

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.  
30-025-35013

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

E. C. Hill "B"

2. Name of Operator  
Arch Petroleum Inc.

8. Well No.  
7

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

9. Pool name or Wildcat  
Teague Simpson

4. Well Location  
Unit Letter N : 990 Feet From The South Line and 2290 Feet From The West Line  
Section 27 Township 23 Range 37 NMPM Lea County

10. Date Spudded 04/09/01 11. Date T.D. Reached 05/11/01 12. Date Compl. (Ready to Prod.) 06/03/01 13. Elevations (DF & RKB, RT, GR, etc.) 3275 14. Elev. Casinghead 3276

15. Total Depth 9530 16. Plug Back T.D. 9486 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 McKee 9276'-9304' 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run ZDL/CN/ML, DIFL 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
13-3/8	54.5 & 48	1075	17-1/2	1200 sks - circ 250 sks	
9-5/8	40	2500	12-1/4	1050 sks - circ 245 sks	
5-1/2	17	9530	7-5/8 - 8-1/2	2950 sks - TOC @ 140'	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	9229	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
9276'-9304' ( 2 spf)				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
				9276-9304	Acidz w/ 2000 gals 15% HCL	
					Frac w/ 123,000# 16/30 SDC	

28. PRODUCTION							
Date First Production 06/03/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 06/04/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - BbL. 161	Gas - MCF 156	Water - BbL. 167	Gas - Oil Ratio 969:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BbL. 161	Gas - MCF 156	Water - BbL. 167	Oil Gravity - API - (Corr.) 36.1	

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

30. List Attachments  
C-104, Sundry, Deviation Survey, 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 06/07/01

# 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

T. Anhy \_\_\_\_\_ 1045.0 T. Canyon \_\_\_\_\_  
 T. Salt \_\_\_\_\_ 1147.0 T. Strawn \_\_\_\_\_  
 B. Salt \_\_\_\_\_ 2347.0 T. Atoka \_\_\_\_\_  
 T. Yates \_\_\_\_\_ 2440.0 T. Miss \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_ 2736.0 T. Devonian \_\_\_\_\_ 7150.0  
 T. Queen \_\_\_\_\_ 3005.0 T. Silurian \_\_\_\_\_ 8140.0  
 T. Grayburg \_\_\_\_\_ 3608.0 T. Montoya \_\_\_\_\_ 8703.0  
 T. San Andres \_\_\_\_\_ 3920.0 T. Simpson \_\_\_\_\_ 8842.0  
 T. Glorieta \_\_\_\_\_ 4920.0 T. McKee \_\_\_\_\_ 9133.0  
 T. Paddock \_\_\_\_\_ 4960.0 T. Ellenburger \_\_\_\_\_  
 T. Blinberry \_\_\_\_\_ 5268.0 T. Gr. Wash \_\_\_\_\_  
 T. Tubb \_\_\_\_\_ 5952.0 T. Delaware Sand \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_ 6152.0 T. Bone Springs \_\_\_\_\_  
 T. Abo \_\_\_\_\_ 6425.0 T. \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_ T. \_\_\_\_\_  
 T. Penn \_\_\_\_\_ T. \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_ T. \_\_\_\_\_

## Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_ T. Penn. "B" \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_ T. Penn. "C" \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_ T. Penn. "D" \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_ T. Leadville \_\_\_\_\_  
 T. Menefee \_\_\_\_\_ T. Madison \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_ T. Elbert \_\_\_\_\_  
 T. Mancos \_\_\_\_\_ T. McCracken \_\_\_\_\_  
 T. Gallup \_\_\_\_\_ T. Ignacio Otzte \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_ T. Granite \_\_\_\_\_  
 T. Dakota \_\_\_\_\_ T. \_\_\_\_\_  
 T. Morrison \_\_\_\_\_ T. \_\_\_\_\_  
 T. Todilto \_\_\_\_\_ T. \_\_\_\_\_  
 T. Entrada \_\_\_\_\_ T. \_\_\_\_\_  
 T. Wingate \_\_\_\_\_ T. \_\_\_\_\_  
 T. Chinle \_\_\_\_\_ T. \_\_\_\_\_  
 T. Permian \_\_\_\_\_ T. \_\_\_\_\_  
 T. Penn. "A" \_\_\_\_\_ T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ 6336 to \_\_\_\_\_ 7345 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ 9162 to \_\_\_\_\_ 9430 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
1045.0	1147.0		anhydrite				
1147.0	2347.0		salt, sh				
2347.0	2590.0		sd, sh, anhy				
2590.0	3440.0		anhy, dolo				
3440.0	4440.0		dol, cht				
4440.0	4490.0		dol, coal				
4490.0	6380.0		dolo, ls				
6380.0	7170.0		ls, dolo, cht				
7170.0	8250.0		dolo, ls, cht				
8250.0	8580.0		dolo, cht				
8580.0	8850.0		ls, dolo, cht				
8850.0	9133.0		sh, ls, cht				
9133.0	9530.0		ss, sh, ls				