Form 3160-5

(JUNE 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIVED	FORM APPROVE
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Budget	Rureau	No	الص د 100
Duager	Dureau	NO.	1003001

Expi	res	Aarch	31,	1993

UNDRY NOTICES AND REPORTS ON WELLS	97	G_C	NMS
for proposals to drill or to deepen or reentry to a different rese	rvoir.		6. If Indi

LeaseDerignation and Serial No

Use "APPLICATION FOR PERMIT" for such proposals	6. It Indian; Alloner, or Virtoe Name
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
Oil X Gas Well Other	8. Well Name and No. Federal 29-33
2. Name of Operator Louis Dreyfus Natural Gas Corp	9. API Well No. 30-045-24792
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.
1. Location of Well (Footage, Sec., T., R., M., or Survey Description 1630' FEL & 1825' FSL NW SE Sec. 29-27N-11W	11. County or Parish, State San Juan Co., NM

TYPE OF SUBMISSION		TYPE OF ACTION	
Notice of Intent Carlot Control Final Vandonment Notice Notice of Intent Notice	Abandonment X Recompletion Plugging Back Casing Repair Altering Casing Other	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water	15 15 15 15 15 15 15 15 15 15 15 15 15 1
Describe Proposed Completed Button Golden State all pertinent details.	and give pertinent dates, including estimated date of	(Note Report results of multiple completions on Well Completion or Recompletion Report and log Form.)	

- Recomplete to Fruitland Coal & commingle with Pictured Cliffs, as follows:
- 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 @ 1805'. 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 from 1760-71' 4 spf; 1712-29' 2 spf; Total 80 holes.
- B. RD WL. Prep to frac. Treat via 4-1/2" csg. Est surface treating pressure is 1800 psi @ 40 BPM. Pump + 37,000 gals 70QN2 foam (30# linear gel) and ± 60,000# 20/40 Brady Sand. RD BJ. Wait 2 hours & start fluid recovery on choke.
- C. Cleanup frac load. Swab and/or CO as needed.
- D. PU sand line drill. RIH to knock out CIBP @ 1805' and tag to PBTD.
- E. PU & RIH w/2-3/8" tbg w/production assembly. Set SN @ ± 1710'. 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.

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14. I hereby certify that the f	oregoing is true and correct	Engineer	Date	10/20/97
(This space for Hook ral or St Approved by	ale office use)	Title	NOV 0	4 1997
Conditions of approval, if an	y:			<u> </u>