

RECEIVED

Artesia 88210

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

O.C.D.

Form approved,
Budget Bureau No. 42-R355.5.RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

NM-12845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 1

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Livingston Ridge, Delaware

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

Section 1, T-22-S, R-31-E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐b. TYPE OF COMPLETION: Casing ☒ 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 (915) 682-6822

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

At surface 2310' FSL & 660' FWL, Section 1, T-22-S, R-31-E

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

09-23-91

15. DATE SPUNDED

02-12-92

16. DATE T.D. REACHED

02-25-92

17. DATE COMPL. (Ready to prod.)

03-08-92

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

3556.2 GR

19. ELEV. CASING HEAD

3555.2

20. TOTAL DEPTH, MD & TVD

8450' MD&TVD

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

8411'

22. IF MULTIPLE COMPL.,
HOW MANY*

--

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-3450'

CABLE TOOLS

--

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

7031'-7051', Delaware MD & TVD

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CNL/LD, 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"	54.5#	818'	17-1/2"	1125 sx-Circ 300 sx	
8-5/8"	32#	4258'	11"	1775 sx-Circ 197 sx	
5-1/2"	15.5# & 17#	8450'	7-7/8"	1405 sx-TOC 2738' CBL	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7098'	None

31. PERFORATION RECORD (Interval, size and number)

7031'-7051', .5" Dia. 40 holes 2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7031'-7051'	10,000 gals 15% HCL NEFE
7031'-7051'	Frac'd w/25,000 gals 35# X-L
	Pad - Propped w/41,250 lbs.
	20/40 ottawa sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
03-08-92		Pumping - 2-1/2" X 1-1/2" X 26' - 5 RHBC					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
03-17-92	24	N/A	→ 404	404	138	169	342/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
Pumping 250#	150	→ 404	404	138	169	39.6 @ 60 deg. F.		
14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

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

Sold

TEST WITNESSED BY

Stan Morgan

35. LIST OF ATTACHMENTS

Logs, C-104, Sundries, C-116 & Deviation Surveys

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

SIGNED

TITLE Division Operations Supt.

DATE March 19, 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 36.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	AGE-DEPTH TRUE VERT. DEPTH
				Basal Anhydrite	4126' Log
				Delaware Lime	4425' Log
				Bell Canyon	4509' Log
				Cherry Canyon	5332' Log
				Brushy Canyon	6618' Log
				Bone Springs	8354' Log