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

WELL API NO.
30-025-34957

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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
Stephens Estate

2. Name of Operator
Arch Petroleum Inc.

CONFIDENTIAL

8. Well No.
5

3. Address of Operator
P. O. Box 10340, Midland, TX 79702-7340

9. Pool name or Wildcat
Wantz Abo

4. Well Location
Unit Letter K : 2310 Feet From The South Line and 1650 Feet From The West Line

Section 24 Township 21 Range 37 NMPM Lea County

10. Date Spudded	11. Date T.D. Reachec	12. Date Compl. *(Ready to Prod.)*	13. Elevations *(DF & RKB, RT, GR, etc.)*	14. Elev. Casinghead
11/01/00	11/19/00	12/24/00	3421	3422

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
7400	7357			☒	

19. Producing Interval(s), of this completion - Top, Bottom, Name
Abo 7027-7236 (OA)

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
ZDL/CN/ML & DIFL

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
13-3/8	48	538	17-1/2	595 sks-circ 300 sks	
8-5/8	32	3000	11	1500 sks -circ 250 sks	
5-1/2	17	7400	7-7/8	1400 sks - TOC @ 2896'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	7279	

26. Perforation record (interval, size, and number)
7027'-7236' (OA) 62 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7027-7236	Acdz w/ 2000 gals 20% acid
	Re-acdz w/ 60,000 gals 20% acid

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
12/24/00	Pumping	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - BbL.	Gas - MCF	Water - BbL.	Gas - Oil Ratio
12/25/00	24			66	145	91	2197:1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BbL.	Gas - MCF	Water - BbL.	Oil Gravity - API - *(Corr.)*
			66	145	91	40.1

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

Test Witnessed By
Dan Talley

30. List Attachments
C-104, Deviation Survey, Sundry, 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 Cathy Tomberlin Printed Name Cathy Tomberlin Title Operation Tech Date 01/08/01

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	1416.0	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1521.0	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2561.0	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2700.0	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2964.0	T. Devonian		T. Menefee		T. Madison	
T. Queen	3534.0	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3924.0	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4139.0	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta	5312.0	T. McKee		Base Greenhorn		T. Granite	
T. Paddock	5367.0	T. Ellenburger		T. Dakota		T.	
T. Blinebry	5832.0	T. Gr. Wash		T. Morrison		T.	
T. Tubb	6304.0	T. Delaware Sand		T. Todilto		T.	
T. Drinkard	6530.0	T. Bone Springs		T. Entrada		T.	
T. Abo	6824.0	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 7027 to 7236 No. 3, from ..... to .....

No. 2, from 6290 to 6490 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
1416.0	1521.0		anhy				
1521.0	2561.0		salt, shale				
2561.0	3534.0		anhy, dolo, ss				
3534.0	4139.0		dolo, ss, anhy				
4139.0	5367.0		dolo, anhy				
5367.0	6304.0		dolo, ls, anhy				
6304.0	6530.0		dolo, ss, shale				
6530.0	7400.0		dolo, ls, cht				