

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. 35-025-33881
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 014899

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name C. D. Woolworth
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____	8. Well No. 10
2. Name of Operator Arch Petroleum Inc.	9. Pool name or Wildcat Langlie-Mattix
3. Address of Operator 10 Desta Drive, Suite 420E, Midland, TX 79705	

4. Well Location
Unit Letter J: 1400 Feet From The South Line and 2630 Feet From The East Line
Section 30 Township 24S Range 37E NMPM Lea County

10. Date Spudded 3/29/97	11. Date T.D. Reached 4/9/97	12. Date Compl. (Ready to Prod.) 5/1/97	13. Elevations (DF& RKB, RT, GR, etc.) 3257' GR	14. Elev. Casinghead
15. Total Depth 3750'	16. Plug Back T.D. 3728'	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 3502' - 3658'				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR-SDL-DSN-CL, GR-DLL-MSFL				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
8-5/8"	20#	477'	11"	260sx C1"C" w/1/4 Floccel/sx. & 2% CaCl2. Cir 58sx to surface.	
4-1/2"	11.6#	3756'	7-7/8"	725sx Lead C1"C" 35% Pozmix.65 C1"C" w/6% gel 5% salt. 300sx Tail 50/50 Pozmix & C1"C" w/2% gel 5% salt & 4% FL-62	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-3/8"	3286'	

26. Perforation record (interval, size, and number)
3502', 3519', 3536', 3561', 3576', 3593', 3609', 3618', 3632', & 3658' w/4-0.45" JHPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3502' - 3658'	2100 gal 15% NEFE HCL
3502' - 3658'	31,000 gal 35# XL gel & 104,000# 12/20 mesh Brady Sand

28. **PRODUCTION**

Date First Production 5/1/97	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Prod		
Date of Test 5/29/97	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 16	Gas - MCF 71	Water - Bbl. 82	Gas - Oil Ratio 4437
Flow Tubing Press.	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 33.0	

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

Test Witnessed By

30. List Attachments
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 Bobbie Brooks Printed Name Bobbie Brooks Title Prod. Analyst Date 6/3/97

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 quadruplicate except on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

T. Anhy	1093	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1290	T. Stawn	T. Kirtland-Friland	T. Penn. "C"
B. Salt	2758	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2912	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3149	T. Devonian	T. Menefee	T. Madison
T. Queen	3589	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Ozite
T. Giorleta		T. McKee	Base Greenham	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	
T. Blinberry		T. Gr. Wash	T. Morrison	
T. Tubb		T. Delaware Sand	T. Todillo	
T. Drinkard		T. Bone Springs	T. Entrada	
T. Abo			T. Wingate	
T. Wolfcamp			T. Chinle	
T. Penn			T. Permian	
T. Cisco (Bough C)			T. Penn "A"	

No. 1, from	31/8	to	3425	No. 3, from	to
No. 2, from	to			No. 4, from	to

IMPORTANT WATER SANDS

No. 1, from _____ to _____ feet.....

No. 2, from _____ to _____ feet.....

No. 3, from _____ to _____ feet.....

[illegible]