

160-5
990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

Kind of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

LUIS DREYFUS NATURAL GAS CORP.

Address and Telephone No.

1000 Quail Springs Pkwy., #600, OKC, OK 73134 (405) 749-1300

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

990' FNL & 2310' FEL, Sec. 33-22S-26E

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

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

5. Lease Designation and Serial No.

NM34247

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SHEEP DRAW FEDERAL #4

9. API Well No.

30-015-28701

10. Field and Pool, or Exploratory Area

Happy Valley Delaware

11. County or Parish, State

Eddy Co., NM

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 Perf. Delaware
- ☐ 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.)

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.)

3/30/95 Perf. Delaware 4596-4606'.

9/7/95 Acidize and frac perfs. See attached for details.

RECEIVED

NOV 8 0 1995

OIL CON. DIV.
DIST. 2

22 1995

SJS

I hereby certify that the foregoing is true and correct

Signed

Raylan Smith

Title

PRODUCTION ANALYST

Date

10/24/95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

Page Four
Drilling and Operation Summary
Sheep Draw Federal #4

08/14/95 Day 15-Depth-4990; Prog-0; Oper-Set slips & Rigging dn; Formation-Limestone; Bit #3; S/N-D22XK; Size-7 7/8"; MFG-HTC; Type-J33C; Jets-13/13/14; Ftg-3348; Hrs-127 1/4; FPH-26.3; T/B/G-3/3/F; WOB-40K; RPM-65; Time breakdown- 7 hrs-Logging; 1 hr-RD loggers & RU csg crew; 5 1/4 hrs-Run 5 1/2" csg; 1/2 hr-Circ; 1 1/4 hr-Cmt 1st stage & drop bomb; 6 hrs-Circ; 1 hr-Cmt 2nd stage; 4 hrs-ND. Set slips & NU wellhead. **NOTE-26 hrs on today's report. Rel Rig @ 8:00 am (MST) 08/14/95. Closing wtr meter-23554. Csg Report -Ran 110 jts 5 1/2" 15.5#/ft; LT/C: K-55; 8rd csg (5,011.75') set @ 4990'. Ran 10 cent & 10 turbolizers on jts#1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,33,34,35 & 109. Left 6 jts (275.44) & 1-19.70' cut-off left on location. Cmt Report 1st stage - Pmpd 10 bbls wtr, 10 bbls CW 100, 10 bbls wtr, 10 bbls D75, 10 bbls wtr, 335 sxs 50/50 H/Poz w/5# salt, .3% FLAC, 2.5# X-Pand, 1/4# Floceal & .2% Defoam. Mixed @ 14.4#/g & 1.31 yield. Displ w/40 bbls FW & 78 bbls mud. Plug dn @ 8:50 pm (MST) 08/13/95. Drop opening bomb. Open tool w/900 psi. Circ 6 hrs. Circ 77 sxs to pit. 2nd stage-Pmpd 10 bbls wtr, 10 bbls CW 100, 10 bbls wtr, 10 bbls D75, 10 bbls wtr, 180 sxs 65/35 C/Poz w/6% gel & 1/4# Floceal. Mixed @ 13.2#/g & 1.75 yield. Tailed w/500 sxs 50/50 H/Poz w/5# sk salt, .3% FLAC, 2.5#/sk X-Pand, 1/4# /sk Floceal & .2% Defoam. Mixed @ 14.4#/g w/1.31 yield. Displ w/81 bbls wtr. Plug dn @ 4:10 am 08/14/95 (MST). Close DV tool w/1500 psi over lift. Held OK. Did not circ cmt. Set 65,000# on slips. ND BOP. NU wellhead. Test head to 2000 psi-OK. Released Rig @ 8:00 am(MST) 08/14/95.
DMC \$0 TMC \$8,450
DWC \$79,010 CWC \$210,372

08/15/95 thru
08/28/95 Waiting on completion.
DMC \$0 TMC \$8,450
DWC \$0 CWC \$210,372

08/29/95 MIRU Rental equipment. NU BOP. Uload 152 jts 2 7/8" J-55 tbg (4994.14'). GIH w/4 3/4" bit, 4-3 1/2" DC (126.55'), x-overs & tbg to 3395'. RU Davis rev unit & drl out cmt, plugs, & DV tool to 3397'. Test csg 650 psi/15 min (OK). Continue in hole to 4935'. Drl cmt to 4947' (FC). Circ hole clean. POOH. GIH w/bit, 5 1/2" csg scraper on tbg. Work scraper through DV tool. Continue in hole to 4900'. SDFN.
DMC \$0 TMC \$8,450
DWC \$17,700 CWC \$228,072

08/30/95 SIP-0; GIH to 4947' (SLM). RU D/S & pickle tbg w/100g 15% HCL. Rev out acid & circ hole w/2% KCL. Pull tbg to 4608' & spot 200g 7 1/2% MSR100. POOH. RU Wedge wireline & run CBL, CCL & GR from 4943' (log PBTD) to 1600' (600 psi). TOC @ 350'. DV tool @ 3397'. Perf Delaware @ 4596-4606 (10' 2 SPF-21 holes). GIH w/Model "R" pkr, SN & 2 7/8" tbg to 4511. Rev 5 bbls via csg. Set pkr w/14 pts. Press csg to 500 psi (OK). Breakdown new perfs. Broke @ 1350 psi. Put acid away 2 BPM @ 710 psi; ISIP-550. Acidize w/800g 7 1/2% MSR100 & 42 ball sealers. Max avg & Fin rate 2.25 BPM. Max press @ 2500 (Ball out). Avg-720; Final 800; ISIP-530; 5 min-380; 10 min-230; (TLTR-65 bbls) RD D/S & RU swab. IFL-surf. Made 9 runs. FFL-SN. Rec 45 BLW; BLWTR-20 bbls.
DMC \$0 TMC \$8,450
DWC \$7,900 CWC \$235,972

Page Five
Drilling and Operation Summary
Sheep Draw Federal #4

08/31/95	SITP-55; SICP-0; Bled dn well (Acid gas). RU swab. IFL-1200'. Mad 6 runs & swab dry. (1st run 25% oil cut then rev to 2% on run #6). Wait 1 hr between runs. 1st hr-1000' entry; 2nd hr-800' entry; 3rd hr-700' entry; 4th hr-700' entry; 5th hr-700' entry; 6th hr-700' entry; FFL-3800'. Rec total of 49 bbls (4 oil & 45 wtr) 29 bbls over load. Took wtr sample to Howco. SWI @ 5:00 pm (MST) 08-30-95. DMC \$0 DWC \$3,715	TMC \$8,450 CWC \$239,687
09/1/95	SITP-65 psi; SICP-0; Water sample from Howco: pH-6.03; Ca-100,000; Cl-130,000; (Formation & Acid wtr) DMC \$0 DWC \$0	TMC \$8,450 CWC \$239,687
09/02/95	SITP-75 psi; SICP-0;(40 hrs) DMC \$0 DWC \$0	TMC \$8,450 CWC \$239,687
09/03/95	SITP-75 psi; SICP-0;(64 hrs) DMC \$0 DWC \$0	TMC \$8,450 CWC \$239,687
09/04/95	SITP-75 psi; SICP-0;(88 hrs) DMC \$0 DWC \$0	TMC \$8,450 CWC \$239,687
09/05/95	SITP-75 psi; SICP-0;(88 hrs) DMC \$0 DWC \$0	TMC \$8,450 CWC \$239,687
09/06/95	SITP-75 psi; (112 hrs). RU JSI & run BHP's & to 4601' (Mid perf). Top of oil @ 1332'. Top of water @ 2500'. BHP @ Mid perf-1700 psi. RD JSI & RU swab. IFL-1300'. Rec 33 bbls (10% oil cut). FFL-SN. (700' entry on hourly runs). SWI & SDFN. DMC \$0 DWC \$2,320	TMC \$8,450 CWC \$242,007
09/07/95	SITP-45 psi; Unset pkr & add 4' tbg sub. Set pkr w/16,000# compression. RU swab. Swab well dry in 5 runs. IFL-1100'. FFL-SN. Rec 20 bbls w/10% oil cut. RU Howco & frac perms w/23,000g 30# Borate X-Link w/48,000# 16/30 Brady & 16,000# 16/30 Resin Super LC. All rates-10.2 BPM; Max press-1462 psi; Avg-1200; Final 1300; ISIP-641 psi; 5 min-609; 10 min-579; 15 min-560; SWI & SDFN. BLWTR-595 DMC \$0 DWC \$20,925	TMC \$8,450 CWC \$262,932