

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.	35-025-11209
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	14915

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 _____	
2. Name of Operator Arch Petroleum Inc.	8. Well No. 2
3. Address of Operator 10 Desta Drive, Suite 420E, Midland, TX 79705	9. Pool name or Wildcat Fowler Abo
4. Well Location Unit Letter <u>D</u> : <u>697</u> Feet From The <u>North</u> Line and <u>568</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 4/8/53	11. Date T.D. Reached 9/19/53	12. Date Compl. (Ready to Prod.) 3/13/96	13. Elevations (DF& RKB, RT, GR, etc.) GR=3214', RKB=3223'	14. Elev. Casinghead
15. Total Depth 7784'	16. Plug Back T.D. 6880'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <u>X</u> Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 6342'-6449'				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR-CBL				22. Was Well Cored Yes

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# H-40	338	18"	385 sx, Circ	
8-5/8"	32# J-55	3585	11"	2375 sx, Circ	
7"	23# N-80	6883	7-7/8"	350 sx, TOC @ 2440' by TS	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	6327'
						PACKER SET
						6327'

26. Perforation record (interval, size, and number) 6342', 6351', 6357', 6364', 6368', 6376', 6389' 6397', 6403', 6410', 6417', 6429', 6449', (13' - 2 - 0.5" JHPF, total 26 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5130'-5596' 371 sx CL "C" (Squeeze) 6210'-6320' 55 sx CL "C" (Squeeze) 6342'-6449' A/200 gal 15% NEFE HCL
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28. PRODUCTION							
Date First Production 3/13/96	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Prod.	
Date of Test 3/15/96	Hours Tested 24	Choke Size 25/64"	Prod'n For Test Period	Oil - Bbl. 69	Gas - MCF 23	Water - Bbl. 39	Gas - Oil Ratio 333
Flow Tubing Press. 60#	Casing Pressure 0#	Calculated 24-Hour Rate	Oil - Bbl. 69	Gas - MCF 23	Water - Bbl. 39	Oil Gravity - API - (Corr.) 37.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
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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 Prod. Analyst Date 3/22/96

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
Northwestern New Mexico

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 Oztte _____
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

OIL OR GAS SANDS

No. 1, from 6342' to 6449' No. 3, from to
No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

..... IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
to

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)

LITHOLOGY RECORD (Attach additional sheet if necessary)

LITHOLOGY RECORD (Attach additional sheets if necessary)				LITHOLOGY RECORD (Attach additional sheets if necessary)			
From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology

A circular stamp from the U.S. Geological Survey, Denver. The outer ring contains the text "U.S. GEOLOGICAL SURVEY" at the top and "DENVER" at the bottom. Inside the ring, the date "1920" is visible, along with the word "Received" in the center.

