

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
**DISTRICT I**  
 P.O. Box 1980, Hobbs, NM 88240

**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**

Form C-105  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
 Santa Fe, NM 87505

**DISTRICT II**  
 P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
 1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO. 30-025-36571
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name  Resler "B"
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____	

2. Name of Operator Arch Petroleum Inc.	8. Well No. 2
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3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340	9. Pool name or Wildcat Langlie Mattix 7 Rvrs Q Grayburg
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4. Well Location Unit Letter <u>0</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>East</u> Line	
Section <u>20</u> Township <u>23S</u> Range <u>37E</u> NMPM <u>Lea</u> County	

10. Date Spudded 03/23/04	11. Date T.D. Reached 03/28/04	12. Date Compl. (Ready to Prod.) 04/12/04	13. Elevations (DF & RKB, RT, GR, etc.) 3302	14. Elev. Casinghead 3303
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15. Total Depth 3700	16. Plug Back T.D. 3634	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-3700 Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name 7 Rvrs Queen 3251-58, 3510-24	20. Was Directional Survey Made No
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21. Type Electric and Other Logs Run GR/CNL	22. Was Well Cored No
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**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	1123	12-1/4	675 sks	
4-1/2	11.6	3700	7-7/8	1090 sks	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3284	

26. Perforation record (interval, size, and number) 3251-3524 (0A) 1 spf	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3251-3524 (0A) AMOUNT AND KIND MATERIAL USED Acdz w/ 1000 gals 15% acid Frac w/ 148,500# 16/30 Brady + 30,100# SLC
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**28. PRODUCTION**

Date First Production 04/12/04	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping	Well Status (Prod or Shut-in) Producing				
Date of Test 04/16/04	Hours Tested 18	Choke Size ---	Prod'n For Test Period ---	Oil - BbL. 128	Water - BbL. 37	Gas - Oil Ratio 5333:1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate ---	Oil - BbL. ---	Gas - MCF 171	Water - BbL. 49	Oil Gravity - API - (Corr.) 34.1

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, Log, Deviation Survey, Sundry
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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 Cathy Wright Printed Name Cathy Wright Title Sr Oper Tech Date 04/27/04

**OIL CONSERVATION DIVISION**  
**CASE NUMBER 2**  
**EXHIBIT NUMBER**

# 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

### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	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 \_\_\_\_\_ 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	From	To	Thickness in Feet	Lithology
		1125	Rustler				
		1225	Top Salt				
		2675	Yates				
		2960	7 Rvrs				
		3410	Queen				
		3525	Penrose				
		3675	Grayburg				