Form 3160-5

(JUNE 1990)

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FORM.APPROVED
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RE Burget Bureau No. 1004-0135
D1 M
Expires: March 31, 1993

UNITED STATES	FORM, API
ARTMENT OF THE INTERIOR	RE Breyer Bureau
AU OF LAND MANAGEMENT	Expires: Marc
	5. LeaseDesignation and Serial

BUREAU OF LANI	) MANAGEMENT	3 Expires: March 31, 1993	
SUNDRY NOTICES ANI  Do not use this form for proposals to drill or  Use "APPLICATION FOR PE	to deepen or reentry to a different reservoir.	5. LeaseDesignation and Selfial 2a. 0 9710F-078896 6. If Indian. Allottee or Tribe Source. NVI	
SUBMIT IN T	RIPLICATE	7. If Unit or CA. Agreement Designation	
T. Type of Well Oil Well	Gas Uther Other	8. Well Name and No. Federal 29-22	
2 Name of Operator Louis Dreyfus Natural Gas Corp		9. API Well No. 30-045-24767	
3. Address and Telephone No. 14000 Quail Springs Parkway, Suite 600	Phone (405) 749-1300	10. Field and Pool, or Exploratory Area West Kutz P.C.	
4. Location of Well (Footage, Sec., T., R., M., or Survey Descrip 1800' FNL & 1800 FWL	tion	11. County or Parish, State	
SE NW Sec. 29-27N-11W  CHECK APPROPRIATE BOX	X(s) TO INDICATE NATURE OF NOTICE.	San Juan Co., NM REPORT OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
Subsequent Report - 6 1997	Abandonment  X Recompletion  Plugging Back  Casing Repair	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  22	
Direct Abandanasan Masia	Alterina Casina	Conversion to Injection	

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

Recomplete to Fruitland Coal & commingle with pictured Cliffs, as follows:

CON. DIY.

DIM. 3

- A. MIRU WOU. Load hole w/2% KCL wtr. ND WH & NU BOPs. TOH w/1" tbg & LD. RU WL. PU & RIH w/4-1/2" CIBP & set @ 1831'. Load csg & test to 3000 psi. PU & RIH w/2-3/8" tbg. RU BJ. Spot 250 gals 7-1/2% HCL acid across potential perfs. TOH w/tbg. RIH w/csg gun to perforate top down the Fruitland Coal: 1780-91' 4 spf; 1736-55 2 spf; Total 84 holes.
- B. RD WL. Prep to frac. Treat via 4-1/2" csg. Est surface treating pressure 1800 psi @ 40 BPM. Pump ± 48,000 gals 70Q N2 foam (30# linear gel) and ± 80000# 20/40 Brady Sand.
- C. Cleanup frac load, swab and/or CO as needed.
- D. PU sand line drill. RIH to knock out CIBP @ 1831' and tag to PBTD.
- E. PU & RIH w/2-3/8" tbg w/prod assembly. Set SN @  $\pm$  1735'. PU & RIH w/3/4" rods & 1-1/4" BHP. ND BOP & NU wellhead, RDMO WOU.
- F. Build pad & install pump unit. Hang well on. Start pump unit. Clean up frac load. Turn well to sales.

COLD C-104 HOR ASLY Plate					
14 Thereby certify that the foregoins is true and correct					
Signed	Engineer	Date	10/20/97		
(This space for Federal or State office use)			THAT O I MET		
			Date		