

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 ☐ PLUG 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 330' FSL & 1980' FWL, Section 29, T-23-S, R-31-E
At top prod. interval reported below Same
At total depth same

CONFIDENTIAL

14. PERMIT NO. DATE ISSUED
01/28/93

15. DATE SPUDDED 02/02/93 16. DATE T.D. REACHED 02/17/93 17. DATE COMPL. (Ready to prod.) 03/19/93 18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 3346.4' GR 19. ELEV. CASINGHEAD 3345.4'

20. TOTAL DEPTH, MD & TVD 8050' 21. PLUG, BACK T.D., MD & TVD 8003' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7812'-7842' (MD & TVD) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL - CNL - CBL 27. WAS WELL CORED Yes

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#	552'	17-1/2"	725 sx-circ 200 sx	
8-5/8"	24# & 32#	3940'	11"	1800 sx-circ 180 sx	
5-1/2"	15.5# & 17#	8050'	7-7/8"	1645 sx-Circ 90 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7742'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7812'-7842' (30 .50 Dia Holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7812'-7842'	Acidize w/1000 gals 7-1/2% HCL
		7812'-7842'	Frac w/48,000 gals X-L gel plus 27,000# 20/40 ottawa sand

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
03/20/93		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
03/22/93	24	18/64"		403	328	90	814:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
700 psi	1020 psi		403	328	90	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 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 March 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	3845'	Log
				Delaware Lime	4076'	Log
				Bell Canyon	4093'	Log
				Cherry Canyon	5006'	Log
				Brushy Canyon	6272'	Log
				Bone Spring	7931'	Log