ	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	3286'	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
3179', 3181', 3183', 3232', 3248', 3260', 3310', 3320', 3339', 3351', 3353', 3378', 3402', 3405' & 3408' w/4 - 0.45" JHPF				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
				3179'-3408'	2,000 g 15% NEFE HCL
				3179'-3408'	4,500 g 15% NEFE HCL in
					4=stages blocked w/2000# GRS

28. PRODUCTION							
Date First Production 4/1/96		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Production	
Date of Test 4/15/96	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 3	Gas - MCF 30	Water - Bbl. 110	Gas - Oil Ratio 10,000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 3	Gas - MCF 30	Water - Bbl. 110	Oil Gravity - API - (Corr.) 36.1	

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

30. List Attachments

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 Bobbie Brooks Printed Name Bobbie Brooks Title Prod. Analyst Date 4/23/96