CISF
Op

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Apropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address
Louis Dreyfus Natural Gas
14000 Quail Springs Parkway, #600
Oklahoma City, Oklahoma 73134

2 OGRID Number: 025773

3 Reason for Filing Code: NW - TA

4 API Number: 30-015-31022

5 Pool Name: Undesignated Empire South (Morrow)

6 Pool Code: 76400

7 Property Code: 24932

8 Property Name: Loco Hills 4 Fed Com

9 Well Number: 3

II. 10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	4	18S	29E		1980	North	710	West	Eddy

11 Bottom Hole Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Lse Code: TA
13 Producing Method Code
14 Gas Connection Date
15 C-129 Permit Number
16 C-129 Effective Date
17 C-129 Expiration Date

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description

SEP 2000
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OCD - ARTESIA

IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

25 Spud Date: 3-5-00
26 Ready Date:
27 TD: 11,154
28 PB TD:
29 Perforations: 10,819 - 10,848; 10,172 - 10,191; 9,406 - 9,434; 8,795 - 8,810, 6,192 - 6,210

30 Hole Size	31 Casing & Tubing Size	32 Depth Set	33 Sacks Cement
17 1/2	13 3/8	421	645 sks prem plus
12	9 5/8	3061	875 sks Prem & Interfill
7 7/8	5 1/2	11154	1250 sks Super H

VI. Well Test Data

34 Date New Oil	35 Gas Delivery Date	36 Test Date	37 Test Length	38 Tbg. Pressure	39 Csg. Pressure

40 Choke Size	41 Oil	42 Water	43 Gas	44 AOF	45 Test Method

46 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief

Signature: Carla Christian
Printed name: Carla Christian
Title: Regulatory Technician
Date: 9-12-00
Phone: (405) 749-5263

OIL CONSERVATION DIVISION

Approved by: For Record Only BGH
Title:
Approval Date:

47 If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

Form 3160-4
(August 1999)

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
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
LC- 058581

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry Other TA
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
Louis Dreyfus Natural Gas Corporation

8. Lease Name and Well No.
Loco Hills 4 Fed Com #3

3. Address 14000 Quail Springs Parkway, Suite 600, OKC, OK 73134

3a. Phone No. (include area code)
(405) 749-5263

9. API Well No.
30-015-31022

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1980 FNL & 710 FWL

10. Field and Pool, or Exploratory
Undes. Empire So. (Morrow)

At top prod. interval reported below

11. Sec., T., R., M., on Block and Survey or Area 4-18S-29E

At total depth Same

12. County or Parish Eddy

13. State NM

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14. Date Spudded 3-5-00

15. Date T.D. Reached 4-13-00

16. Date Completed ☐ D & A ☐ Ready to Prod. T & A

17. Elevations (DF, RKB, RT, GL)* 3535'

18. Total Depth: MD 11,154 TVD

19. Plug Back T.D.: MD 8,695 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Three Detector Litho-Density Compenstated Neutron/NGT
Azimuthal Laterolog - Micro-CFL/NGT

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	54.5		421'		645 sks Prem. Plus		Surface	-0-
12	9 5/8	36.0		3061'		875 sks Prem & Interfill		Surface	-0-
7 7/8	5 1/2	17.0		11154'		1250 sks Super H		5,500'	-0-

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	6100'	6100'	5 1/2					

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			10,819 - 10,848	4"	174	
B)			10,172-178, 183-191	4"	64	
C)			9,406-413, 425-434	4"	34	
D)			8,795 - 8,810	4"	60	
			6,192 - 6,210	4"	72	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10,819 - 10,848	500 Gal 7.5% NEFE Acid
10,172 - 10,191	100 Gal HCL Acid frac w/co2
9,406 - 9,434	2,500 Gal & 50 balls
8,795 - 8,810	2,500 Gal 15% NEFE Acid & 100 balls

ACCEPTED FOR RECORD
SEP 2 2 2001
BLM

28. Production - Interval A 6,192 - 6,210 - 100 Gal 15% NEFE Acid

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
									TA

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Bone Springs	4080				
Wolfcamp	7795				
Cisco	8770				
Strawn	9975				
Atoka	10265				
Atoka/Morrow Lime	10450				
Morrow Clastic	10770				
Lower Morrow	10885				

32. Additional remarks (include plugging procedure):

CIBP's at 10,560, 10,100, 9,923, 8,730 all with 35' of cement on top.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Carla Christian Title Regulatory Technician

Signature Carla Christian Date 9-12-00

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

☆U.S. GPO: 1999—573-624