

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-29233

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "12"

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Livingston Ridge, Delaware

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

Sec. 12, T-22-S, R-31-E

12. COUNTY OR

PARISH
Eddy

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL
WELL ☒GAS
WELL ☐DRY ☐Other ☐

RECEIVED

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
ESSVR. ☐Other ☐

APR 22 1992

2. NAME OF OPERATOR

Pogo Producing Company

CONFIDENTIAL

O. C. D.

3. ADDRESS OF OPERATOR

P.O. Box 10340, Midland, TX 79702-7340

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

At surface 2310' FSL, 1650' FWL, Sec. 12

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

1-6-92

15. DATE SPURRED

3-2-92

16. DATE T.D. REACHED

3-13-92

17. DATE COMPL. (Ready to prod.)

4-1-92

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

3590.9

19. ELEV. CASINGHEAD

3589.9

20. TOTAL DEPTH, MD & TVD

8525'

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

8485'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-8525

CABLE TOOLS

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

7052-7096 Delaware T.D. & TVD

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CNL, CBL, GR

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"	61#	818'	17 1/2"	1000 sks-circ 200 sks	
8 5/8"	24# & 32#	4310'	11"	1700 sks-circ 250 sks	
5 1/2"	15.5# & 17#	8525'	7 7/8"	1st stg 650 sks-circ 117 sks	
				2nd stg 725 sks-TOC 2200' CBL	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	6790'	None

31. PERFORATION RECORD (Interval, size and number)

7052-7096' 2 jspf, .5" holes, 88 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7052-7096'	2000 gals 15% HCL NEFE
7052-7096'	30,000 gals X-L Pad
	78,750 lbs 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4-2-92		Pumping 2 1/2" X 1 1/2" X 22' - 5' RHBC					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4-16-92	24	None	→	138	127	57	920/1	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
N/A	40 Psig	→	138	127	57	39.0°		

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

Sold

TEST WITNESSED BY

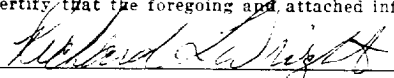
Stan Morgan

35. LIST OF ATTACHMENTS

Open hole logs, CBL, deviation report, C104, Sundries, C116

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

SIGNED



TITLE

Div. Oper. Supt.

DATE

4-21-92

*(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 USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Basal Anhydrite	4200 log	
			Lamar Lime	4475 log	
			Bell Canyon	4537 log	
			Cherry Canyon	5405 log	
			Brushy Canyon	6700 log	
			Bone Springs	8410 log	