

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

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

5. Lease Designation and Serial No.
4308001 NM-88115

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Dall Federal #2

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Eddy County, NM

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Louis Dryfus Natural Gas

3. Address and Telephone No.
1400 Quail Spring Pkwy., Oklahoma City, OK 73134

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NWSW
 S33, T22s, R26E**

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 OIL CON. DIV.
 DIST. 2

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other H2S
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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 Hydrogen Sulfide Gas.
 Measurements indicate 15,007 ppm H₂S in the gas stream.

100 ppm ROE = 20 ft.
 500 ppm ROE = 9 ft.

David A. Glass
 310815

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 DIST. 2

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

Signed *David A. Glass* Title Environmental & Safety Director Date 02 August 1996

(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 statement or representations as to any matter within its jurisdiction.

RECEIVED

Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

AUG 5 2 28 PM '96

CARLSBAD AREA

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

SAMPLE IDENTIFICATION: Dall Fed. #2
COMPANY: Louis Dreyfus Nat. Gas
LEASE:
PLANT:

SAMPLE DATA:	DATE SAMPLED:	02-19-96 10:35	AK GAS (XX)	LIQUID ()
	ANALYSIS DATE:	02-19-96	SAMPLED BY:	Rolland Perry
	PRESSURE - PSIG	28.00	ANALYSIS BY:	Rolland Perry
	SAMPLE TEMP. °F			
	ATMOS. TEMP. °F	65.00		
REMARKS:	H2S = 15,007 PPM			

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM	
Hydrogen Sulfide	(H2S)	1.50		
Nitrogen	(N2)	18.83		
Carbon Dioxide	(CO2)	0.13		
Methane	(C1)	6.43		
Ethane	(C2)	36.71	9.794	
Propane	(C3)	24.01	6.601	
I-Butane	(IC4)	3.32	1.084	
N-Butane	(NC4)	5.41	1.701	
I-Pentane	(IC5)	1.42	0.519	
N-Pentane	(NC5)	1.06	0.384	
Hexane Plus	(C6+)	1.18	0.484	
		100.00	20.567	
BTU/CU.FT. - DRY		1768	MOLECULAR WT.	36.3834
AT 14.650 DRY		1763		
AT 14.650 WET		1732		
AT 14.73 DRY		1772		
AT 14.73 WET		1742		
SPECIFIC GRAVITY - CALCULATED		1.256		
MEASURED				

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CARLOS...
AREA... OFFICERS

DALL FEDERAL # 2

Radius of Exposure (ROE)
Hydrogen Sulfide Gas (H₂S)
Maximum Escape Volume = 5 MCF/D

100 ppm ROE

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

$$\left(\frac{(1.589) (15,007) (5)}{1000} \right)^{.6258} = 20 \text{ ft.}$$

500 ppm ROE

$$\left(\frac{(0.4546) (\text{ppm}) (\text{MCF/D})}{1000} \right)^{.6258}$$

$$\left(\frac{(0.4546) (15,007) (5)}{1000} \right)^{.6258} = 9 \text{ ft.}$$

P.O. Box 129
Whiteface, TX 79379

August 2, 1996

AUG 5 2 23 PM '96

CARLSBAD DISTRICT OFFICE
AREA ENGINEERS

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.

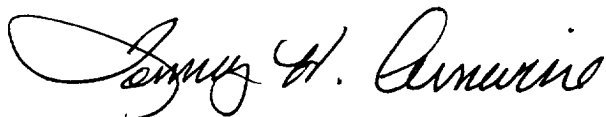
A Public Protection Plan will not be required on this site because:

- 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 (806) 525-4373.

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