

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 00, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources

Fuller Exhibit No. **H**

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-025-36571

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.

8. Well No.

2

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

9. Pool name or Wildcat

Langlie Mattix 7 Rvrs Q Grayburg

4. Well Location

Unit Letter 0 660 Feet From The South Line and 1980 Feet From The East Line

Section

20

Township

23S

Range

37E

NMPM

Lea

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

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

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

7 Rvrs Queen 3251-58, 3510-24

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	1123	12-1/4	675 sks	
4-1/2	11.6	3700	7-7/8	1090 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3284	

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

3251-3524 (0A) 1 spf

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3251-3524 (0A)	Acidz w/ 1000 gals 15% acid
	Frac w/ 148,500# 16/30 Brady
	+ 30,100# SLC

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. 24	Gas - MCF 128	Water - BbL. 37	Gas - Oil Ratio 5333:1	
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24- Hour Rate	Oil - BbL. 32	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

30. List Attachments

C-104, Log, Deviation Survey, Sundry

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. Canyon _____
 T. Salt _____ T. Strawn _____
 B. Salt _____ T. Atoka _____
 T. Yates _____ T. Miss _____
 T. 7 Rivers _____ T. Devonian _____
 T. Queen _____ T. Silurian _____
 T. Grayburg _____ T. Montoya _____
 T. San Andres _____ T. Simpson _____
 T. Glorieta _____ T. McKee _____
 T. Paddock _____ T. Ellenburger _____
 T. Blinberry _____ T. Gr. Wash _____
 T. Tubb _____ T. Delaware Sand _____
 T. Drinkard _____ T. Bone Springs _____
 T. Abo _____ T. _____
 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. Permian _____ 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.

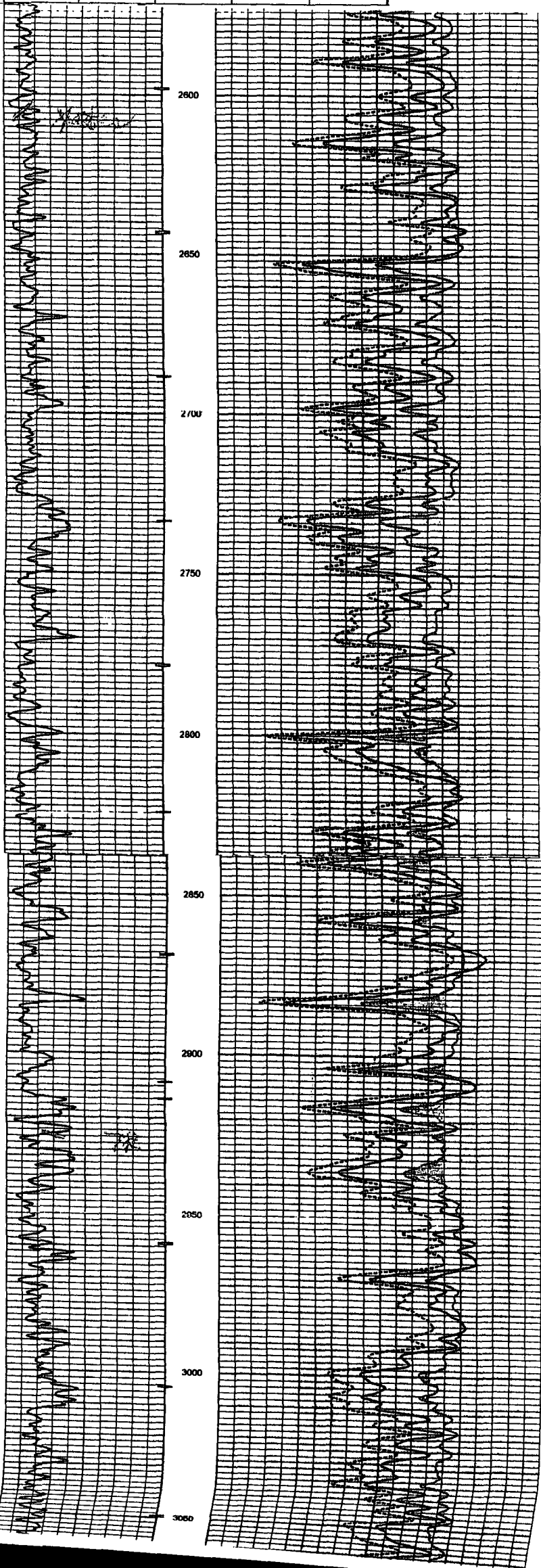
No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

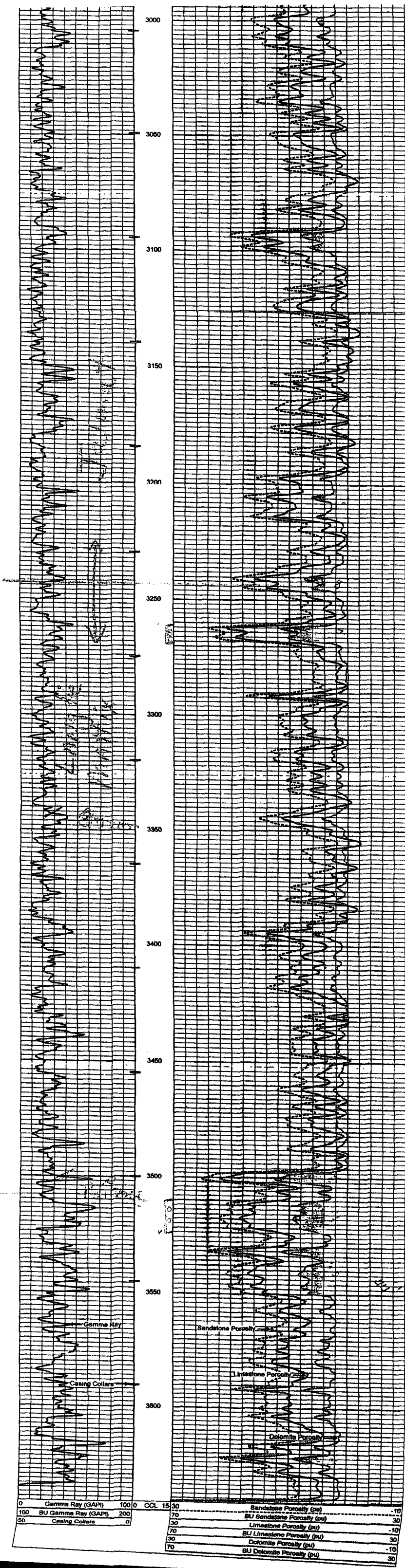
LITHOLOGY RECORD (Attach additional sheet if necessary)

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				



Company Arch Petroleum Resler " B " No.2 Well Field C.E. Lamunyon County Lea State New Mexico	Company Arch Petroleum Well Resler " B " No.2 Field C.E. Lamunyon Country Lea State New Mexico		Company Arch Petroleum Well Resler " B " No.2 Field C.E. Lamunyon Country Lea State New Mexico	
	Location 660' FSL & 1980' FEL		Other Services	
	Section 20 Township 23 - S Range 37 - E		Elevation K.B. 3213 ft. D.F. 3312 ft. G.L. 3302 ft.	
	Permanent Datum Log Measured From Drilling Measured From		Ground Level Kelly Bushing or 11 ft. A.P.D. Kelly Bushing	
Date	31 - March - 2004			
Run Number	One			
Depth Driller	3700 ft.			
Depth Logger	3634 ft.			
Bottom Logged Interval	3633 ft.			
Top Log Interval	33 ft.			
Open Hole Size	7 8/5 in.			
Type Fluid	Water			
Density / Viscosity	N/A			
Max. Recorded Temp	N/A			
Estimated Cement Top	Surface			
Time Well Ready	See Log			
Time Logger on Bottom	See Log			
Equipment Number	WL-5425			
Location	Hobbs N.M.			
Recorded by	Gary York			
Witnessed By	Mr. Brad Forester			
Run Number	Borehole Record		Tubing Record	
	Bit	From To Size	Weight	From To
Casing Record	Size	Weight	Top	Bottom
Surface String				
Prod. String				
Production String	4.30 in.	11.8 lbs	Surface	3676 ft.
Liner				





Jalmat Gas

3310' - 100' above base of 7R