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Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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

5. Lease Designation and Serial No.
~~004341~~ NM0331649A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
Louis Dreyfus Natuarl Gas

8. Well Name and No.
Ram Ewe Fed. #3

3. Address and Telephone No.
14000 Quail Springs PKWY, Suite 600, Oklahoma City, OK 73134

9. API Well No.
3001527737

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 33, T22S, R26E
SW SE Sec 33- 22S - 26E 700' FSL 1980' FEL

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other H2S Report	[ ] 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.)*

In compliance with Onshore Order No.6 this well produces (H2S) Hydrogen Sulfide Gas.

Measurements indicate 23,381 ppm H2S in the gas stream.

100 ppm ROE = 80ft.
500 ppm ROE = 36 ft.

@ 29MCF/D

MAR 1997 acs

BUREAU OF LAND MANAGEMENT RECEIVED MAR 17 1997 DIST. 6 N.M. Carlsbad, New Mexico

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

Signed Tommy A. Cowin Title Environmental & Safety Director Date 3-11-97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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.

*See Instruction on Reverse Side

Laboratory Services, Inc.
1331 Tasker Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

FOR: Louis Dreyfus Natural Gas
Attention: Larice
P. O. Box 370
Carlsbad, New Mexico 88221

SAMPLE IDENTIFICATION: Casing
Ram Ewe Fed. #3
COMPANY: Louis Dreyfus
LEASE:
PLANT:

SAMPLE DATA:
DATE SAMPLED: 12/27/96 11:15 AM
ANALYSIS DATE: 12/30/96
PRESSURE – PSIG 50
SAMPLE TEMP. °F
ATMOS. TEMP. °F 70

GAS (XX) LIQUID ( )
SAMPLED BY: Rolland Perry
ANALYSIS BY: Vickie Walker

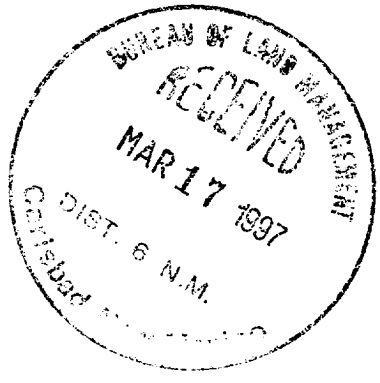
REMARKS: H2S = 23,381 PPM

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2S)	2.34	
Nitrogen	(N2)	22.47	
Carbon Dioxide	(CO2)	0.12	
Methane	(C1)	15.88	
Ethane	(C2)	36.08	9.624
Propane	(C3)	15.95	4.386
I-Butane	(IC4)	1.98	0.645
N-Butane	(NC4)	3.21	1.009
I-Pentane	(IC5)	0.86	0.315
N-Pentane	(NC5)	0.65	0.234
Hexane Plus	(C6+)	0.46	0.191
		100.00	16.404

BTU/CU.FT. – DRY	1467
AT 14.650 DRY	1462
AT 14.650 WET	1437
AT 14.73 DRY	1470
AT 14.73 WET	1444
SPECIFIC GRAVITY – CALCULATED	1.108
MEASURED	

MOLECULAR WT. 32.0787



Ram Ewe Fed. #3

Radius of Exposure (ROE)
Hydrogen Sulfide Gas
Max. Escape Volume = 29 MCF/D

100 ppm ROE

$$\frac{((1.589 * ppm * MCF/D))}{1000} .6258$$

$$\frac{((1.589 * 23,381 * 29))}{1000} . 6258 = 80 \text{ feet}$$

500 ppm ROE

$$\frac{((0.4546 * 23,381 * 29))}{1000} .6258 = 36 \text{ feet}$$

P.O. Box 618
Sonora, TX
76950

Telephone 1 915 387-3588
Fax 1 915 387-2763

Louis Dreyfus Natural Gas

March 13, 1997

Department of the Interior
Bureau of Land Management
P.O. Box 1778
Carlsbad, New Mexico 88210

In compliance with Onshore Order No. 6 and to protect public health and safety, Louis Dreyfus Natural Gas is filing the enclosed Sundry Notice to provide Hydrogen Sulfide information.

A Public Protection Plan will not be required on this site because:

1.) The 100 ppm Roe does not exceed 3,000 feet.

2.) The 100 ppm Roe does not exceed 50 feet and include any occupied residence, school, church, park, school bus stop, place of business, or other area where the public could reasonably be expected to frequent.

3.) The 500 ppm Roe is not greater than 50 feet.

If further information is required contact me at (915) 387-5355.

This information is correct to the best of my knowledge and expertise.

Respectfully submitted,

Tommy H. Arnwine, A.S.P.
Environmental & Safety Director
Texas / New Mexico

cc: Gene Simer