

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.
30-025-36240
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 ☐	7. Lease Name or Unit Agreement Name E. C. Hill "C"
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐	8. Well No. 4
2. Name of Operator Arch Petroleum Inc.	9. Pool name or Wildcat Teague Paddock Blinebry
3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340	
4. Well Location Unit Letter M : 1260 Feet From The South Line and 990 Feet From The West Line Section 27 Township 23S Range 37E NMPM Lea County	

10. Date Spudded 04/10/03	11. Date T.D. Reached 04/19/03	12. Date Compl. (Ready to Prod.) 05/01/03	13. Elevations (DF & RKB, RT, GR, etc.) 3286	14. Elev. Casinghead 3287
15. Total Depth 5500	16. Plug Back T.D. 5454	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-5500 Cable Tools	

19. Producing Interval(s), of this completion - Top, Bottom, Name Blinebry 5352-67	20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR/CCL CNLI	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	32	1112	12-1/4	650 sks	
5-1/2	15.5	5500	7-7/8	1415 sks	

24. LINER RECORD	25. TUBING RECORD
SIZE TOP BOTTOM SACKS CEMENT SCREEN	SIZE DEPTH SET PACKER SET
	2-3/8 5378

26. Perforation record (interval, size, and number) 5352-67 (2 spf)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5352-67 Acid w/ 1000 gals 15% acid Frac w/ 42,000# 16/30 Ottawa sand
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28. PRODUCTION							
Date First Production 05/01/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 05/08/03	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - Bbl. 20	Gas - MCF 29	Water - Bbl. 8	Gas - Oil Ratio 1450:1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 20	Gas - MCF 29	Water - Bbl. 8	Oil Gravity - API - (Corr.) 42.0	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Fernando Espino
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30. List Attachments
C-104, Sundry, Deviation Survey, Log

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 Sr. Oper. Tech Date 05/14/03

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			Northwestern New Mexico		
T. Anhy	1038	T. Canyon	T. Ojo Alamo	T. Penn. "B"	
T. Salt	1090	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	
B. Salt	2292	T. Atoka	T. Pictured Cliffs	T. Penn. "D"	
T. Yates	2353	T. Miss	T. Cliff House	T. Leadville	
T. 7 Rivers	2742	T. Devonian	T. Menefee	T. Madison	
T. Queen	3006	T. Silurian	T. Point Lookout	T. Elbert	
T. Grayburg	3552	T. Montoya	T. Mancos	T. McCracken	
T. San Andres	3780	T. Simpson	T. Gallup	T. Ignacio Otzte	
T. Glorieta	4932	T. McKee	Base Greenhorn	T. Granite	
T. Paddock	5105	T. Ellenburger	T. Dakota	T.	
T. Blinebry	5289	T. Gr. Wash	T. Morrison	T.	
T. Tubb		T. Delaware Sand	T. Todilto	T.	
T. Drinkard		T. Bone Springs	T. Entrada	T.	
T. Abo		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 5350 to 5370
 No. 2, from 5190 to 5225
 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
Surf	1038		sand-sh				
1038	1090		anhy				
1090	2292		salt, anhy				
2292	3006		anhy, dolo				
3006	3552		dolo, anhy, ss				
3552	5289		dolo, anhy, shale				