

ORIGINAL *and*

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

Operator: License # 31321Name: LOUIS DREYFUS NATURAL GAS CORP.Address 14000 Quail Springs Parkway
Suite 600City/State/Zip Oklahoma City, OK 73134
KN Gas Marketing

Purchaser: _____

Operator Contact Person: Terrye BryantPhone (405) 749-5287Contractor: Name: Cheyenne DrillingLicense: 5382Wellsite Geologist: N/A

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If Workover:

KANSAS CORPORATION COMMISSION

Operator: _____

Well Name: APR 19 1999

Comp. Date _____ Old Total Depth _____

☐ Deepening	☐ Re-perf.	☐ Conv. to (G)/SWD
☐ Plug Back	☐ PBDT	
☐ Commingled	Docket No. _____	
☐ Dual Completion	Docket No. _____	
☐ Other (SWD or Inj?)	Docket No. _____	

<u>8/28/97</u>	<u>8/29/97</u>	<u>12/12/97</u>
Spud Date	Date Reached TD	Completion Date

API NO. 15- 075-206580000County Hamilton
App. C SW 15 21S 41 E
Sec. 15 Twp. 21S Rge. 41 X W1250 Feet from S (circle one) Line of Section1250 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S (circle one)Lease Name HCU Well # 15-11B
Bradshaw

Field Name _____

Producing Formation Chase GroupElevation: Ground 3639' KB 3644'Total Depth 2995' PBDT 2970'Amount of Surface Pipe Set and Cemented at 231 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2995feet depth to surface w/ 470 sx cmt.Drilling Fluid Management Plan A17.2, 4-19-99 U.C.
(Data must be collected from the Reserve Pit)Chloride content 21,000 ppm Fluid volume 800 bblsDewatering method used Evaporation

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 Terrye Bryant
Title Regulatory Compliance Tech. Date 2/5/98Subscribed and sworn to before me this 5th day of February, 19 98.

Notary Public: _____

State Commission Expires _____

K.C.C. OFFICE USE ONLY <i>Deny 4-27-99</i>	
F	Letter of Confidentiality Attached <i>Deny</i>
C	Wireline Log Received
C	Geologist Report Received
Distribution	
☒ KCC	☐ SWD/Rep
☐ KGS	☐ Plug
	☒ NGPA
	☐ Other (Specify) <u>IS</u>

SIDE TWO

Operator Name LOUIS DREYFUS NATURAL GAS Lease Name HCU Well # 15-11B
 Sec. 15 Twp. 21S Rge. 41 ☐ East ☒ West
 County Hamilton

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.)

☒ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum
 See attachments

List All E.Logs Run:

Array Induction Shallow Focused Electric Log

CASING RECORD

☒ New ☐ 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"	24#	231'	Class C	155	2% CC, 1/4# flake
Production	7 7/8"	4 1/2"	9.5#	2995'	Class C	320	3% D79, 2% CC, D-1 1/4# flake
					Class C	150	2% CC, 1/4# flake

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

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
1	2854-2860, 2868-2880	500 gal. 7% HCL, 15,000 gal.	2854-2880'
		65Q N2, 39,000# 16/30 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	2916'	N/A	☐ Yes ☒ No
Date of First, Resumed Production, SMD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
	12/12/97			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	-0-	337	25	N/A

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

2854-2860
 2868-2880

ORIGINAL

DRILLERS LOG

AMERICAN EXPLORATION COMPANY
HCU 15-11 B
SECTION 15-T21S-R41W
HAMILTON COUNTY, KANSAS

COMMENCED: 08-23-97
COMPLETED: 08-25-97

SURFACE CASING: 231' OF 8 5/8" CMTD
W/150 SKS CLASS C + 2% CC +
1/4/# FLOCELE.

FORMATION

DEPTH

SURFACE HOLE

0 - 231

CLAY

231 - 1065

RED BED

1065 - 3000 RTD

RECEIVED

MINERAL RIGHTS COMMISSION

APR 19 1999

CONSERVATION DIVISION
WICHITA, KS

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

Wray Valentine

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2ND DAY OF SEPTEMBER, 1997.

JOLENE K. RUSSELL

Jolene K Russell
NOTARY PUBLIC

