

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.
3C-025-34951

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

H. V. Pike

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
~~Wendy Abo~~ S. Brunson Drinkard Abo

4. Well Location
Unit Letter D : 660 Feet From The North Line and 660 Feet From The West Line
Section 6 Township 23 Range 38 NMPM Lea County

10. Date Spudded 02/28/00
11. Date T.D. Reached 03/15/00
12. Date Compl. (Ready to Prod.) 04/11/00
13. Elevations (DF & RKB, RT, GR, etc.) 3315
14. Elev. Casinghead 3316

15. Total Depth 7800
16. Plug Back T.D. CIBP @ 7500
17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By
Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
Abo 7175'-7244' (OA), 6988'-22' (OA), 6761'-6891' (OA)
20. Was Directional Survey Made No

21. Type Electric and Other Logs Run
CNDL-DIL
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
13-3/8	68	530	17-1/2	600 sks - circ 150 sks	
8-5/8	32 & 24	2910	11	1210 sks - circ 200 sks	
5-1/2	17 & 15.5	7800	7-7/8	1850 sks - TOC @ 142'	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	6744	

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
7175'-7244' (OA) 2 SPF			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6922'-6988' (OA) 1 SPF			7175'-7244'(OA)	Acidz w/ 1000 gals 15% HCL
6761'-6891' (OA) 2 SPF			6922'-6988'(OA)	Acidz w/ 2000 gals 20% HCL
			6761'-6891'(OA)	Acidz w/ 1000 gals 15% HCL

28. PRODUCTION							
Date First Production 04/12/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 04/15/00	Hours Tested 24	Choke Size ---	Prod'n For Test Period	Oil - BbL. 63	Gas - MCF 116	Water - BbL. 21	Gas - Oil Ratio 1841:1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - BbL. 63	Gas - MCF 116	Water - BbL. 21	Oil Gravity - API - (Corr.) 38.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold
Test Witnessed By
Gary Wells

30. List Attachments
C104, C102, Sundries, Deviation Survey, Logs

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 Tomberlin Printed Name Cathy Tomberlin Title Operation Tech Date 04/27/00

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	1224.0	T. Canyon	
T. Salt	1353.0	T. Strawn	
B. Salt	2420.0	T. Atoka	
T. Yates	2617.0	T. Miss	
T. 7 Rivers	2870.0	T. Devonian	
T. Queen	3220.0	T. Silurian	
T. Grayburg	3613.0	T. Montoya	7354.0
T. San Andres	3823.0	T. Simpson	7672.0
T. Glorieta	5163.0	T. McKee	
T. Paddock	5232.0	T. Ellenburger	
T. Blinebry	5469.0	T. Gr. Wash	
T. Tubb	6044.0	T. Delaware Sand	
T. Drinkard	6382.0	T. Bone Springs	
T. Abo	6620.0	T. Permian Unconf	7326.0
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 7538 to 7556	No. 3, from to
No. 2, from 6750 to 7250	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
0.0	1224.0	1224.0	ss, sh				
1224.0	1353.0	129.0	anhy				
1353.0	2420.0	1067.0	salt				
2420.0	2617.0	197.0	anhy-dol				
2617.0	3613.0	996.0	anhy-dol-ss				
3613.0	5163.0	1550.0	dol-cht-ls				
5163.0	7326.0	2163.0	dol-cht-ls				
7326.0	7672.0	346.0	dol-cht-ss-shale				
7672.0	7800.0	128.0	shale-ls-ss				