

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

API NO. 15- 075-206790000

Operator: License # 31321

County Hamilton

Name: Louis Dreyfus Natural Gas Corp.

- - C -NW Sec. 17 Twp. 22 Rge. 40 X E

Address 14000 Quail Springs Parkway
Suite 600

1320 Feet from S(N) (circle one) Line of Section

1320 Feet from E(W) (circle one) Line of Section

City/State/Zip Oklahoma City, OK 73134

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

Purchaser: KN Gas Marketing

Lease Name HCU Well # 1720-D

Operator Contact Person: Terrye D. Bryant

Field Name Bradshaw

Phone (405) 749-5287

Producing Formation Chase Group

Contractor: Name: Cheyenne Drilling

Elevation: Ground 3573' KB 3578'

License: 5382

Total Depth 3050' PBTD 2988'

Wellsite Geologist: N/A

Amount of Surface Pipe Set and Cemented at 321' Feet

Designate Type of Completion
 New Well Re-Entry Workover

Multiple Stage Cementing Collar Used? Yes No

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

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3050

feet depth to Surface w/ 585 sx cmt.

If Workover:

Drilling Fluid Management Plan Att. 2 12-16-98
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 76,000 ppm Fluid volume 800 bbls

Well Name: _____

Dewatering method used Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD

Operator Name 12-08-98

Commingled Docket No. _____

Lease Name _____ License No. _____

Dual Completion Docket No. _____

Quarter _____ Sec. _____ E/W _____

Other (SWD or Inj?) Docket No. _____

8/11/98 8/14/98 10/8/98
Spud Date Date Reached TD Completion Date

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.

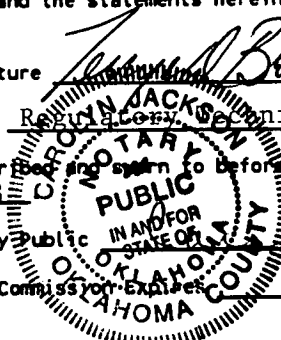
Signature Terrye D. Bryant

Title Reservoir Engineer Date 12/4/98

Subscribed and sworn to before me this 4th day of December, 19 98

Notary Public [Signature]

Date Commission Expires 9-28-01



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

SIDE TWO

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 1720-D
 Sec. 17 Twp. 22S Rge. 40 East County Hamilton
 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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets.) Name Top Datum
 Samples Sent to Geological Survey Yes No See attachments
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 Array Induction/GR
 Compensated Nuetron Photo Density/GR
 Microlog
 Cores taken 2730'-2760'; 2760'-2790'

CASING RECORD <input checked="" 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"	24#	321'	60/40 Poz	200	2% gel, 3% CC
Production	7 7/8"	4 1/2"	10.5#	3032'	Cl. C	375	1/4 CF w/6% gel
					Cl. C	210	2% CC, 1/4# CF

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				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
2	2754'-56', 2760'-66'	110 gal. scale INHB, 23,300	
1	2706'-18'	gal. 79 Q N2 foam, 54,000#	
		12/20 Ottawa SD	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	2754'	N/A		
Date of First, Resumed Production, SMD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
12/1/98						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	-0-	27	315	N/A		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2754'-56'
 (If vented, submit ACO-18.) Other (Specify) _____ 2760'-66'
2706'-18'

DRILLERS LOG

ORIGINAL DEC 08 1998

LOUIS DREYFUS NATIONAL GAS CORP
HCU 1720 D
SECTION 17-T22S-R40W
HAMILTON COUNTY, KANSAS

CONSERVATION DIVISION
MICHIGAN KS

COMMENCED: 08-10-98
COMPLETED: 08-14-98

SURFACE CASING: 321' OF 8 5/8" CMTD
W/200 SKS CLASS C + 2% CC + 1/4 #/SK
FLOCELE.

FORMATION

DEPTH

SURFACE HOLE
RED BED

0 - 321
321 - 3050 RTD

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 14TH DAY OF AUGUST, 1998.

JOLENE K. RUSSELL

Jolene K Russell
NOTARY PUBLIC



ORIGINAL

GEOLOGICAL WELL REPORT

Well: LDNG
HCU 1720-D
1320' FNL & 1320' FWL
Sec. 17-22S-40W
Hamilton County, KS

Date: August 17, 1998

Geologist: Sam Roark

Total Depth: Driller - 3050' BPB - 3055'

Elevations: GL = 3573' DF = 3577' KB = 3578'

Logs Run: Array Induction/GR
Compensated Neutron Photo Density/GR
Microlog

Date Logged: 8/13/98

FORMATION TOPS	DEPTH	SUBSEA	RELATIVE TO HCU 1820-B
Stone Corral	2262'	+1316'	9' low
Krider	2654'	+924'	7' low
Winfield	2697'	+881'	7' low
Towanda	2741'	+837'	13' low
Ft. Riley	2787'	+791'	9' low
E-log TD	3055'	+523'	

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 03 1998

CONSERVATION DIVISION
WICHITA, KS

Distribution: Well File
Nancy Wilcox
Teri Freeland

Neil Hightower
Robert Blevins
Terrye Bryant

ALLIED CEMENTING CO., INC. 7751

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
ORIGINAL OAKLEY

DATE <u>8-10-98</u>	SEC. <u>17</u>	TWP. <u>225</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START <u>3:45 PM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>HCU</u>	WELL # <u>17-200</u>	LOCATION <u>SYRACUSE 10N-1E-34N-1/4E</u>			COUNTY <u>HAMILTON</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR CHEYENNE DRILL RIG #8 OWNER SAME

TYPE OF JOB <u>SURFACE</u>	CEMENT
HOLE SIZE <u>12 1/4"</u> T.D. <u>321'</u>	AMOUNT ORDERED <u>200 SKS 60/40 P02 38CC 2868</u>
CASING SIZE <u>8 5/8</u> DEPTH <u>323'</u>	
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	
MEAS. LINE SHOE JOINT <u>44.84</u>	COMMON <u>120 SKS @ 7.55</u> <u>906</u>
CEMENT LEFT IN CSG. <u>44.84</u>	POZMIX <u>80 SKS @ 3.25</u> <u>260</u>
PERFS.	GEL <u>3 SKS @ 9.50</u> <u>28</u>
DISPLACEMENT <u>17 1/2 BBL</u>	CHLORIDE <u>6 SKS @ 28.00</u> <u>168</u>

EQUIPMENT

PUMP TRUCK CEMENTER <u>FERRY</u>
<u>300</u> HELPER <u>WAYNE LONNIE</u>
BULK TRUCK
<u>315</u> DRIVER <u>ANDREW</u>
BULK TRUCK
DRIVER

HANDLING <u>200 SKS @ 1.25</u>	<u>210</u>
MILEAGE <u>51 MI @ 5.00</u>	<u>255</u>
KANSAS CORPORATION COMMISSION	
TOTAL	<u>2092.50</u>

DEC 08 1998

REMARKS:

CEMENT DID CTC. ✓

THANK YOU

SERVICE

CONSERVATION DIVISION
WICHITA, KS

DEPTH OF JOB <u>321'</u>	
PUMP TRUCK CHARGE	<u>470.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>65 MI @ 2.85</u>	<u>185.25</u>
PLUG <u>8 5/8 RUBBER @</u>	<u>45.00</u>
TOTAL	<u>700.25</u>

CHARGE TO: LOUIS DREYFUS NATURAL GAS

STREET P.O. BOX 747

CITY SYRACUSE STATE KS ZIP 67878

FLOAT EQUIPMENT

<u>1- 1" P GUIDE SHOE @ 190</u>	<u>190</u>
<u>1- BAFFLE PLATE @ 110</u>	<u>110</u>
<u>3- CENTRALIZER @ 61.00</u>	<u>183</u>
TOTAL	<u>483</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX	
TOTAL CHARGE <u>3275.75</u>	<u>350</u>
DISCOUNT <u>491.30</u>	
PRICE AFTER DISC. <u>2784.45</u>	
IF PAID IN 30 DAYS	

SIGNATURE McD

PRINTED NAME

ALLIED CEMENTING CO., INC. 7755

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

REC 08 1998 SERVICE POINT:
ORIGINAL OAKLEY
CONSERVATION DIVISION

DATE <u>8-13-98</u>	SEC. <u>17</u>	TWP. <u>22S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>7:30 PM</u>	JOB START <u>9:45 PM</u>	JOB FINISH <u>11:10 PM</u>
LEASE <u>HCU</u>	WELL # <u>1720-D</u>	LOCATION <u>SYRACUSE 10N-1E-5/4W</u>			COUNTY <u>HAMILTON</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR CHEYENNE DRILL RIG #8 OWNER SAME

TYPE OF JOB Production string

HOLE SIZE 7 7/8" T.D. 3050'

CASING SIZE 4 1/2" DEPTH 3030'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 42.34'

CEMENT LEFT IN CSG. 42.34

PERFS. _____

DISPLACEMENT 47 1/2 BBL

CEMENT

AMOUNT ORDERED 375 SKS class "c" 1/4 Flo-SEAL

210 SKS class "c" 29cc 1/4 Flo-SEAL

500 GAL mud clean

COMMON _____	@ _____		
POZMIX _____	@ _____		
GEL <u>21 SKS</u>	@ <u>9.50</u>	<u>199.50</u>	
CHLORIDE <u>4 SKS</u>	@ <u>28.00</u>	<u>112.00</u>	
<u>CLASS "c" 585 SKS</u>	@ <u>9.35</u>	<u>5469.75</u>	
<u>Flo-SEAL 146 #</u>	@ <u>1.15</u>	<u>167.90</u>	
<u>MUD CLEAN 500 GAL</u>	@ <u>1.75</u>	<u>875.00</u>	
HANDLING <u>585</u>	@ <u>1.05</u>	<u>614.25</u>	
MILEAGE <u>0.40 PER SK / MILE</u>		<u>152.00</u>	
TOTAL			<u>8459.40</u>

EQUIPMENT

PUMP TRUCK # <u>300</u>	CEMENTER <u>TERRY</u>
	HELPER <u>WAYNE</u>
BULK TRUCK # <u>280</u>	DRIVER <u>RONNIE</u>
BULK TRUCK # <u>212</u>	DRIVER <u>QUANE</u>

REMARKS:

CIRCULATE 8 BBL CEMENT. ✓

FLOAT HELD.

THANK YOU

SERVICE

DEPTH OF JOB <u>3030'</u>		
PUMP TRUCK CHARGE _____		<u>1080.00</u>
EXTRA FOOTAGE _____	@ _____	
MILEAGE <u>65 MI</u>	@ <u>2.85</u>	<u>185.25</u>
PLUG <u>4 1/2 Rubber</u>	@ _____	<u>38.00</u>
TOTAL		<u>1303.25</u>

CHARGE TO: LOUIS DREYFUS NATURAL GAS

STREET Box 742

CITY Syracuse STATE Kansas ZIP 67878

FLOAT EQUIPMENT

<u>4 1/2"</u>		
1- CEMENT SHOES	@ _____	<u>90.00</u>
1- FLOAT COLLAR	@ _____	<u>190.00</u>
5- CENTRALIZER	@ <u>25.00</u>	<u>125.00</u>
1- BASKET	@ _____	<u>129.00</u>
TOTAL		<u>534.00</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Melvin Noey

TAX _____

TOTAL CHARGE 10296.65

DISCOUNT 1544.00 IF PAID IN 30 DAYS

PRICE AFTER DISC. 8752.65

MELVIN NOEY
PRINTED NAME