

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Form C-105  
Revised March 25, 1999

C151  
Bumy  
Bgm  
Seth

WELL API NO.

30-015-31173

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No. B-2071

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER

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 of Operator 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

7. Lease Name or Unit Agreement Name

Geronimo "27" State

8. Well No.

1

9. Pool name or Wildcat

Empire Penn

4. Well Location

Unit Letter 0 700 Feet From The South Line and 1850 Feet From The East Line

Section 27 Township 17S Range 28E NMPM Eddy County

10. Date Spudded 6-18-00	11. Date T.D. Reached 7-15-00	12. Date Compl. (Ready to Prod.) 10-13-00	13. Elevations (DF& RKB, RT, GR, etc.) 3668'	14. Elev. Casinghead
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15. Total Depth 10,660	16. Plug Back T.D. 10,115	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools Yes	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name

9,949 - 9,957 6 Spf

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run Three Detector Lithodensity  
Natural Gamma Ray Spectroscopy Tool

22. Was Well Cored

Yes

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	435'	17 1/2"	425 sks	-0-
9 5/8"	36.0#	2649'	12 1/4"	850 sks	-0-
5 1/2"	17.0#	10659'	8 3/4"	1375 sks	-0-
CIBP @ 10,150 w/35' of cement on top.					

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"		9851'

26. Perforation record (interval, size, and number)

10,201 - 10,209 6 SPF

9,949 - 9,957 6 SPF

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

10,201-10,209 750 Gal Mod 101 Acid w/additives

10,201-10,209 Frac w/270 Co2 Foam

28. PRODUCTION

Date First Production 10-13-00	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
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Date of Test 10-23-00	Hours Tested 24	Choke Size 19/64	Prod'n For Test Period	Oil - Bbl 44	Gas - MCF 3025	Water - Bbl. 0	Gas - Oil Ratio 1:68,750
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Flow Tubing Press. 2040	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 44	Gas - MCF 3025	Water - Bbl. 0	Oil Gravity - API - (Corr.) 59.0
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29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By

30. List Attachments

Logs - Azimuthal Laterolog Micro-CFL/NGT, Mechanical Side Wall Coring Tool

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Carla Christian Printed Name Carla Christian Title Regulatory Technician Date 11-21-00

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy_____	T. Canyon_____
T. Salt_____	T. Strawn 9170
B. Salt_____	T. Atoka 9770
T. Yates_____	T. Miss_____
T. 7 Rivers_____	T. Devonian_____
T. Queen_____	T. Silurian_____
T. Grayburg_____	T. Montoya_____
T. San Andres_____	T. Simpson_____
T. Glorieta_____	T. McKee_____
T. Paddock_____	T. Ellenburger_____
T. Blinebry_____	T. Gr. Wash_____
T. Tubb_____	T. Delaware Sand_____
T. Drinkard_____	T. Bone Springs_____
T. Abo reef 6000	T. Lower Atoka 9893
T. Wolfcamp 7015	T. Morrow Clastics_____
T. Penn_____	T. _____ 10,185
T. Cisco (Bough C)_____	T. Lower Morrow 10,247
	Chester 10,558

## Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
 No. 2, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

**LITHOLOGY RECORD** (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology