

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1. SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

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

RECEIVED

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2310' FSL & 660' FEL

At top prod. interval reported below 2310' FSL & 660' FEL

At total depth 2310' FSL & 660' FEL

14. PERMIT NO.

DATE ISSUED

11-30-90

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

12-10-90

16. DATE T.D. REACHED

2-15-91

17. DATE COMPL. (Ready to prod.)

3-15-91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3663' GR

19. ELEV. CASINGHEAD

3661'

20. TOTAL DEPTH, MD & TVD

14,833' MD

21. PLUG, BACK T.D., MD & TVD

14,730' MD

22. IF MULTIPLE COMPL., HOW MANY*

→

23. INTERVALS DRILLED BY

0-14,833'

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

13,971-13,979' Atoka

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-LDT, DLL (12,500') - CNL-LDT, DLL (14,833'), CBL

27. WAS WELL CORED

No

28. 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"	68	800'	17-1/2"	1000 sks-circ 390 sks	
9-5/8"	40	4550'	12-1/4"	1800 sks-circ 350 sks	
7"	26 & 29	12500'	8-1/2"	1440 sks-stg tool @ 7500'	
				TOC T.S. 4700'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	12,255'	14,832'	350		2-3/8"	13,849'	13,849'

31. PERFORATION RECORD (Interval, size and number)

13,971-13,979' 32 holes .50" dia.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-15-91		Flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-18-91	16	various	→	13	4648 CAOF	3	79800/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SEE ATTACHMENT	0	→	24-4th/pt.	4648 CAOF	3	56	

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

vented (flared)

TEST WITNESSED BY

Bill Gill

35. LIST OF ATTACHMENTS

NM Form 122, Logs, Deviation Report

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

SIGNED

R. E. Wright

TITLE Div. Oper. Supervisor

DATE 3/22/91

*(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.

Item 1: 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. 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: "Sticks 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 USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Brushy Canyon	7319'	7400'	DST #1 0' Cushion 5 min IF 152-238 PSI 1 hr ISI 3122# 1½ hr FF 323-752 4 hr FSI 3017 Recovered 560' oil-800' SW-296' mud	Delaware Lime Bell Canyon Cherry Canyon Brushy Canyon Bone Spring Wolfcamp Strawn Atoka Clas Atoka Lime Morrow Clas Morrow Shale Mkr	4533 Log 4634 Log 5480 Log 6821 Log 8572 Log 11602 Log 13117 Log 13250 13630 14274 14672	
Brushy Canyon	8054'	8146'	DST #2 0' Cushion ½ hr IF 128-209 1 hr ISI 3198 1½ hr FF 219-399 4½ hr FSI 3312 Recovered 500' oil & gas cut mud-280' SW			
Bone Spring	9561'	9630'	DST #3 0' Cushion 15 min IF 60-95 2 hr ISI 881 1½ hr FF 54-66 4½ hr FSI 2579 Recovered 30' mud w/tr oil			