Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.
NM-90587

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] Other _____

b. TYPE OF COMPLETION:
NEW WELL [XX] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other _____

2. NAME OF OPERATOR
Pogo Producing Company

3. ADDRESS AND TELEPHONE NO.
P. O. Box 10340, Midland, TX 79702-7340   432-685-8100

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface   2150' FSL & 330' FWL
At top prod. interval reported below   same
At total depth   same

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Livingston Ridge 19 Fed #3

9. API WELL NO.
30-025-36029

10. FIELD AND POOL, OR WILDCAT
Livingston Ridge Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 19, T22S, R32E

14. PERMIT NO. | **DATE ISSUED** 10/16/02 | **12. COUNTY OR PARISH** Lea County | **13. STATE** NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*	19. ELEV. CASINGHEAD
06/14/03	07/01/03	07/21/03	3587	3588

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8580	8493			0-8580	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
Delaware 8190-8200, 8266-76, 8328-38, 7098-7134

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LBJ/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	805	17-1/2	940 sks	
8-5/8	32	4400	11	2035 sks	
5-1/2	15.5 & 17	8580	7-7/8	2105 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	7837	

31. PERFORATION RECORD (Interval, size and number)

8190-8338 (OA) - 1 spf

7098-7134 - 2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8190-8338 (OA)	Acdz w/ 1500 gals 7-1/2% acid
	Frac w/ 100,000# 16/30 TLC + 125,000# 16/30 SLC
7098-7134	Acdz w/ 1000 gals 7-1/2% acid
	Frac w/ 39,500# 16/30 SLC

33. * PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut in)
07/21/03	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL---BBL.	GAS---MCF.	WATER---BBL.	GAS-OIL RATIO
07/31/03	24	---		196	156	1130	796-1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL---BBL.	GAS---MCF.	WATER---BBL.	OIL GRAVITY-API (CORR.)
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold

TEST WITNESSED BY
Alvin Isbell

35. LIST OF ATTACHMENTS
C-104, Sundry, Deviation Survey, Logs

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

SIGNED _Cathy Isbell_   TITLE Sr. Operation Tech   DATE 08/01/03

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitous or fraudulent statements or representations as to any matter within its jurisdiction.

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.
Basal Anhydrite	4289		
Delaware Lime	4574		
Cherry Canyon	5428		
Brushy Canyon	6673		
Bone Spring	8421		

38. GEOLOGICAL MARKERS	TOP		38. GEOLOGICAL MARKERS	TOP	
NAME	MEAS. DEPTH	TRUE VERT. DEPTH	NAME	MEAS. DEPTH	TRUE VERT. DEPTH