

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
Designation and Serial No.

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 Q uail Springs Pkwy, Suite 600, Oklahoma City, OK 73134

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

NW/4 NE/4 Sec 33 T-22S R-26E

990' FNL & 2310' FEL

NM 34247

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Sheepdraw Fed. #4

9. API Well No. ✓

3001528701

10. Field and Pool, or Exploratory Area

Happy Valley

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.)*

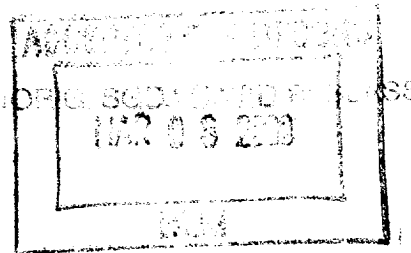
In compliance with Onshore Order No. 6, this well produces (H2S). Hydrogen Sulfide Gas.

Measurements indicate 36,016 ppm H2S in the gas stream.

100 ppm R.O.E. = 74 ft.

500 ppm R.O.E. = 34 ft.

@ 17 MCF/D



RECEIVED - 1 P 12:18

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

Signed [Signature]

Title Environmental & Safety Director

Date 1-28-99

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: _____

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Get Loc No.
API No.
Field from ASYOD

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

SUNDRY NOTICES AND REPORTS ON WELLS

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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)

1650' FSL & 330' FWL NW/4 NE/4 SEC 33-22S-26E
Section 28, T-22S, R-26E,

5. Lease Designation and Serial No.

6. If Indian, Allotment or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Sheepdraw "28" 117

9. API Well No.

3001529533 3001528701

10. Field and Pool, or Exploratory Area

Happy Valley

11. County or Parish, State

Eddy County, NM

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

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

TYPE OF ACTION

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☐ 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 36,014 ppm H2S in the gas stream.

100 ppm R.O.E. = 54.3 ft.

500 ppm R.O.E. = 25.5 ft.

6 MCF/D

17 MCF/D

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

Signed Thomas A. Quinn

Title Environmental & Safety Director

Date 5-26-98

(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

FEB-20-96 TUE 7:46 Laboratory Services

Laboratory Services, Inc.1331 Tacker 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: Sheep Draw Fed. #4

COMPANY: Louis Dreyfus Nat. Gas

LEASE:

PLANT:

SAMPLE DATA: DATE SAMPLED: 02-19-96 9:45 AM GAS (XX) LIQUID ()
 ANALYSIS DATE: 02-19-96 SAMPLED BY: Rolland Perry
 PRESSURE - PSIG 34.00 ANALYSIS BY: Vickie Walker
 SAMPLE TEMP. °F
 ATMOS. TEMP. °F 60.00
 REMARKS: H2S = 36,016 PPM

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	3.60	
Nitrogen (N2)	15.00	
Carbon Dioxide (CO2)	0.12	
Methane (C1)	23.30	
Ethane (C2)	31.65	8.446
Propane (C3)	15.12	4.155
I-Butane (IC4)	4.61	1.506
N-Butane (NC4)	3.47	1.091
I-Pentane (IC5)	1.92	0.700
N-Pentane (NC5)	0.42	0.151
Hexane Plus (C6+)	0.79	0.323
	100.00	16.372
BTU/CU.FT. - DRY	1593	MOLECULAR WT. 32.4660
AT 14.650 DRY	1588	
AT 14.650 WET	1560	
AT 14.73 DRY	1597	
AT 14.73 WET	1569	
SPECIFIC GRAVITY -		
CALCULATED	1.121	
MEASURED		

Sheepdraw Fed #4

$$100\text{ft.} \quad \frac{((1.589) (\text{ppm}) (\text{MCF/D}))}{1000} .6258$$

$$500\text{ft.} \quad \frac{((0.4546) (\text{ppm}) (\text{MCF/D}))}{1000} .6258$$

$$100\text{ft.} \quad = \frac{((1.589) (36.016) (17))}{1000} .6258$$

$$100\text{ft.} = 74 \text{ ft.}$$

$$500 \text{ ft.} = \frac{((0.4546) (36.016) (17))}{1000} .6258$$

$$500 \text{ ft.} = 34\text{ft.}$$

11-10-17 12:18