

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

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-105  
Revised 1-1-89

clsf  
Blum  
Bgm

WELL API NO.  
30-015-29445

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.  
20587

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 ☐

7. Lease Name or Unit Agreement Name

Rogers

2. Name of Operator  
Arch Petroleum, Inc.

8. Well No.  
2

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

9. Pool name or Wildcat  
Atoka, Glorieta-Yeso

4. Well Location  
Unit Letter H : 2310 Feet From The North Line and 330 Feet From The East Line  
Section 23 Township 18S Range 16E NMPM Eddy County

10. Date Spudded 06/05/97 11. Date T.D. Reached 06/14/97 12. Date Compl. (Ready to Prod.) 07/09/97 13. Elevations (DF & RKB, RT, GR, etc.) 3302' GR 14. Elev. Casinghead

15. Total Depth 3650 16. Plug Back T.D. 3638 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 2906-2957', 2976-3316', Glorieta 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CL/GR, CPD/CNL, DDL/ML 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	992	12-1/4	700 sx Class "C"	
				Circulated 194 sx to surface	
4-1/2"	11.6	3650	7-7/8	820 sx Class "C"	
				Circulated 50 sx to surface	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	2876

26. Perforation record (interval, size, and number)  
2906', 2914', 2922', 2931', 2939', 2949', 2957'  
2976', 3007', 3052', 3065', 3090', 3101', 3112', 3148', 3231', 3251', 3282', 3316'; 4 JHPF  
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
2906-2957 2200 gals 15% HCL Acid  
2976-3316 3000 gal 15% NEFE HCL  
2906-3316 53,000 gal 30# X-Link gel w/173,000# 16/30 Brady sand

PRODUCTION

28. Date First Production 07/10/97 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Prod.  
Date of Test 07/29/97 Hours Tested 24 Choke Size Prod'n For Test Period Oil - BbL. 47 Gas - MCF 26 Water - BbL. 227 Gas - Oil Ratio 553  
Flow Tubing Press. Casing Pressure 35# Calculated 24-Hour Rate Oil - BbL. Gas - MCF Water - BbL. Oil Gravity - API - (Corr.) 37.5

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

30. List Attachments  
C-104, Inclination Report, 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 Robin S. McCarley Printed Name Robin S. McCarley Title Technical Assistant Date 09/03/97