

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-62589	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CESVR ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Pogo Producing Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 10340, Midland, Texas 79702-7340		8. FARM OR LEASE NAME Federal 23	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 510' FEL of Section 23 At top prod. interval reported below 660' FNL & 510' FEL of Section 23 At total depth 660' FNL & 510' FEL of Section 23		9. WELL NO. 5	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Livingston Ridge-Delaware	
DATE ISSUED 3-13-91		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23, T-22-S, R-31-E	
15. DATE SPUDDED 3-19-91		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 3-31-91		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 4-19-91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3537.7 GR	
19. ELEV. CASINGHEAD 3538.7		20. TOTAL DEPTH, MD & TVD 8439' MD & TVD	
21. PLUG, BACK T.D., MD & TVD 8393'		22. IF MULTIPLE COMPL., HOW MANY* --	
23. INTERVALS DRILLED BY --		ROTARY TOOLS 0-8439'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7002-7017' Delaware "Brushy Canyon" MD & TVD		CABLE TOOLS	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT, DIL, CBL, Micro-Log	
27. WAS WELL CORED No			

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#	850'	17-1/2"	1025 sks-circ 563 sks	
8-5/8"	24# & 32#	4365'	11"	2785 sks-circ 500 sks	
5-1/2"	15.5# & 17#	8439'	7-7/8"	1st stg 630 sks-circ 118 sks	
				2nd stg 560 sks-stg tool @ 6208'	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6950'	none

PERFORATION RECORD (Interval, size and number)		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7002-7017' .47" dia. 31 holes		7002-7017'	1500 gals 15% HCL NEFE
		7002-7017'	Frac w/10,000 gal XL Pad
			Prop w/43,160# 20/40 Ott.
			& 6940# 20/40 CRCS-2 1/2-10 PPg

33.* PRODUCTION							
DATE FIRST PRODUCTION 4-20-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-25-91	HOURS TESTED 24	CHOKER SIZE 18/64	PROD'N. FOR TEST PERIOD -->	OIL—BBL. 180	GAS—MCF. 143	WATER—BBL. 80	GAS-OIL RATIO 794/1
FLOW. TUBING PRESS. 190	CASING PRESSURE 550	CALCULATED 24-HOUR RATE -->	OIL—BBL. 180	GAS—MCF. 143	WATER—BBL. 80	OIL GRAVITY-API (CORR.) 37.5 @ 60 deg. F	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented						TEST WITNESSED BY Keith Norvell	

35. LIST OF ATTACHMENTS
Logs, deviation surveys, 8-116, C-104

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

SIGNED Richard L. Wright TITLE Div. Oper. Supervisor

*(See Instructions and Spaces for Additional Data on Reverse Side)

ACCEPTED FOR RECORD

DATE 4/29/91

1991

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		TRUE VERT. DEPTH
					MEAS. DEPTH		
				Delaware Lime Bell Canyon Cherry canyon Brushy Cy Mkr Bone Springs	4430 log 4476 log 5314 log 6970 log 8315 log		