

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

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 Corp

3. Address and Telephone No.

14000 Quail Springs Parkway, Suite 600

Phone (405) 749-1300

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

1980' FNL & 1980' FWL

Sec 12 - T23S - R25E

5. Lease Designation and Serial No.

NM 0453201

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Squaw Federal # 1

9. API Well No.

30-015-20999

10. Field and Pool, or Exploratory Area

Sheep Draw Strawn

11. County or Parish, State

Eddy, New Mexico

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

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed 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.)*

SEE ATTACHED COMPLETION PROCEDURE AND WELL SCHEMATIC.

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

Signed

Kenb Sams

Title

Production Eng

Date

11/17/97

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

Title

PETROLEUM ENGINEER

Date

JAN 21

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.

*See Instructions on Reverse Side

LOUIS DREYFUS NATURAL GAS CORP

SQUAW FEDERAL # 1 "F" Sec 12-T23S-R25E EDDY COUNTY, NEW MEXICO

PURPOSE: Abandon the Strawn zone, complete additional Strawn, if Strawn not productive, complete the Penn Lime.

1. MI & RU completion unit. Load tbg w/ 2 % KCL water. ND well head and NU BOP.
2. TOOHH w/ tubing. See schematic for details.
3. Set 5 1/2" OD CIBP at 10,100'.
4. Load casing with 2% KCL water and test casing to 1000 psi. Dump 50' cement on top of CIBP.
5. TIH w/ 5 1/2" Lok-Set packer, on/off tool, w/ 2.25" "F" profile to 9900". Spot acid per recommendation over Strawn 9880 to 9898'. Pull packer to 9755', reverse excess acid into tbg. Set packer at 9755'.
6. Swab fluid level down to 1200' from surface.
7. MI&RU wireline. Perforate Strawn as follows:
Correlate perforations to Schlumberger CN/Litho-Den dated 12/20/73.
Utilize a 2 1/8" hollow carrier perforating gun Phased at 90 degrees.

Strawn	9880 - 9898'	18 ft	37 holes
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8. Acidize well per attached recommendation.
9. Swab load and put on production. If well not productive, set CIBP at 9830' & cap w/ 50' of cement. Move to next step. If well productive produce well and perform additional completion at later date.
10. TIH w/ 5 1/2" Lok-Set packer, on/off tool, w/ 2.25" "F" profile to 9690'. Spot 500 gals of Fer Chk II acid over Penn lime 9678 to 9688'. Pull packer to 9550', reverse excess acid into tbg. Set packer at 9550'.
11. Swab fluid level down to 1200' from surface.
12. MI&RU wireline. Perforate Penn Sand as follows:
Correlate perforations to Schlumberger CN/Litho-Den dated 12/20/73.
Utilize a 2 1/8" hollow carrier perforating gun Phased at 90 degrees.

Penn Lime	9,678 to 9,688'	10 ft	21 holes
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13. Use spot acid to break down perms if necessary and acidize well with 1500 gals Fer Chk II acid and 40 ball sealers.
14. Stimulate well per attached recommendation.
15. Swab load and put on production.

2012-12-12

LOUIS DREYFUS NATURAL GAS CORP.
WELL SCHEMATIC

FIELD: Sheep Draw

API #: 30-015-20999

LOCATION: 1980' FNL & 1980' FWL

COUNTY: Eddy

W.I.- 100.00% NRI- 75.00%

[illegible]