

NM OFFICERS, COMMISSIONED
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
JUL 15 1993

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 ☐ FILL BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR
Pogo Producing Company
3. ADDRESS OF OPERATOR
P.O. Box 10340, Midland, Texas 79702-7340 (915)682-6822

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 492' FSL & 330' FWL, Sec. 24, T-23-S, R-31-E

At top prod. interval reported below same

At total depth same

CONFIDENTIAL

RECEIVED

O. C. D.
ARTESIA, OFFICE

14. PERMIT NO. DATE ISSUED
03/24/93

5. LEASE DESIGNATION AND SERIAL NO.
NM-40655

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Amax 24 Federal

9. WELL NO.
11

10. FIELD AND POOL, OR WILDCAT

Sand Dunes, Brushy Canyon
Ingle Wells, Delaware

Sec. 24, T-23-S, R-31-E

12. COUNTY OR PARISH
Eddy
13. STATE
New Mexico

15. DATE SPUNDED 06/01/93 16. DATE T.D. REACHED 06/15/93 17. DATE COMPL. (Ready to prod.) 06/23/93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3494.8' GR 19. ELEV. CASINGHEAD 3493.8'

20. TOTAL DEPTH, MD & TVD 8460' 21. PLUG. BACK T.D., MD & TVD 8415' 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY 0'-8460' ROTARY TOOLS CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME, AND LENGTH 8194'-8255' (MD & TVD) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL - CNL - CBL 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.50#	832'	17-1/2"	950 sx-Circ 240 sx	
8-5/8"	24# & 32#	4320'	11"	1800 sx-Circ 250 sx	
5-1/2"	15.5# & 17#	8460'	7-7/8"	1585 sx-Circ 342 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8224'	N/A

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8194'-8255' (61 - .50 Dia Holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8194'-8255'	Acidize w/1500 gals 7-1/2% HCL
		8194'-8255'	Frac w/57,000 gals X-L gel
			+ 62,000# 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)	
07/02/93		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
07/10/93	24	--	→	140	134	162	957:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	140	134	162	41.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Stan Morgan

35. LIST OF ATTACHMENTS
C-104, Sundries, Deviation Report, Logs

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

SIGNED Barrett L. Smith TITLE Senior Operations Engineer DATE July 14, 1993

*(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.	GEOLOGIC MARKERS		
				38.	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
					Basal Anhydrite	4222' Log
					Delaware Lime	4458' Log
					Bell Canyon	4476' Log
					Cherry Canyon	5362' Log
					Brushy Canyon	6613' Log
					Bone Spring	8302' Log