

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-86908

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Mitchell 21 Federal #2

9. API WELL NO.

30-015-28710

10. FIELD AND POOL, OR WILDCAT

Cedar Canyon Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 21, T24S, R29E

12. COUNTY OR

PARISH

Eddy

13. STATE

NM

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. REVR. ☐ Other _____

2. NAME OF OPERATOR

Pogo Producing Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 10340, Midland, TX 79702-7340 (915)682-6822

4. LOCATION OF WELL (Report location clearly and in accordance with Section 21, T24S, R29E)

At surface 2110' FSL & 1980' FEL, Section 21, T24S, R29E
At top prod. interval reported below same
At total depth same

14. PERMIT NO.

DATE ISSUED

11/1/95

15. DATE SPUDDED

1/12/96

16. DATE T.D. REACHED

1/24/96

17. DATE COMPL. (Ready to prod.)

3/16/96

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

2947' GR

19. ELEV. CASINGHEAD

2946'

20. TOTAL DEPTH, MD & TVD

7900'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5219'-35' Brushy Canyon

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-CNL-CBL

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
10-3/4	40.5#	533'	14-3/4	510 sx-circ 154 Sxs	
7-5/8	29.7#	2810'	9-5/8	760 sx-circ 125 Sxs	
4-1/2	11.60#	7900'	6-3/4	1165 sx-TOC @ 1000	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5156	

31. PERFORATION RECORD (Interval, size and number)

5219'-35' (32 - .38" dia holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5219'35	Acidz w/ 1000 gals 7-1/2% HCl
	Frac w/ 38,000# 20/40 sand

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/18/96		Pumping 1-1/4" insert				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/20/96	24	---	→	75	34	136	453:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	---	→	75	34	136	41.2	

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

Sold

TEST WITNESSED BY

Carter Hughes

35. LIST OF ATTACHMENTS

C-104, Logs, Sundries, Deviation Survey

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

SIGNED

TITLE

Sr. Operations Engineer

DATE

3/20/96

*(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
				Basal Anhydrite	2710	log
				Delaware Lime	2916	log
				Bell Canyon	2957	log
				Cherry Canyon	3806	log
				Brushy Canyon	5021	log
				Bone Spring	6651	log

38. GEOLOGIC MARKERS