

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240FORM 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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-90587
2. Name of Operator Pogo Producing Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P. O. Box 10340, Midland, TX 79702-7340 432-685-8100	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FSL & 330' FWL, Section 18, T22S, R32E	8. Well Name and No. Livingston Ridge 18 Fed #4
	9. API Well No. 30-025-36295
	10. Field and Pool, or Exploratory Area Livingston Ridge Delaware
	11. County or Parish, State Lea County, NM

CONFIDENTIAL

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

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

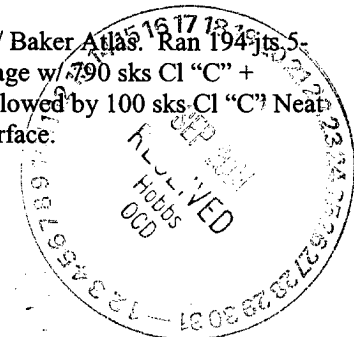
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Intermediate Csg - Drld 11" hole to 4418'. TD reached @ 14:30 hrs 07/11/03. Ran 99 jts 8-5/8" 32# J-55 ST&C csg. Cmt'd w/ 1000 sks 35:65:6 @ 12.4 ppg followed by 200 sks CI "C" + 2% CaCl₂ @ 14.8 ppg. Plug down @ 05:00 hrs 07/12/03. Cmt did not circ. Make cut-off. Install WH & NU BOP's. Test ok. Ran temp survey. TOC @ 1000'. Shot 2 holes @ 840'. Cmt thru perms w/ 200 sks 65:35:6 @ 12.4 ppg followed by 100 sks CI "C" + 2% CaCl₂ @ 14.8 ppg. Circ 104 sks to surface.

TD & Production Csg - Drld 7-7/8" hole to 8590'. TD reached @ 14:15 hrs 07/18/03. Logged well w/ Baker Atlas. Ran 194 jts 5-1/2" 15.5# & 17# LT&C csg. Cmt'd 1st stage w/ 920 sks CI "H" + additives @ 15.7 ppg. Cmt'd 2nd stage w/ 790 sks CI "C" + additives @ 14.09 ppg. Circ 150 sks to surface. Cmt'd 3rd stage w/ 350 sks 35:65 POZ @ 12.4 ppg followed by 100 sks CI "C" Near @ 14.8 ppg. Plug down @ 17:00 hrs 07/20/03. Circ 53 sks to surface. CBL ran 07/25/03. TOC @ surface.

ACCEPTED FOR RECORD

AUG 28 2003

GARY GOURLEY
PETROLEUM ENGINEER

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

Signed Cathy Timberlake Title Sr. Operation Tech Date 08/26/03

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: _____

Title _____ Date _____