

COPY *and*

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 31321

Name: LOUIS DREYFUS NATURAL GAS CORP.

Address SUITE 600

14000 QUAIL SPRINGS PARKWAY

City/State/Zip OKLAHOMA CITY, OK 73134

Purchaser: _____

Operator Contact Person: LENORA SAWYER **RECEIVED**

Phone (405) 748-2725

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

Designate Type of Completion
____ New Well ____ Re-Entry X Workover

____ Oil X SWD ____ SLOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Louis Dreyfus Natural Gas Corp.

Well Name: HCU 1441-B

Comp. Date 12/17/79 Old Total Depth 2400'

X* Deepening ____ Re-perf. X Conv. to Inj. (SWD)
____ Plug Back ____ PBDT
____ Commingled ____ Docket No. ____
____ Dual Completion ____ Docket No. ____
X Other (SWD or Inj?) Docket No. 27,651

6/16/99 6/19/99 6/22/99

Spud Date Date Reached TD Completion Date
*(Deepened from 2400' to 2720')

API NO. 15- 075-20235 - 0001

County Hamilton

- C - SW - NE Sec. 14 Twp. 24S Rge. 41 X E

3300 Feet from (S)N (circle one) Line of Section

1980 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name HCU Well # 1441-B

Field Name Bradshaw

Producing Formation Council Grove - Injection Formation

Elevation: Ground 3242' KB _____

Total Depth 2720' PBDT _____

Amount of Surface Pipe Set and Cemented at 247' Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 247

feet depth to Surface w/ 225 sx cmt.

Drilling Fluid Management Plan DNWO, 7-2-99 v.c.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Lenora Sawyer
Title Regulatory Technician Date 6/23/99

Subscribed and sworn to before me this 23rd day of June,
1999
Notary Public
Date of Commission Expires 9/01/01
LORRIE B. PRO
NOTARY PUBLIC
IN AND FOR
STATE OF
OKLAHOMA
OKLAHOMA COUNTY

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ____ Geologist Report Received
Distribution
✓ KCC ____ SWD/Rep
____ KGS ____ Plug IS NGPA
____ Other (Specify)

COPY

SIDE TWO

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 1441-B
 East County Hamilton
 Sec. 14 Twp. 24S Rge. 41 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 Council Grove 2625'

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	28#	247'	Class H	225	3% Gel
Production	7-7/8"	4-1/2"	10.5#	2400'	Class H	475	4% Gel
					50/50 Poz	75	18% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	2325 2329	RFC 12-3	50	Thixo
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone		Class H	50	2% CaCl

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
				Acidize Council Grove w/5000 gal 15%
			HCl & 1000 gal. Salt Wtr containing	
			1500 psi Rock Salt (Kevin Strube w/	
			KCC ran MIT)	

TUBING RECORD Size 2-3/8" Set At 2370' Packer At 2370' Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. Subject to KCC approval _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 Other (Specify) _____