

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

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-36570

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Resler "A"

8. Well No.

1

9. Pool name or Wildcat

Langlie Mattix 7 Rvrs Queen Graybi

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

4. Well Location

Unit Letter K : 2030 Feet From The South Line and 1880 Feet From The West Line

Section 20

Township 23S

Range 37E

NMPM

Lea

County

10. Date Spudded

03/11/04

11. Date T.D. Reached

03/16/04

12. Date Compl. (Ready to Prod.)

04/13/04

13. Elevations (DF & RKB, RT, GR, etc.)

3305

14. Elev. Casinghead

3306

15. Total Depth

3700

16. Plug Back T.D.

3650

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools
0-3700

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

7 Rvrs Queen ~~3284-89~~, 3541-56

21. Type Electric and Other Logs Run

GR/CNL

22. Was Well Cased

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	1124	12-1/4	675 sks	
4-1/2	11.6	3700	7-7/8	1010 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3298	

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

3284-89 (2 spf) *582*
3541-56 (1 spf)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3284-3556 (OA)	Acdz w/ 1000 gals 15% acid
	Frac w/ 147,740# 16/30 Brady +
	30,300# 16/30 SLC

28. PRODUCTION

Date First Production 04/14/04		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 24	Choke Size ---	Prod'n For Test Period	Oil - BbL. 18	Gas - MCF 144	Water - BbL. 63	Gas - Oil Ratio 8000:1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24- Hour Rate	Oil - BbL. 18	Gas - MCF 144	Water - BbL. 63	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

C104, Log, Sundry, 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

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. _____
 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
		1225	Top Salt				
		2430	Base Salt				
		2675	Yates				
		2960	7 Rvrs				
		3410	Queen				
		3525	Penrose				
		3675	Grayburg				