

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit No. **I**

Form C-105
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

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 ☐

7. Lease Name or Unit Agreement Name

Resler "B"

2. Name of Operator
Arch Petroleum Inc.

8. Well No.

3

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 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? 18. Intervals Drilled By 0-3700 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

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

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
3483-95, 3223-30 (1 spf)			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
			3223-3495 (0A)	Acidz w/ 1000 gals 15% acid
				Frac w/ 148,160# 16/30 Brady
				30,080# 16/30 SLC

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
04/19/04		Pumping					Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - BbL.	Gas - MCF	Water - BbL.	Gas - Oil Ratio	
04/20/04	24	---		29	112	34	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

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

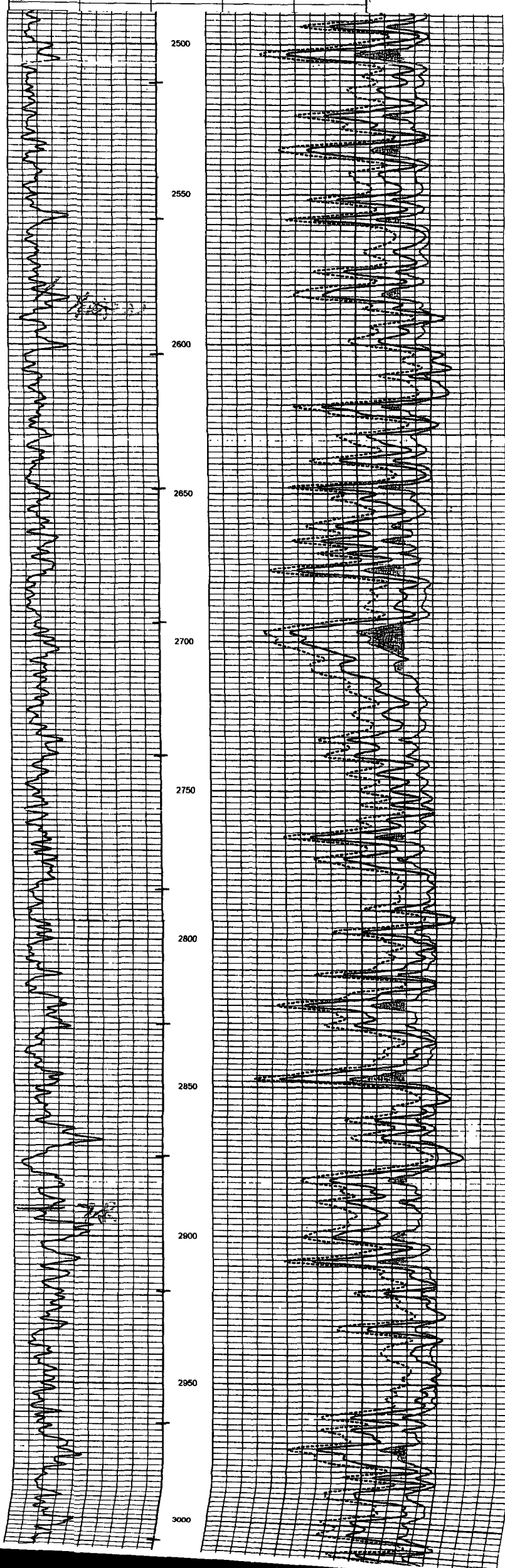


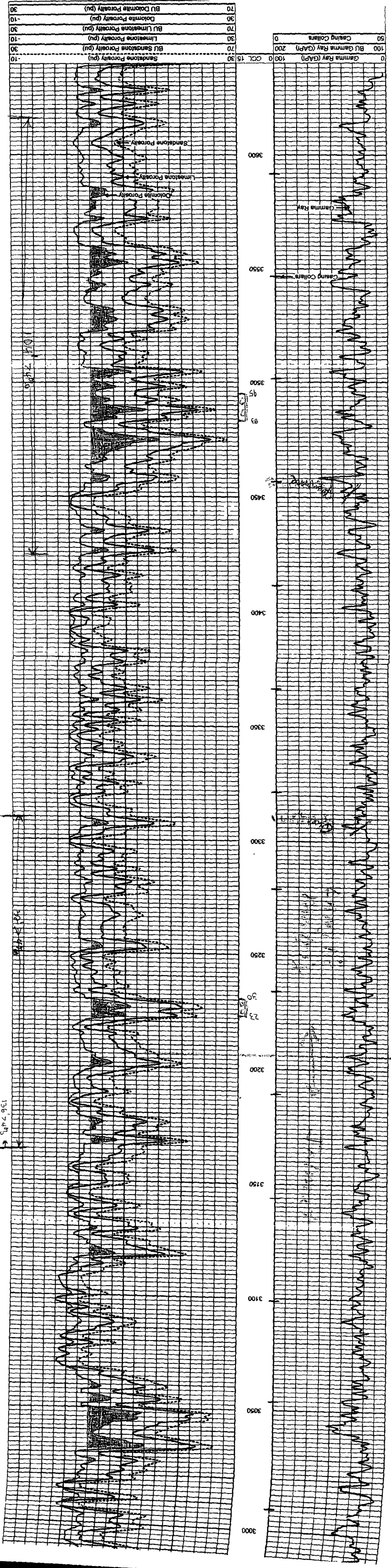
Company Arch Petroleum Well Resler " B " No.3 Field Langlie Mattix County Lea State New Mexico	Company Arch Petroleum		
	Well Resler " B " No.3		
	Field Langlie Mattix		
	County Lea	State New Mexico	
	Location	660' FSL & 660' FEL	Other Services
	Section 20 Township 23 - S Range 37 - E		
Permanent Datum Log Measured From Drilling Measured From	Ground level Kelly Bushing Kelly Bushing	Elevation 3313 ft. 11 ft. A.P.D.	Elevation K.B. 3324 ft. D.F. 3323 ft. G.L. 3313 ft.

Date	Drilling measured from	Relay busting	GC 25318
Run Number	06 - April - 2004	One	
Depth Driller	3700 ft		
Depth Logger	3636 ft		
Bottom Logged Interval	3635 ft		
Top Log Interval	3618 ft		
Open Hole Size	7.875 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	WH-6425		
Location	Holbbe H M		
Recorded By	Gary York		
Witnessed By	Mr Brad Fongesher		

[illegible]

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prod. String				
Production String	4.50 in.	11.6 lbs	Surface	3688 ft
Line				





0	Gamma Ray (GAP)	100	0
100	BU Gamma Ray (GAP)	200	0
50	Casing Collars	0	0
70	Sandstone Porosity (pu)	30	0
30	BU Sandstone Porosity (pu)	70	0
70	Limestone Porosity (pu)	30	0
30	BU Limestone Porosity (pu)	70	0
70	Dolomite Porosity (pu)	30	0
30	BU Dolomite Porosity (pu)	70	0