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

CISF
BJM BJM

Form C-105
Revised 1-1-89

WELL API NO.
30-015-29443

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
20586

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

SEP - 8 1997

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

7. Lease Name or Unit Agreement Name
Martin

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 N : 330 Feet From The South Line and 2310 Feet From The West Line

Section 23 Township 18S Range 26E NMPM Eddy County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. *(Ready to Prod.)*	13. Elevations *(DF & RKB, RT, GR, etc.)*	14. Elev. Casinghead
07/05/97	07/15/97	08/05/97	3308' GR	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
3616'	3604'			X	

19. Producing Interval(s), of this completion - Top, Bottom, Name
2811'-3375' Glorieta

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
GR/CPD/CNL/CL, DR/DLL/MLL

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	24#	999'	12-1/4	700 sx Class "C"	
				Circulated 200 sx to surface	
4-1/2	11.6#	3616	7-7/8	875 sx Class "C"	
				Circulated 168 sx to surface	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	2645'	

26. Perforation record (interval, size, and number)
2810', 2828, 2843', 2870', 2876', 2892', 2900', 2952', 2964', 2977', 3028', 3035', 3101', 3187', 3241', 3263', 325', 3333', 3359', 3374', 3'/8" csg gun
4 JHPF, Total 80 Holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2811-3375	4100 gal. 15% NEFE acid
2811-3375	24,880 gals 30# X-Link gel w/68,000# 16/30 sand

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
08/05/97	Pumping	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - BbL.	Gas - MCF	Water - BbL.	Gas - Oil Ratio
08/09/97	24			27	20	65	740

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BbL.	Gas - MCF	Water - BbL.	Oil Gravity - API - *(Corr.)*
	35#					37.3

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

Test Witnessed By

30. List Attachments
C-104, Inclination Report, Loggs

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 09/05/97

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		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	230.0	T. Devonian		T. Menefee		T. Madison	
T. Queen	418.0	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	820.0	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	1091.0	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta	2698.0	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 2810 to 3375 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 ... 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
0.0	230.0		shale, sand, gravel				
230.0	418.0		Anhydrite				
418.0	820.0		Anhydrite, sand, shale				
820.0	1091.0		Anhydrite, dolomite, shal				
1091.0	3472.0		Dolomite, Anhydrite, shal				
3472.0	3616.0		Silty dolomitic sand				