

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO.
30-025-35012

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 "A"

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

SUR Unit Letter O 540 Feet From The South Line and 1850 Feet From The East Line
BLL Section 27 Township 23 Range 37 NMPM Lea County

10. Date Spudded

12/13/00

11. Date T.D. Reached

01/28/01

12. Date Compl. (Ready to Prod.)

02/15/01

13. Elevations (DF & RKB, RT, GR, etc.)

3265

14. Elev. Casinghead

3266

15. Total Depth

9330

16. Plug Back T.D.

9274

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

McKee 9154'-74'

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

ZDL/CN, 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	48	1072	17-1/2	1240 sks - circ 125 sks	
9-5/8	40,43,43.5,47&53.5	3017	12-1/4	1285 sks - circ 126 sks	
5-1/2	17	9330	7-5/8	2400 sks - TOC @ 730'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	9033	

26. Perforation record (interval, size, and number)

9154'-74' (2 spf)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9154-74	Acidz w/ 1000 gals 15% HCL
	Frac w/ 107,000# 16/30 Super DC
	+ 6500# 100 Mesh

28. PRODUCTION

Date First Production 02/15/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 02/16/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - BbL. 95	Gas - MCF 87	Water - BbL. 80	Gas - Oil Ratio 916:1
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - BbL. 95	Gas - MCF 87	Water - BbL. 80	Oil Gravity - API - (Corr.) 36.1	

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

Sold

Test Witnessed By

Gary Wells

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

02/16/01

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	1054.0	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1165.0	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2100.0	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2343.0	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2550.0	T. Devonian	7486.0	T. Menefee		T. Madison	
T. Queen	3272.0	T. Silurian	8192.0	T. Point Lookout		T. Elbert	
T. Grayburg	3551.0	T. Montoya	8646.0	T. Mancos		T. McCracken	
T. San Andres	3781.0	T. Simpson	8846.0	T. Gallup		T. Ignacio Otzte	
T. Glorieta	4924.0	T. McKee	8956.0	Base Greenhorn		T. Granite	
T. Paddock	4971.0	T. Ellenburger		T. Dakota		T.	
T. Blinebry	5261.0	T. Gr. Wash		T. Morrison		T.	
T. Tubb	5954.0	T. Delaware Sand		T. Todilto		T.	
T. Drinkard	6262.0	T. Bone Springs		T. Entrada		T.	
T. Abo	6440.0	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 9000 to 9330
No. 2, from 6390 to 7368
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
1054.0	1165.0		anhydrite
1165.0	2100.0		salt
2100.0	3272.0		dol, anhy, sd, sh
3272.0	3551.0		dol, anhy, sd
3551.0	5954.0		dol, anhy, cht
5954.0	7486.0		dol, ls, cht
7486.0	8846.0		ls, dol, sht
8846.0	8956.0		sh, ss, ls