

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.
30-025-33323
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 16232

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 "B"	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		8. Well No. 5	
2. Name of Operator Arch Petroleum Inc.		9. Pool name or Wildcat Teague Blinebry	
3. Address of Operator 10 Desta Drive, Suite 420E, Midland, TX 79705			
4. Well Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>27</u> Township <u>23S</u> Range <u>37E</u> NMPM Lea County			
10. Date Spudded 6/8/96	11. Date T.D. Reached 6/18/96	12. Date Compl. (Ready to Prod.) 6/28/96	13. Elevations (DF & RKB, RT, GR, etc.) GR 3291'
14. Elev. Casinghead			
15. Total Depth 6000	16. Plug Back T.D. 5955	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 5354 - 5840			20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run GR - Sonic - CL (Cased Hole)			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"	24#	1094'	11"	400 sx (did not circ)	
(Ran 1" pipe dn backside, toc @125'. Pumped 200 sx thru 1" pipe & circ 75 sx)					
5 1/2"	15.5# & 17#	5997'	7 7/8"	1300 sx; circ 200 sxs	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) 5354, 64, 94, 5414, 30, 5526, 43, 53, 78.5, 90 5611, 21, 36, 48, 61, 5710, 21, 31, 70, 97, 5807, 5840 (W/4 0.5" JHPF, total 88 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5354 - 5840	2200 gals 15% NEFE HCL
	5354 - 5840	85,000 gals 40# gel (W/70-50% CO ²) 222,385# 16/30 mesh

28. PRODUCTION		Ottawa Sand					
Date First Production 6/28/96	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Prod					
Date of Test 7/10/96	Hours Tested 24	Choke Size 20/64	Prod'n For Test Period 28	Oil - Bbl. 465	Gas - MCF 39	Water - Bbl. 16,607	Gas - Oil Ratio
Flow Tubing Press. 310	Casing Pressure 620	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 35.4	

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

30. List Attachments Log & 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 7/22/96

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

Southeastern New Mexico

T. Nhy	1056
T. Salt	1160
B. Salt	
T. Yates	2530
T. 7 Rivers	2782
T. Queen	3332
T. Grayburg	3558
T. San Andres	3798
T. Glorieta	
T. Paddock	4920
T. Blinebry	5278
T. Tubb	5920
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 _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....5354.....to.....5840.....
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