

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

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-36399
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. A. Sticher	
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 Penrose Skelly Grayburg	
3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340			
4. Well Location Unit Letter <u>N</u> : <u>990</u> Feet From The <u>South</u> Line and <u>1750</u> Feet From The <u>West</u> Line Section <u>4</u> Township <u>22S</u> Range <u>37E</u> NMPM <u>Lea</u> County			
10. Date Spudded 02/27/04	11. Date T.D. Reached 03/04/04	12. Date Compl. (Ready to Prod.) 03/26/04	13. Elevations (DF & RKB, RT, GR, etc.) 3422'
14. Elev. Casinghead 3423'			
15. Total Depth 4000'	16. Plug Back T.D. 3952'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-4000 Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Grayburg 3636-3793 (0A)			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run			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	24	1123	12-1/4	675	
4-1/2	11.6	4000	7-7/8	1105	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3643	

26. Perforation record (interval, size, and number) 3636-3793 (15 holes 0A)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3636-3793	Acidz w/ 1000 gals 15% acid Frac w/ 8735# 14/30 Liteprop 2540# 16/30 SLC

28. PRODUCTION							
Date First Production 03/26/04		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 03/29/04	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - BbL. 39	Gas - MCF 147	Water - BbL. 13	Gas - Oil Ratio 3769:1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - BbL.	Gas - MCF	Water - BbL.	Oil Gravity - API - (Corr.) 32.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Gary Wells
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30. List Attachments C-104, C-102, Logs, Sundry, Deviation Survey
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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 <u>Cathy Wright</u>	Printed Name Cathy Wright	Title Sr. Oper. Tech	Date 03/31/04

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 specific 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	1139	T. Canyon	
T. Salt	1272	T. Strawn	
B. Salt	2410	T. Atoka	
T. Yates		T. Miss	
T. 7 Rivers	2810	T. Devonian	
T. Queen		T. Silurian	
T. Grayburg	3592	T. Montoya	
T. San Andres	3830	T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinebry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo		T. Penrose	3443
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 Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permain _____	T. _____
T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to

No. 2, 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

(Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology