

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0135
Expires: March 31, 1993

458

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

NM Oil Cons. Division
811 S 1st Street
Artesia, NM 88210-2834

SUBMIT IN TRIPLICATE

Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
Name of Operator
Louis Dryfus Natural Gas
Address and Telephone No.

00 Quail Spring Pkwy., Oklahoma City, Ok 73134
Location of Well (Footage, Sec., T., R., M., or Survey Description)

2240' FSL & 2240' FEL
S33' T2S, R26E

5. Lease Designation and Serial No.
NM0331649 (A)
6. If Indian, Allottee or Tribe Name
NA
7. If Unit or CA, Agreement Designation
NA
8. Well Name and No.
Ram Ewe Fed. #4
9. API Well No.
30-015-27738
10. Field and Pool, or Exploratory Area
11. County or Parish, State
Eddy County, NM

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 <u>H2S Report</u>
	<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

3. 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.)

compliance with Onshore Order No.6,
s well produces Hydrogen Sulfide Gas.
surements indicate 4,335 ppm H2S in the gas stream

ppm ROE = 25 ft.
ppm ROE = 12 ft.

RECEIVED
Aug 5 2 26 PM '96
OAK
AREA

ACCEPTED
AUG 26 1996
GCL

14. I hereby certify that the foregoing is true and correct
Signed Enviromental & Safety Director Title Enviromental & 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

AUG 5 2 26 PM '96

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

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

SAMPLE
IDENTIFICATION: Ram Eye Fed. #4
COMPANY: Louis Dreyfus Nat. Gas
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 02-19-96 11:00 AM GAS (XX) LIQUID ()
ANALYSIS DATE: 02-19-96 SAMPLED BY: Rolland Perry
PRESSURE - PSIG 17.00 ANALYSIS BY: Rolland Perry
SAMPLE TEMP. °F
ATMOS. TEMP. °F 66.00
REMARKS: H2S = 4,335 PPM

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM	
Hydrogen Sulfide	(H2S)	0.43		
Nitrogen	(N2)	15.90		
Carbon Dioxide	(CO2)	0.45		
Methane	(C1)	25.05		
Ethane	(C2)	28.96	7.729	
Propane	(C3)	17.37	4.774	
I-Butane	(IC4)	2.68	0.874	
N-Butane	(NC4)	5.06	1.590	
I-Pentane	(IC5)	1.51	0.551	
N-Pentane	(NC5)	1.22	0.441	
Hexane Plus	(C6+)	1.37	0.561	
		100.00	16.520	
BTU/CU.FT. - DRY		1632	MOLECULAR WT.	32.8297
AT 14.650 DRY		1627		
AT 14.650 WET		1598		
AT 14.73 DRY		1635		
AT 14.73 WET		1607		
SPECIFIC GRAVITY -				
CALCULATED		1.134		
MEASURED				

RECEIVED

AUG 5 2 26 PM '96

CARLE
AREA 1

RAM EWE FEDERAL # 4

Radius of Exposure (ROE)
Hydrogen Sulfide Gas (H₂S)
Maximum Escape Volume = 25 MCF/D

100 ppm ROE

$$\left(\frac{(1.589) (\text{ppm}) (\text{MCF/D})}{1000} \right)^{.6258}$$
$$\left(\frac{(1.589) (4.335) (25)}{1000} \right)^{.6258} = 25 \text{ ft.}$$

500 ppm ROE

$$\left(\frac{(0.4546) (\text{ppm}) (\text{MCF/D})}{1000} \right)^{.6258}$$
$$\left(\frac{(0.4546) (4.335) (25)}{1000} \right)^{.6258} = 12 \text{ ft.}$$

Louis Dreyfus Natural Gas Corp.

P.O. Box 129
Whiteface, TX 79379

August 2, 1996

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.

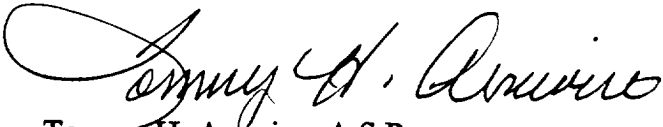
A Public Protection Plan will not be required on this site because:

- 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. Arrwine, A.S.P.
Environmental & Safety Director
Texas / New Mexico