

N.M. Oil Cons. Division  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1626 N French Dr.  
Hobbs, NM 88240

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 20075. Lease Serial No.  
LC-0301871a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resrv.,  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
Arch Petroleum Inc.8. Lease Name and Well No.  
C. E. Lamunyon #233. Address  
P.O. Box 10340, Midland, TX 797023a. Phone No. (include area code)  
432-685-81009. AFI Well No.  
30-025-22402

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 660' FNL &amp; 1980' FEL

At top prod. interval reported below same

At total depth same

10. Field and Pool, or Exploratory  
Jalmat Tansil Yates 7 Rvrs11. Sec., T., R., M., on Block and  
Survey or Area Sec 28, T23S, R37E12. County or Parish  
Lea County13. State  
NM

14. Date Spudded

15. Date T.D. Reached

16. Date Completed 01/24/04  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
3299'18. Total Depth: MD  
TVD19. Plug Back T.D.: MD 5133'  
TVD20. Depth Bridge Plug Set: MD 3069'  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☐ No ☐ Yes (Submit analysis)  
Was DST run? ☐ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☐ Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
		2495						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Yates	2835	2523			18	
B)						
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
2835-2523	Acidz w/ 1000 gals 15% acid
	Frac w/ 120,600# 20/40 Brady sd + 30,000# 20/40 SLC

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/24/04	1/26	24	→	0	915	104	---	.726	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2 1/2" 64	480		→					SI pending approval of special pool rules for Jalmat Gas pool. Well turned to production 09/10/04	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD  
(ORIG. SGD.) DAVID R. GLASS  
OCT 14 2004  
DAVID R. GLASS  
PETROLEUM ENGINEER

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

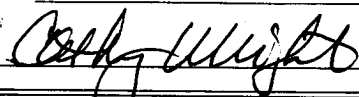
- ☐ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☒ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☒ Other: C-104

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cathy Wright

Title Sr. Eng. Tech

Signature



Date

10/12/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Form 3160-4, page 2)