

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.

5. Lease Serial No.

SF-079162

6. If Indian, Allottee or Tribe Name

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

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)

1650' FNL & 990' FWL
SW NW Sec. 5-T26N-R7W

8. Well Name and No.

MKL #14

9. API Well No.

30-039-06712

10. Field and Pool, or Exploratory Area

S. Blanco P.C.

11. County or Parish, State

Rio Arriba, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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.)

1. MIRU WOU, reverse circulating equipment. Load hole w/2% KCl water. ND WH & NU BOP's.
2. TOH w/2 3/8" tubing and packer. PU 2 3/8" tubing string, 4 3/4" bit & 3 1/2" DC's. Clean out to TD and deepen to 2390' if possible.
3. Spot 75 sx. Cl. H w/2% CaCl2 and 1/4# cello flake (16.4 ppg-1.08 cuft/sx) cement plug from TD. WOC over night and drill out cement.
4. PU & RIH w/4" 10.46# flush joint casing string (\pm 2390') and 15-20 ft. shoe joint. Land casing as close to bottom as possible. Establish circulation w/2% KCl water and cement 4" casing string w/100 sx. Cl. H + 10% Thixad + 1% CaCl2 + 8 #/sx. Gilsonite (14.6 ppg - 1.50 cuft/sx.) followed by 100 sx. Cl. H + 2% CaCl2 (15.7 ppg-1.18 cuft/sx). WOC \pm 8 hrs. Run temperature survey if cement did not circulate.
5. ND BOP's, cut off casing and install head.
6. Load and test casing. RU WL. Run logs, perforate Pictured Cliffs based on new logs. RD WL.
7. Acidize/balloff PC perfs via 4" casing w/1,000 gal. 15% HCl acid and ballsealers. Estimated rate @ 6-8 BPM @ \pm 1,000 psi. Flush w/2% KCl water. Surge ball off perfs

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

September 23, 1998

9-23-98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

SEP 24 1998

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.

(Instructions on reverse)

Verbal Approval 9/23/98 - 1:05 PM w/surface strips.

Form 3160-5

Louis Dreyfus Natural Gas Corp.

MKL Well No. 14

Notice of Intent to Acidize, Fracture Treat continued
September 23, 1998

- and wait for balls to fall below perfs. Frac PC via 4" casing @ 60 BPM and \pm 2,600 psi surface treating pressure. Pump \pm 50,000 gallons 70 Quality N2 foam (20# XL base) and \pm 90,000# 20/40 Arizona Sand and 10,000# 20/40 RCS.
8. RIH w/2 3/8" tubing & CO to TD w/N2. POOH w/tubing.
 9. PU TA & RIH w/2 3/8" production tubing. PU & RIH w/3/4" rod string and 1 1/4" BHP. RDMO WOU. Build pad and install pumping unit. Hang well on.
 10. Install wellhead compressor. Turn well to sales.

Anticipate work beginning 9/24/98.