

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.
30-025-35365

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 "C"

2. Name of Operator
Arch Petroleum Inc.

8. Well No.
3

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

9. Pool name or Wildcat
Teaque - Simpson

4. Well Location
Unit Letter L : 1950 Feet From The South Line and 990 Feet From The West Line
Section 27 Township 23S Range 37E NMPM Lea County

10. Date Spudded 08/13/02 11. Date T.D. Reached 09/07/02 12. Date Compl. (Ready to Prod.) 11/11/02 13. Elevations (DF & RKB, RT, GR, etc.) 3239 14. Elev. Casinghead 3290

15. Total Depth 9580 16. Plug Back T.D. 7552 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 0-9580 Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name McKee 9404-26 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	54.5	1110	17-1/2	1200 sks	
7	26	7750	8-1/2	3875 sks	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
5	7552	9575	600		2-7/8	7077
					2-3/8	9252

26. Perforation record (interval, size, and number)
9404-26 (2 spf)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9404-26	Acidz w/ 1000 gals 15% acid
	Frac w/ 80,040# 20/40 SDC

28. PRODUCTION

Date First Production 11/11/02 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing

Date of Test 11/20/02 Hours Tested 24 Choke Size Prod'n For Test Period Oil - BbL 97 Gas - MCF 68 Water - BbL 129 Gas - Oil Ratio 701:1

Flow Tubing Press Casing Pressure Calculated 24-Hour Rate Oil - BbL Gas - MCF Water - BbL Oil Gravity - API - (Corr.) 34.5

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

30. List Attachments
C104, Sundry, logs, 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

Sr. Oper. Tech

Date

12/02/02

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 1050
T. Salt 1172
B. Salt 2365
T. Yates 2502
T. 7 Rivers 2755
T. Queen 3015
T. Grayburg 3615
T. San Andres 3794
T. Glorieta 4962
T. Paddock 5101
T. Blinberry 5303
T. Tubb 5941
T. Drinkard 6236
T. Abo 6476
T. Wolfcamp
T. Penn
T. Cisco (Bough C)

T. Canyon
T. Strawn
T. Atoka
T. Miss
T. Devonian 7322
T. Silurian 8328
T. Montoya 8610
T. Simpson 8936
T. McKee 9257
T. Ellenburger
T. Gr. Wash
T. Delaware Sand
T. Bone Springs
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todilto
T. Entrada
T. Wingate
T. Chinle
T. Permain
T. Penn. "A"

T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Otzte
T. Granite
T. Penrose 3380
T.
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T.
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T.

OIL OR GAS SANDS OR ZONES

No. 1, from 5300 to 5900
No. 2, from 9300 to 9500
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	From	To	Thickness in Feet	Lithology
1050	1172		anhy				
1172	2365		salt, anhy, sh				
2365	2755		anhy, sh				
2755	3200		anhy, dolo, sh				
3200	6476		dolo				
6476	7322		dolo, lime				
7322	8250		lime, dolo				
8250	8610		dolo				
8610	8936		lime, cht				
8936	TD		sh, sd, lime				