

C15F
Op

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1009 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 Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address				2 OGRID Number					
Louis Dreyfus Natural Gas				025773					
14000 Quail Springs Parkway, #600				3 Reason for Filing Code					
Oklahoma City, Oklahoma 73134				NW - TA					
4 API Number		5 Pool Name		6 Pool Code					
30-015-31022		Undesignated Empire South (Morrow)		76400					
7 Property Code		8 Property Name		9 Well Number					
24932		Loco Hills 4 Fed Com		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 Use Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

TA

III. Oil and Gas Transporters

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



IV. Produced Water

23 POD	24 POD ULSTR Location and Description
--------	---------------------------------------

V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 FB TD	29 Perforations
3-5-00		11,154		
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

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.

OIL CONSERVATION DIVISION

Signature: Carla Christian

Approved by

For Record Only B64

Title

Approval Date

Printed name: Carla Christian

Title: Regulatory Technician

Phone: 9-12-00 (405) 749-5263

17 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

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

2. Name of Operator

Louis Dreyfus Natural Gas Corporation

3. Address 14000 Quail Springs Parkway,
Suite 600, OKC, OK 731343a. Phone No. (include area code)
(505) 789-5263

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

At surface 1980 FNL & 710 FWL

At top prod. interval reported below

At total depth Same

14. Date Spudded

3-5-00

15. Date T.D. Reached

4-13-00

16. Date Completed

☐ D & A ☐ Ready to Prod.
T & A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Loco Hills 4 Fed Com #3

9. API Well No.

30-015-31022

10. Field and Pool, or Exploratory
Undes. Empire So. (Morrow)11. Sec., T., R., M., on Block and
Survey or Area 4-18S-29E

12. County or Parish

Eddy

13. State

NM

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

3535'

18. Total Depth: MD 11,154
TVD19. Plug Back T.D.: MD 8,695
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Three Detector Litho-Density Compensated Neutron/NGT
Azimuthal Laterolog - Micro-CFL/NGT22. 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 Sk. & 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

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	

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

6,192 - 6,210 4"

72

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

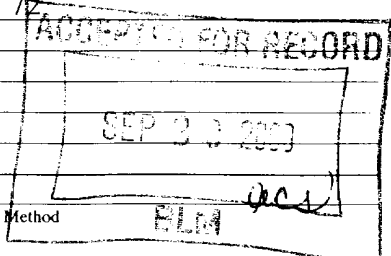
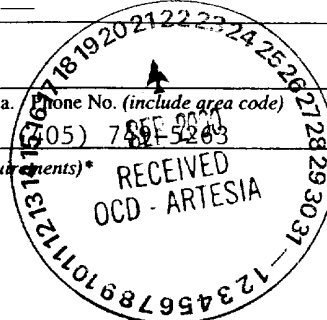
28. Production - Interval A 6,192 - 6,210 - 100 Gal 15% NEFE Acid

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)



Date 9-12-00

Name (please print)	Carla Christian
Title	Regulatory Technician

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

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:

33. Circle enclosed attachments:

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

37. Additional remarks (include plugging procedure):

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

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.

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

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

Pale First Produced	Test Date	Hours Tested	Oil Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Corr. API	Gas Gravity	Well Status
			←	BBL	MCF	BBL				
			←	Oil BBL	Gas MCF	Water BBL				
			24 Hr.	Rate			Gas : Oil Ratio			
			Csg. Press.	Fwg. SI						
			Choke Size							

28c. Production - Interval D

Produced	Date	Tested	Test	Oil	Gas	Water	Oil Gravity	Corr. API	Gas Gravity	Well Status	Production Method
SI	Choke	24 Hr.	Rate	Oil	Gas	Water	Gas: Oil	Well Status	Production Method		

28b. Production - Interval C