

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

2. Name of Operator
Louis Dreyfus Natural Gas Corp.

3a. Address 14000 Quail Springs Parkway
Suite 600, Oklahoma City, OK 73134

3b. Phone No. (include area code)
(405) 749-5287

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SL: 1930' FWL & 280' FSL Sec. 13, T22S-R25E

5. Lease Serial No.

NM-96568

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Well Name and No.

McGruder "13" Federal Com.

9. API Well No.

38-015-29871

10. Field and Pool, or Exploratory Area

Happy Valley Morrow Gas

11. County or Parish, State

Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Shoot 2 SPF from 11,127' to 11,133' in Middle Morrow, 12 shots total. Acidized with 10,000 scf N2 pad, 2,000 gal. 7 1/2% acid w/corrosion inhibitor; tension reducer; surfactant; non-emulsifier; foaming agent; w/1,000 scf N2 w/each 42 gal. acid w/10 ball seals flush w/44 bbl. 2% KCl water w/30,135 scf N2. ISIP-2,800 psi; 5 min.-2,690 psi; 10 min.-2,611 psi; 15 min.-2,558 psi. Max psi 5,200; min. psi 4,700; avg. psi 4,300. Avg. injection rate 6 BPM.

5 1/2" CIBP set @ 11,106'. Dropped 18' cement on plug, PBTD 11,088'.

Perf. casing @ 11,010'-11,018', 8' w/17 holes. Acidized with 1,500 gal. 7 1/2% acid w/corrosion inhibitor, iron control, tension reducer, surfactant, clay control, non-emulsifier, w/1,000 scf N2 per 42 gal., drop 12 ball sealers; 1,500 gal. acid w/N2, 12 ball sealers, 1,500 gal acid w/N2, flush w/48 bbl 2% KCl water w/foaming agen & 46,000 scf N2 (acid water was mixed w/25% methanol). ISIP-4,300#; 5 min.-3,325#; 10 min.-3,209#; 15 min.-3,120#.

Perf. 11,062'-11,066' w/2 spf; 9 holes. Acidized as follows: Pumped 10,000 scf N2 as prepad; pumped 500 gal. of acid w/1,000 scf N2/bbl. plus 100# of BAF (blocking agent).

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Terrye D. Bryant

Signature

Terrye D. Bryant

Title

Regulatory Technician

Date

Sept. 11, 1998

ACCEPTED FOR RECORD

NOV 02 1998

ORIG. SGD. GARY GOURLEY

BLM

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.