

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

451

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐

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 2160' FSL & 330' FWL, Section 24, T-23-S, R-31-E
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. DATE ISSUED
08-20-92

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 Federal 24
9. WELL NO.
8
10. FIELD AND POOL, OR WILDCAT
Ingle Wells, Delaware
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 24, T-23-S, R-31-E

12. COUNTY OR PARISH
Eddy
13. STATE
New Mexico

15. DATE SPUNDED 10-10-92 16. DATE T.D. REACHED 10-26-92 17. DATE COMPL. (Ready to prod.) 11-06-92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3491.2 G.R. 19. ELEV. CASINGHEAD 3490.2'

20. TOTAL DEPTH, MD & TVD 8520' 21. PLUG. BACK T.D., MD & TVD 8437' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-8520' CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8188'-8263' Brushy Canyon, MD & TVD 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	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	800'	17-1/2"	1025 sx-Circ 580 sx	
8-5/8"	24# & 32#	4323'	11"	1800 sx-Circ 500 sx	
5-1/2"	15.5# & 17#	8520'	7-7/8"	1655 sx-Circ 223 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8298'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8188'-8263', .50" Dia., 150 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8188'-8263'	Acidize w/2000 gals 15% NEFe
		8188'-8263'	Frac w/51,750 gals X-Link gel & 57,000# 20/40 ottawa sand

33.* PRODUCTION
DATE FIRST PRODUCTION 11-07-92 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 11-10-92 HOURS TESTED 24 CHOKE SIZE 18/64 PROD'N. FOR TEST PERIOD 422 OIL—BBL. 422 GAS—MCF. 437 WATER—BBL. 130 GAS-OIL RATIO 1036

FLOW. TUBING PRESS. 350 CASING PRESSURE 1200 CALCULATED 24-HOUR RATE 422 GAS—MCF. 437 WATER—BBL. 130 OIL GRAVITY-API (CORR.) 43.2 @ 60 degr. F.

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

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

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Bernett L. Smith TITLE Sr. Operations Engineer DATE Nov. 10, 1992

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Basal Anhydrite	4130' Log	
				Lamar Lime	4452' Log	
				Bell Canyon	4504' Log	
				Cherry Canyon	5367' Log	
				Brushy Canyon	6618' Log	
				Bone Spring	8310' Log	

CONFIDENTIAL

RECEIVED

NOV 11 1992

WELL Amex 24 #8

MIDLAND

LOCATION Sec. 24-T23S-R31E Eddy County, New Mexico

(Give Unit, Section, Township, and Range)

OPERATOR POGO Producing Company P.O. Box 10340 Midland, TX. 79702

DRILLING CONTRATOR Exeter Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth

Degrees @ Depth

Degrees @ Depth

1/4 225'

2 1/4 4,161'

1 1/4 447'

2 1/2 4,325'

1/4 610'

2 4,837'

1/4 800'

1 5,337'

1/2 1,289'

1 5,868'

1/2 1,759'

3/4 6,365'

3/4 2,230'

1 6,861'

3 2,538'

1 1/4 7,357'

3/4 2,822'

1 7,831'

1/2 3,132'

1 1/4 8,324'

ND 3,442'

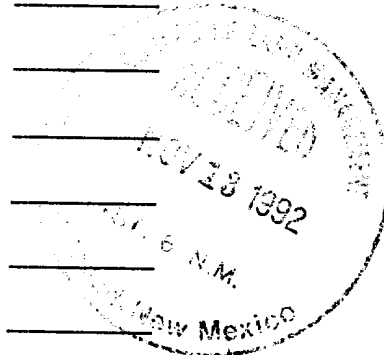
1 8,520'

1 3,472'

1 1/4 3,724'

3 4,006'

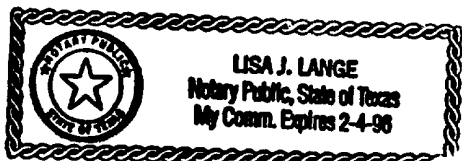
2 3/4 4,099'



Drilling Contractor EXETER DRILLING CO.

By [Signature]
Bob Lange-Drilling Manager -Southern Div.

Subscribed and sworn to before me this 9th day of November, 1992.



Notary Public [Signature]

Lisa J. Lange

Commission Expires: February 4, 1996