

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.  
30-025-34756

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.  
24619

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  
P. O. Box 10340, Midland, TX 79702-7340

4. Well Location  
Unit Letter B : 330 Feet From The North Line and 2310 Feet From The East Line  
Section 21 Township 23S Range 37E NMPM Lea County

10. Date Spudded 02/11/00 11. Date T.D. Reached 02/23/00 12. Date Compl. (Ready to Prod.) 03/06/00 13. Elevations (DF & RKB, RT, GR, etc.) 3302 GR 14. Elev. Casinghead 3303

15. Total Depth 5900 16. Plug Back T.D. 5893 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 Lower Paddock 5190-5220 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CPNL 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#	1126	12-1/4	765 sxs-circ 150 sxs	
5-1/2	17#	5900	7-7/8	1730 sxs-TOC surface	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	5096

26. Perforation record (interval, size, and number) 5190'-5220' (2 SPF)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5190-5220	Acidz w/ 1000 gals 15% HCL Frac w/ 59,500# 16/30 Ottawa

PRODUCTION

Date First Production 03/07/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 03/09/00	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - BbL. 230	Gas - MCF 301	Water - BbL. 77	Gas - Oil Ratio 1309:1
Flow Tubing Press. 250	Casing Pressure 890	Calculated 24-Hour Rate	Oil - BbL. 230	Gas - MCF 301	Water - BbL. 77	Oil Gravity - API - (Corr.) 37.7	

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

30. List Attachments  
Log, C-104, C-102, Sundry, Deviation Survey

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 Cathy Tomberlin Printed Name Cathy Tomberlin Title Operation Tech Date 03/14/00

## 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	1028.0	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1127.0	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	2378.0	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2563.0	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	2798.0	T. Devonian	T. Menefee	T. Madison
T. Queen	3144.0	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	3573.0	T. Montoya	T. Mancos	T. McCracken
T. San Andres	3836.0	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	4932.0	T. McKee	Base Greenhorn	T. Granite
T. Paddock	5041.0	T. Ellenburger	T. Dakota	T.
T. Blinebry	5300.0	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. Permian	T.
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from 5170 to 5224  
No. 2, from 5340 to 5760  
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
1028.0	1127.0		Anhydrite
1127.0	2378.0		Salt
2378.0	3573.0		ss, sh, dolo
3573.0	4932.0		dolo
4932.0	5041.0		ss, dolo
5041.0	5300.0		dolo