

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____2. NAME OF OPERATOR
Pogo Producing Company3. ADDRESS OF OPERATOR
P.O. Box 10340, Midland, Texas 79702-7340 (915)682-68224. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 330' FNL & 1650' FWL, Section 35, T-23-S, R-31-E

At top prod. interval reported below same

At total depth same

14. PERMIT NO. O. C. D. DATE 08-03-92

15. DATE SPUDDED 08-09-92 16. DATE T.D. REACHED 08-23-92 17. DATE COMPL. (Ready to prod.) 09-06-92

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3464.6' GR 19. ELEV. CASINGHEAD 3464'

20. TOTAL DEPTH, MD & TVD 8400' 21. PLUG, BACK T.D., MD & TVD 8360' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0'-8400'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8125'-8201' Delaware (MD & TVD)

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL, PDS, DLL, MLL, 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	
13-5/8"	54.5#	797'	17-1/2"	1000 sx-Circ 250 sx	AMOUNT PULLED
8-5/8"	32# & 24#	4275'	11"	1525 sx-Circ 250 sx	
5-1/2"	17# & 15.5#	8400'	7-7/8"	1st Stg-650 sx-Circ 250 sx	
				2nd stg-625 sx, TOC 2800'	CBL

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8088'	N/A

31. PERFORATION RECORD (Interval, size and number)
8125'-8201' 0.52". 152 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8125'-8201'	Acidize w/1800 gas 15% HCL
	Frac w/30,000 gas XL Pad &
	57,580# 20/40 Ottawa Sand

33.* PRODUCTION

DATE FIRST PRODUCTION 09-06-92 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
09-08-92	24	22/64		245	190	120	775:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
280	1000		245	190	120	42.8	

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

35. LIST OF ATTACHMENTS
Logs, C-104, C-116, Sundry Notices, Deviation Survey36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Richard L. Wright TITLE Division Operations Manager DATE September 11, 1992

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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 (SED. TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC FORMATIONS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
DST No. 1 Brushy Canyon	7954'	7973'	0 Cushion- IF - 30 mins, 2.1 psig, 1/8" ck. ISI - 2 hrs., BHP 3387 FF - 1-1/2 hrs., 8.5 psig, 1/8" ck. FSI - 6 hrs., BHP 3444 Recovered 0.44 Bbl oil + 0.2 Bbl mud Sampler: 50 psig w/1.3 cu.ft.gas 920 cc oil, 320 cc water 80 cc mus - No fluid/gas to sur.	Basal Anhydrite Delaware Lime Bell Canyon Cherry Canyon Brushy Canyon Bone Springs	4150' Log 4383' Log 4428' Log 5274' Log 6576' Log 8250' Log
DST No. 2 Lower Brushy Canyon	8018'	8056'	0 Cushion- IF - 15 min., 9-1/2 oz, 1/8" ck. ISI - 2 hrs., BHP 3181 FF - 2 hrs., 9.1 psig, 1/8" ck. FSI - 6 hrs., BHP 3213 Recovered 2.6 Bbl oil + 15.7 Bbl water Sampler: 995 psig, 2.66 cu.ft.gas + 750 cc oil + 750 cc water FF - GTS in 2 hrs.		