

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. 30-025-33088
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 14923
7. Lease Name or Unit Agreement Name Plains Knight
8. Well No. 4
9. Pool name or Wildcat Wildcat Fowler Abo

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Plains Knight	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐			
2. Name of Operator Arch Petroleum Inc.		8. Well No. 4	
3. Address of Operator 10 Desta Drive, Suite 420E, Midland, TX 79705		9. Pool name or Wildcat Wildcat Fowler Abo	
4. Well Location Unit Letter <u>K</u> : <u>2080</u> Feet From The <u>South</u> Line and <u>1650</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 11/4/95	11. Date T.D. Reached 11/19/95	12. Date Compl. (Ready to Prod.) 12/2/95	13. Elevations (DF& RKB, RT, GR, etc.) GE= 3209' KB= 3222'
14. Elev. Casinghead			
15. Total Depth 6500'	16. Plug Back T.D. 6454'	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 6387'-6274'			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR-CDL-CNL-CL, GR-DLL-MSFL, GR-Acoustic			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
8-5/8"	32	1027'	12-1/4"	600 sx, Circ 130 sx	
5-1/2"	15.5	6500'	7-7/8"	1950 sx, Circ 108 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8"	6241'	6241'

26. Perforation record (interval, size, and number) 6387', 6378', 6374', 6368', 6357', 6347', 6339', 6334', 6314', 6306', 6300', 6287', 6279', 6274' (Total 28 - 0.5" Holes)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 6274'-6387' AMOUNT AND KIND MATERIAL USED 3,000 gal. 15% NEFE	

PRODUCTION

28. Date First Production 12/2/95		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Production	
Date of Test 1/24/96	Hours Tested 24	Choke Size 13/48"	Prod'n For Test Period	Oil - Bbl. 91	Gas - MCF 173	Water - Bbl. 0	Gas - Oil Ratio 1901
Flow Tubing Press. 730#	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 91	Gas - MCF 173	Water - Bbl. 0	Oil Gravity - API - (Corr.) 41.5	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By	

30. List Attachments

Deviation report

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 1/26/96

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 947
T. Salt 1085
B. Salt 2300
T. Yates
T. 7 Rivers
T. Queen
T. Grayburg
T. San Andres
T. Glorieta
T. Paddock
T. Blinberry
T. Tubb
T. Drinkard
T. Abo
T. Wolfcamp
T. Penn
T. Cisco (Bough C)

T. Canyon
T. Strawn
T. Atoka
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
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. Permian
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
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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.

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
0	13	13	Distance F/KB to ground				
	947	934	Redbed & Anhydrite				
	2300	1353	Salt & Anhydrite				
	3437	1137	Anhydrite, Sand, Shale				
	6500	3063	Dolomite, Sand, Shale				

