Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLIC. (See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM84847

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME, WELL NO.: AUODAD FEDERAL #2

9. API WELL NO.: 30-015-28554

10. FIELD AND POOL, OR WILDCAT: Happy Valley, Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: H, Sec. 33-22S-26E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: LOUIS DREYFUS NATURAL GAS CORP.

3. ADDRESS AND TELEPHONE NO.: 14000 Quail Springs Parkway, #600, OKC, OK 73134

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1980' FNL & 990' FEL
At top prod. interval reported below: same
At total depth: same

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	6/12/95	Eddy	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-17-95	7-28-95	8-25-95	3290 GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4990'	4947'				No

RECEIVED
SEP 22 1995
OIL CON. DIV.
DIST. 2

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Delaware 4880-4900'

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL, G/R & CCL

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8 K-55	54.5#	359'	17-1/2	Surface - 400 sx	-0-
8-5/8 K-55	24#	1656'	12-1/4	Surface - 625 sx	-0-
5-1/2 K-55	15.5#	4990'	7-7/8"	Surface - 1005 sx	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	4837'	

31. PERFORATION RECORD (*Interval, size and number*): 4880-4900' 41 holes 2 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4880-4900'	Acidize w/600 g 7-1/2% NEFE & 30 ball sealers. Frac w/23,000 g 30# X-Linc gel w/48,000# 16/30 Brady sd.& 16,000# 16/30 Super LC sd.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8/29/95	Pump 2-1/2X1-1/2X20 RWBC	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/3/95	24			21	--	260	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
	40		21	--	260	41.5

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): NA

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Logs, Inclination Report, Drilling Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Kaylene Smith TITLE Production Analyst DATE 9/15/95

*(See Instructions and Spaces for Additional Data on Reverse Side)

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 statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Delaware	1734'	2413'	
Cherry Canyon	2414'	4990'TD	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH