

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Louis Dreyfus Natural Gas

3. Address and Telephone No.

14000 Quail Springs PKWY, Suite 600 Oklahoma City, OK 73134

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

Sec 33, T22S, R26

SW/4NE/4 1980' FNL 1980' FEL

5. Lease Designation and Serial No.

24426 NM 34247

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Sheepdraw Fed. #8

9. API Well No.

3001527669

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

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other H2S Report

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)*

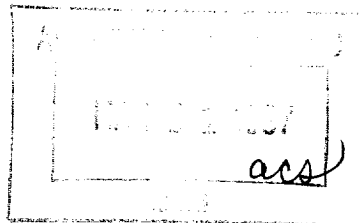
In compliance with Onshore Order No. 6 this well produces (H2S) Hydrogen Sulfide Gas.

Measurements indicate 8,684 ppm H2S in the gas stream.

100ppm ROE = 35 ft.

500ppm ROE = 16 ft.

@ 21 MCF/D



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

Signed

Title Environmental & Safety Director

Date 3-11-97

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title

Date

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 Casing
IDENTIFICATION: Sheep Draw Fed. #8
COMPANY: Louis Dreyfus
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 12/27/96 11:00 AM

ANALYSIS DATE: 12/27/96

PRESSURE - PSIG 48

SAMPLE TEMP. °F

ATMOS. TEMP. °F 70

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

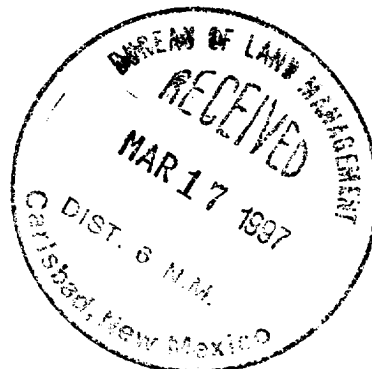
REMARKS:

B2S = 8,684 PPM

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	0.87	
Nitrogen (N2)	28.14	
Carbon Dioxide (CO2)	0.56	
Methane (C1)	13.89	
Ethane (C2)	36.81	
Propane (C3)	13.57	9.822
I-Butane (IC4)	1.59	3.730
N-Butane (NC4)	2.50	0.518
I-Pentane (IC5)	0.74	0.785
N-Pentane (NC5)	0.58	0.269
Hexane Plus (C6+)	0.75	0.210
		<u>0.309</u>
	100.00	15.643
BTU/CU.FT. - DRY	1360	
AT 14.650 DRY	1356	
AT 14.650 WET	1332	
AT 14.73 DRY	1364	
AT 14.73 WET	1340	
SPECIFIC GRAVITY -		
CALCULATED	1.094	
MEASURED		

MOLECULAR WT. 31.6813



SHEEPDRAW #3

Radius of Exposure (ROE)

Hydrogen Sulfide Gas

Max. Escape Volume = 21 MCF/D

100 ppm ROE

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

$$\frac{((1.589 * 8684 * 21))}{1000} .6258 = \underline{35} \text{ feet}$$

500 ppm ROE

$$\frac{((0.4546 * 8684 * 21))}{1000} .6258 = \underline{16} \text{ feet}$$





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