

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Pogo Producing Company

3. ADDRESS OF OPERATOR
P. O. Box 10340, Midland, TX 79702-7340

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

At surface 330' FSL & 1650' FWL, Section 24, T23S, R31E

At top prod. interval reported below same

At total depth same

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OIL CON. DIV.

14. PERMIT NO. DATE ISSUED
3-31-93 DIST. 2

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.

10

10. FIELD AND POOL, OR WILDCAT

Ingle Wells Delaware

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

Sec. 24, T23S, R31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 9-6-93 16. DATE T.D. REACHED 9-19-93 17. DATE COMPL. (Ready to prod.) 9-30-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3509.3' GR 19. ELEV. CASINGHEAD 3508.3'

20. TOTAL DEPTH, MD & TVD 8460' MD&TVD 21. PLUG. BACK T.D., MD & TVD 8413 22. IF MULTIPLE COMPL., HOW MANY* ---- 23. INTERVALS DRILLED BY 0-8413' ROTARY TOOLS CABLE TOOLS

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

8074'-8253' Delaware MD&TVD

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, GR, CNL, DNL

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 #	801	17-1/2	950 sxs-circ 250	
8-5/8	32#	4360	11	1800 sxs-circ 318 sxs	
5-1/2	17# & 15.5#	8460	7-7/8	1660 sxs-circ 348 sxs	
				stg tool@ 4085&5797	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8002	None

31. PERFORATION RECORD (Interval, size and number)

Select - .41" holes 20 holes
8074, 79, 8110, 15, 19, 21, 27, 31, 37,
40, 45, 95, 8202, 13, 22, 30, 38, 42,
47, 53

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8074-8253 OA	Acidize w/ 1200 gals 7-1/2% HCL
	Frac w/ 45,000 gals 3516 X-L pad
	Prop w/ 105,000 lbs 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 10-1-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 10-7-93 HOURS TESTED 24 CHOKE SIZE 20/64 PROD'N. FOR TEST PERIOD 256 OIL—BBL. 256 GAS—MCF. 324 WATER—BBL. 139 GAS-OIL RATIO 1266/1

FLOW. TUBING PRESS. 360 CASING PRESSURE 990 CALCULATED 24-HOUR RATE 256 GAS—MCF. 324 WATER—BBL. 139 OIL GRAVITY-API (CORR.) 41.8

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

solid

TEST WITNESSED BY

Stan Morgan

35. LIST OF ATTACHMENTS

C-104, Sundries, Deviation surveys, Logs

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

SIGNED

Richard L. Wight

TITLE

Division Operations Manager DATE 10-7-93

*(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	4262	109
				Delaware Lime	4508	109
				Bell Canyon	4530	109
				Cherry Canyon	5343	109
				Brushy Canyon	6665	109
				Bone Spring	8328	109

WELL NAME & NUMBER AMAX FED 24-10**CONFIDENTIAL**LOCATION SECTION 24, T-23-S, R-31-E EDDY, NM
(Give Unit, Section, Township and Range)OPERATOR POGO PRODUCING, P.O. Box 10,340, Midland, TX 79702DRILLING CONTRACTOR NABORS DRILLING USA, INC., 500 W. Wall, Suite 280, Midland, TX 79701

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:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
0.50 338	1.00 5355		
1.50 801	1.00 5817		
1.25 1100	1.00 6357		
1.25 1450	1.50 6800		
0.75 1781	1.00 7285		
1.25 2002	1.50 7753		
0.75 2347	2.00 8252		
1.00 2659	2.00 8460		
1.25 2972			
1.00 3326			
0.75 3661			
0.75 3826			
1.00 3952			
1.50 4360			
0.50 4844			

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AUG 08 1996
OIL CON. DIV.
DIST. 2

Drilling Contractor NABORS DRILLING USA, INC.By L. V. Bohannon
L. V. Bohannon, Drilling Supt.Subscribed and sworn to before me this 7 day of October, 19 93Joann McMahon
Notary Public

My Commission Expires _____

Midland County TX