

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

clsf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other RECEIVED

2. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other NOV 30 1993

3. NAME OF OPERATOR  
Pogo Producing Company

4. ADDRESS OF OPERATOR  
P. O. Box 10340, Midland, TX 79701-7340

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1650' FSL & 330' FEL, Sec. 34, T23S, R31E  
At top prod. interval reported below same  
At total depth same

5. LEASE DESIGNATION AND SERIAL NO.  
NM-43744

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Sand Dunes 34 Federal

9. WELL NO.  
4

10. FIELD AND POOL, OR WILDCAT  
Ingle Wells Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 34, T23S, R31E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 12/23/93

15. DATE SPUDDED 10/21/93 16. DATE T.D. REACHED 11/2/93 17. DATE COMPL. (Ready to prod.) 11/17/93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3488.3 GR 19. ELEV. CASINGHEAD 3487.3'

20. TOTAL DEPTH, MD & TVD 8380' 21. PLUG, BACK T.D., MD & TVD 8336' 22. IF MULTIPLE COMPL., HOW MANY\* ---- 23. INTERVALS DRILLED BY 0'-8380' ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
8092'-8196' 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#	802'	17-1/2	950 sx-circ 195 sx	
8-5/8	24# & 32#	4253'	11	1700 sx-circ 300 sx	
5-1/2	15.5# & 17#	8380'	7-7/8	1905 sx-circ 256 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	8380'	

31. PERFORATION RECORD (Interval, size and number)  
8092'-8196' (104-.50" dia holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8092'-8196'	Acidz w/ 2500 gals HCL Frac w/ 75000 gals X-L gel + 155,000# 20/40 sd

33.\* PRODUCTION

DATE FIRST PRODUCTION 11/21/93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/24/93	24 hrs	----	→	236	200	165	847:1

W. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
----	----	→	236	200	165	41.8

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 Survey

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

SI [Signature] TITLE Division Operations Manager DATE Nov. 24, 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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Basal Anhydrite	4156	109
				Delaware Lime	4388	109
				Bell Canyon	4408	109
				Cherry Canyon	5333	109
				Brushy Canyon	6561	109
				Bone Spring	8244	109