

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. RESV. ☐ Other ☐
2. NAME OF OPERATOR
Pogo Producing Company
3. ADDRESS OF OPERATOR
P. O. Box 10340, Midland, TX 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).
At surface 2310' FNL & 1980' FEL T23S, R31E, Section 35
At top prod. interval reported below
At total depth

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
NM 19199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Calmon

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Ingle Wells, Delaware

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

Sec. 35, T23S, R31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 7/16/93 16. DATE T.D. REACHED 7/29/93 17. DATE COMPL. (Ready to prod.) 8/12/93 18. ELEVATIONS (OF RKB, RT, GR, ETC.) 3482.1' GR 19. ELEV. CASINGHEAD 3481.1'

20. TOTAL DEPTH, MD & TVD 8390' 21. PLUG BACK T.D., MD & TVD 8350' 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY 0'-8390' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 8174'-8220' 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

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#	816'	17 1/2"	950 sx-circ 200 sx	
8 5/8"	24# & 32#	4303'	11"	1800 sx - circ 200 sx	
5 1/2"	15.5# & 17#	8390'	7 7/8"	1665 sx - circ 301 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	8180	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8174'-8220' (46 - .50" dia holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8174'-8220'	Acidz w/ 1500 gals 7 1/2% HCL
			Frac w/ 57.650 gals X-L gel
			w/ 45900# 20/40 sand

33. PRODUCTION							
DATE FIRST PRODUCTION 8/20/93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/24/93	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 154	GAS—MCF. 180	WATER—BBL. 134	GAS-OIL RATIO 1168
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 154	GAS—MCF. 180	WATER—BBL. 134	OIL GRAVITY-API (CORR.) 43.2	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Stan Morgan

35. LIST OF ATTACHMENTS C104, Logs, Deviation Survey, Sundries

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 8/25/93

*(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				Basal Anhydrite	4192	109
				Delaware Lime	4432	109
				Bell Canyon	4452	109
				Cherry Canyon	5292	109
				Brushy Canyon	6567	109
				Bone Spring	8280	109