

SIDE TWO

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 0831-B

Sec. 8 Twp. 23S 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 (Attach Additional Sheets.) Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run (Submit Copy.) Yes No

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

List All E.Logs Run:
 Array Induction
 Compensated Neutron

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"	J-55, 24#	297'	Class C	185	2% CC, 1/4#
Production	7 7/8"	4 1/2"	J-55, 10.5#	2850'	Class C	350	6% gel, 1/4#
					Class C	200	2% CC, 1/4#

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	2554'-2558', 2572'-2580'	1000 gal. 15% HCL, 35 ball sealers.	
		11,210 gal. 650 N2, 17,000#	
		12/20 SD	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	2363'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 11/23/98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	249	88	N/A	

Disposition of Gas: **METHOD OF COMPLETION**
 Vented Sold Used on Lease (If vented, submit ACO-18.)
 Open Hole Perf. Dually Comp. Other (Specify)
 Production Interval 2554'-2558'
2572'-2580'

ORIGINAL

DRILLERS LOG

LOUIS DREYFUS NATURAL GAS CORP
HCU 8-31 B
SECTION 8-T23-R41W
HAMILTON COUNTY, KANSAS

COMMENCED: 09-08-98
COMPLETED: 09-10-98

SURFACE CASING: 297' OF 8 5/8" CMTD
W/185 SKS CLASS C + 2% CC + 1/4 #/SK
FLOCELE.

FORMATION

DEPTH

SURFACE HOLE	0 - 297
SANDSTONE, CLAY & ANHYDRITE	297 - 1097
RED BED	1097 - 1445
GLORIETTA	1445 - 1715
RED BED	1715 - 2520
CHASE	2520 - 2850 RTD

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 08 1998

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

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 11TH DAY OF SEPTEMBER, 1998.

JOLENE K. RUSSELL

NOTARY PUBLIC



ALLIED CEMENTING CO., INC. 7951

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

ORIGINAL oakley

DATE <u>9-8-98</u>	SEC. <u>8</u>	TWP. <u>23s</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>2:00 PM</u>	JOB START <u>5:30 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>H.C.U.</u>	WELL # <u>8-31</u>	LOCATION <u>Syracuse 5N 4 1/4 W 2N</u>		COUNTY <u>Hamilton</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Cheyenne Rig 8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 297'
 CASING SIZE 8 5/8 DEPTH 300'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 33'
 CEMENT LEFT IN CSG. 33'
 PERFS.
 DISPLACEMENT 17 1/2 Bbls

OWNER same
 CEMENT
 AMOUNT ORDERED 185 sks C/C 2 1/2 CO
14 7/8 Flo Seal

EQUIPMENT
 PUMP TRUCK CEMENTER Dean
 # 191 HELPER Jeff
 BULK TRUCK
 # 218 DRIVER Andrew
 BULK TRUCK
 # DRIVER

COMMON	<u>185 sks</u>	@	<u>9.35</u>	<u>1729.75</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>4 sks</u>	@	<u>28.00</u>	<u>112.00</u>
Flo seal	<u>46 7/8</u>	@	<u>1.15</u>	<u>52.90</u>
HANDLING		@	<u>1.20</u>	<u>222.00</u>
KANSAS MULTIPACK	<u>40 per sk</u>			<u>444.00</u>

DEC 08 1998

TOTAL 2560.65

REMARKS:

CONSERVATION DIVISION
WICHITA, KS

SERVICE

Cement did circulate ✓
Disp w/ 17 1/2 Bbls

DEPTH OF JOB	<u>300'</u>		
PUMP TRUCK CHARGE			<u>560.00</u>
EXTRA FOOTAGE		@	
MILEAGE <u>60 miles</u>		@	<u>2.85</u> <u>171.00</u>
PLUG <u>8 5/8 Ribbet</u>		@	<u>90.00</u> <u>90.00</u>

Thank you

TOTAL 821.00

CHARGE TO: Louis Dreyfus Natural Gas
 STREET Box 7A2
 CITY Syracuse STATE Kansas ZIP 67878

8 5/8 FLOAT EQUIPMENT

<u>3 Centralizers</u>	@	<u>61.00</u>	<u>183.00</u>
<u>Texas Guide shoe</u>	@		<u>286.00</u>
<u>Baffle plate</u>	@		<u>135.00</u>
<u>Box Thread lock</u>	@		<u>30.00</u>

TOTAL 634.00

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

DISCOUNT IF PAID IN 30 DAYS

MELVIN NOEY

PRINTED NAME

