

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
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-025-11211
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 014915

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Lillie	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESVR ☐ OTHER _____		8. Well No. 3	
2. Name of Operator Arch Petroleum Inc.		9. Pool name or Wildcat Fowler Abo (96455)	
3. Address of Operator 10 Desta Drive, Suite 420E, Midland, TX 79705			
4. Well Location Unit Letter <u>E</u> : <u>2310</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>23</u> Township <u>24S</u> Range <u>37E</u> NMPM Lea County			
10. Date Spudded 5/14/96	11. Date T.D. Reached 5/23/96	12. Date Compl. (Ready to Prod.) 5/23/96	13. Elevations (DF& RKB, RT, GR, etc.) GR= 3224'
14. Elev. Casinghead			
15. Total Depth 9857	16. Plug Back T.D. 6960'	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 6287' - 6436', Abo			20. Was Directional Survey Made
21. Type Electric and Other Logs Run			22. Was Well Cored

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#	327'	17 1/2"	500 sx, Circ	
9 5/8"	36#	3896'	12 1/4"	2324 sx, Toc @ 35'	by TS
7"	23# & 26#	7300'	8 1/4"	1125 sx, Toc @ 100'	by TS

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
5"	7192'	9710'	310		2 3/8"	6520'

26. Perforation record (interval, size, and number) 6287', 96.5', 6303', 13', 20.5', 35', 42.5', 6354', 74', 80', 87', 94', 6412', 17', 30', 36' 2 - 1/2" JHPF Total 32 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6980' 6960' 6287' - 6436'	CIBP 2 sacks cmt. A/2,000 gal. 15% NEFE HCL

28. PRODUCTION							
Date First Production 5/23/96		Production Method (Flowing, gas lift, pumping - Size and type pump) 2" x 1 1/2" x 20' Rod Pump				Well Status (Prod. or Shut-in) Prod	
Date of Test 5/27/96	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 47	Gas - MCF 54	Water - Bbl. 108	Gas - Oil Ratio 1149
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 47	Gas - MCF 54	Water - Bbl. 108	Oil Gravity - API - (Corr.) 37.5	

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

30. List Attachments

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 Bobbie Brooks Printed Name Bobbie Brooks Title Production Analyst Date 6/12/96

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 special 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 _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	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.....to.....
No. 2, from.....to.....
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.

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