

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil and Gas Division
Box 1980
Hobbs, NM 88241FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ AUG 6 12 23 PM '96b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other ☐

2. NAME OF OPERATOR

Arch Petroleum Inc.

3. ADDRESS AND TELEPHONE NO.

10 Desta Drive, Suite 420E, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

Unit I, 1340' FSL, 330' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE STUDDED 6/21/96 16. DATE T.D. REACHED 7/3/96 17. DATE COMPL. (Ready to prod.) 7/10/96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3305GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5977' 21. PLUG, BACK T.D., MD & TVD 5956 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5410 - 5851 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR - Sonic, CL (Cased Hole)

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1081'	11"	600sx CI "C" Circ, 80sxs	
5 1/2"	15.5#	5975'	7 7/8"	1300sx CI "C" Circ, 70sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5410, 22, 44, 52, 66, 84, 94, 5507, 20, 46, 56, 76, 90, 5600, 64, 82, 98, 5708, 43, 58, 80, 95, 5837, 51

(W/4 0.45" JHPF, Total 96 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5410 - 5851	4,900 gals 15% NEFE HCL
5410 - 5851	85,000 gals, 40# gel (W/70-50% CO ₂) 227,000 # 16/30 mesh Ottawa Sand

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7/10/96		Flowing					Prod	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/21/96	24	35/64	→	157	586	40	3732	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
560								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

GR - Sonic - CL, Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Bobbie Brooks

TITLE

Production Analyst

DATE

8-5-96

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Blinebry	5410	5851	Porous Dolomite Productive of Oil & Gas

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT DEPTH
Anhy	1064'	
Top of Salt	1180'	
Yates	2570'	
7 Rivers	2820'	
Queen	3362'	
Grayburg	3587'	
San Andres	3822'	
Paddock	4963'	
Blinebry	5331'	