

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.
30-025-36572

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 ☐

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
Arch Petroleum Inc.

3. Address of Operator
P. O. Box 10340, Midland, TX 79702-7340

7. Lease Name or Unit Agreement Name

Resler "B"

8. Well No.

3

9. Pool name or Wildcat
Langlie Mattix 7 Rvrs Q Grayburg

4. Well Location

Unit Letter P : 660 Feet From The South Line and 660 Feet From The East Line

Section 20 Township 23S Range 37E NMPM Lea County

10. Date Spudded 03/29/04 11. Date T.D. Reached 04/01/04 12. Date Compl. (Ready to Prod.) 04/19/04 13. Elevations (DF & RKB, RT, GR, etc.) 3313 14. Elev. Casinghead 3314

15. Total Depth 3700 16. Plug Back T.D. 3636 17. If Multiple Compl. How Many Zones? 0-3700 18. Intervals Drilled By Rotary Tools 19. Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
Seven Rivers, Queen 3483-95, 3223-30 20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
GR/CNL 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	1122	12-1/4	675 sks	
4-1/2	11.6	3700	7-7/8	1100 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
						2-3/8	3217	

26. Perforation record (interval, size, and number)

3483-95, 3223-30 (1 spf)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3223-3495 (OA)	Acidz w/ 1000 gals 15% acid
	Frac w/ 148,160# 16/30 Brady
	30,080# 16/30 SLC

28. PRODUCTION

Date First Production 04/19/04 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing

Date of Test 04/20/04 Hours Tested 24 Choke Size --- Prod'n For Test Period 29 Oil - BbL. 112 Gas - MCF 34 Water - BbL. 3862:1

Flow Tubing Press. --- Casing Pressure --- Calculated 24-Hour Rate --- Oil - BbL. --- Gas - MCF --- Water - BbL. --- Oil Gravity - API - (Corr.) 34.1

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By
Gary Wells

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 Wright

Printed Name

Cathy Wright

Title

Sr Oper Tech

Date

04/27/04

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 _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 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 _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

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
		1074	Anhydrite				
		1178	Top Salt				
		2482	Base Salt				
		2583	Yates				
		2891	7 Rvrs				
		3306	Queen				
		3452	Penrose				