

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

OIL FIELD COMMISSION

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

451F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY

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, Miland, TX 79702-7340

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 380' FEL, Sec. 35, T2S, R31E
At top prod. interval reported below same
At total depth same

14. PERMIT NO. _____ DATE ISSUED 6-18-93

15. DATE SPUDDED 9-22-93 16. DATE T.D. REACHED 10-4-93 17. DATE COMPL. (Ready to produce) 10-14-93

18. TOTAL DEPTH, MD & TVD 8400' 21. PLUG, BACK T.D., MD & TVD 8355' 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-8400'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8170'-8225' Brushy Canyon (MD & TVD)

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-CNL-CBL

29. 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#	813'	17-1/2"	950 sx-circ 250 sx	
8-5/8	24# & 32#	4300'	11"	1800 sx-circ 300 sx	
5-1/2	15.5# & 17#	8400'	7-7/8"	1705 sx-circ 10 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	8104'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8170' - 8225'	(55 - .50" Dia. Holes)	8170'-8225'	Acdz w/1500 gals 7-1/2% HCL Frac w/37,000 gals XL gel + 9600 gals gel + 86,830# 20/40 sand

33.* PRODUCTION
DATE FIRST PRODUCTION 10-17-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing 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
10-19-93	24	20/64"		284	275	281	965:1

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

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

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

SIGNED [Signature] TITLE Senior Operations Engineer DATE October 21, 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, 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	4194	log
				Delaware Lime	4426	log
				Bell Canyon	4464	log
				Cherry Canyon	5355	log
				Brushy Canyon	6578	log
				Bone Spring	8283	log