

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL & GAS COMMISSION
DRAWER IN DUPLICATE
SUBMIT IN DUPLICATE
OTHER INFORMATION
reverse side

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. EXPR. ☐ Other ☐
2. NAME OF OPERATOR
Mitchell Energy Corporation
3. ADDRESS AND TELEPHONE NO.
P.O. Box 4000, The Woodlands, Texas 77387-4000
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1330' FNL & 330' FEL
At top prod. interval reported below
At total depth SAME

5. LEASE DESIGNATION AND SERIAL NO.
NM-89051
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME, WELL NO.
APACHE 13 FEDERAL 1
9. API WELL NO.
30-015-27434
10. FIELD AND POOL, OR WILDCAT
WILDCAT (ATOKA)
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NE Livingston Ridge Atoka
SEC 13, T22S, R30E
12. COUNTY OR PARISH
EDDY
13. STATE
NM

14. PERMIT NO. DATE ISSUED
15. DATE SPUDDED 5-15-93 16. DATE T.D. REACHED 7-23-93 17. DATE COMPL. (Ready to prod.) 9-22-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3342' 19. ELEV. CASINGHEAD 3342'
20. TOTAL DEPTH, MD & TVD 14280' 21. PLUG, BACK T.D., MD & TVD 13,920' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 12,836-44' ATOKA 25. WAS DIRECTIONAL SURVEY MADE YES
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL/GR, GR/CNL/LDT, GR/AIT, GR/CBL/CCL 27. WAS WELL CORED YES—SIDEWALL

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
13 3/8" K-55	54.5	568'	17 1/2"	550 SX CL C	
9 5/8" K-55	40	3813'	12 1/4"	1129 SX POZ + 200 SX CL C	
7" N-80	26	11936'	8 3/4"	1375 SX POZ + 225 SX CL	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2" S-95	11587	14278	310		2 3/8"	12795'	12757'

31. PERFORATION RECORD (Interval, size and number)
12,836- 12,844' (32 SHOTS) (.4" DIA)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION
DATE FIRST PRODUCTION 9-21-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING WELL STATUS (Producing or shut-in) SHUT IN
DATE OF TEST 9-22-93 HOURS TESTED 1 CHOKE SIZE 21.5/64" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 189 GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO
FLOW. TUBING PRESS. 1860 CASING PRESSURE PKR CALCULATED 24-HOUR RATE 0 GAS—MCF. 4536 WATER—BBL. 0 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED TEST WITNESSED BY GARY BUTLER

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED James Blount TITLE ENGINEER DATE 10-11-93
CARLSBAD, NEW MEXICO

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

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	6130'	7710'	drlg. breaks w/ mudlog shows Rotary Sidewall Cores 6133'- 7631'	T/Delaware	3894	3894'
Atoka	12,813'	12,853'	DST (Atoka) 12,813'- 853' (2000' WC) GTS 18 min stabilized at 9.5 MMCFGPD on 1" chk. Rec, 1473' Gas Cut condensate & mud. 1st flow Op 22 min 2nd flow Op 93 min 1 FP 1669# FFP 2485# ISIP (60 min) 3084# FSIP (300 min) 3104# IHP 6605# FHP 6536#	T/Bone Spring	7777'	7777'
				T/ Wolfcamp	11,204'	11,204'
				T/Strawn	12,428'	12,428'
				T/Atoka	12,759'	12,759'
Morrow	13,650	14,120	drlg. breaks	T/Morrow	12,951'	12,951'

38. GEOLOGIC MARKERS