

CONFIDENTIAL.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
NM-90588

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Livingston Ridge 18 Fed. No

9. API Well No.
30-024-32324

10. Field and Pool, or Exploratory Area
E. Livingston Ridge Undes. Delaware

11. County or Parish, State
Lea County, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Pogo Producing Company

3. Address and Telephone No.
P. O. Box 10340, Midland, TX 79705-7340

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
480' FNL & 330' FWL, Section 18, T22S, R32E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12/27/93 Perf Brushy Canyon 8414'-74' (60' - 60 .50" dia holes). Acidize w/ 1500 gals 7-1/2% HCl.

12/29/93 Frac w/ 54,200 gals X/L gel w/ 81,225# 20/40 sand.

1/1/94 Run rods and pump. Put well on production.

2/1/94 Set CIBP @ 7978'. Perf Brushy Canyon 7758'-7774' (16' -33 .50" dia holes)

2/3/94 Acidize perfs 7758'-7774' w/ 1000 gals 7-1/2% HCl

2/4/94 Frac w/ 5000 gals X/L gel w/ 10,300# 16/30 sand

2/5/94 Run rods and pump. Put well on production.

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Senior Operations Engineer

Date February 18, 1994

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side