

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: Oneok Field Services

Operator Contact Person: Lenora Sawyer

Phone (405) 748-2725

Contractor: Name Murfin Drilling Co.

License: 30606

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. To Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

6/14/01 6/16/01 7/24/01
Spud Date Date Reached TD Completion Date

API NO. 15 - 075-20751-0000
County Hamilton E
SW - NE - NE Sec. 12 Twp. 21S Rge. 41 X W
1250' Feet from S / N (circle one) Line of Section
1250' 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 # 1211-C

Field Name Bradshaw

Producing Formation Chase

Elevation: Ground 3585' KB 3594'

Total Depth 2915' PBTB 2868'

Amount of Surface Pipe Set and Cemented at 312' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2914'

feet depth to Surface w/ 550 sx cmt

Drilling Fluid Management Plan ALT 2 JJK 8/20/01
(Data must be collected from the Reserve Pit)

Chloride content 3500 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:
JUL 30 2001

Operator Name 7-30-01

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 CD-4 form with all plugged wells. Submit CP-111 with all temporarily abandoned wells.

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

Signature Lenora Sawyer
Title Regulatory Technician Date 7/27/01

Subscribed and sworn to before me this 27th day of July

Notary Public Lonnie A. Renfro
Date Commission Expires 9-01-01

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
<input checked="" type="checkbox"/>	KCC	Distribution SWD/Rep
<input type="checkbox"/>	KGS	Plug
<input type="checkbox"/>		NGPA Other (Specify)

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 1211-C
 Sec. 12 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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No Name Top Datum
 Cores Taken Yes No Base Anhydrite 2,355' (+1239)
 Winfield 2,758' (+ 836)
 Fort Riley 2,859' (+ 735)
 Electric Log Run Yes No Total Depth 2,910' (+ 684)
 (Submit Copy.)

List All E.Logs Run:
 Dual Induction Log
 Compensated Neutron Density 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#	312'	35/65 Poz "C"	50	6%gel+2%cc+ 1/4#/sx flocele
					Class "C"	125	2%cc+1/4#/sx flocele
Production	8-3/4"	4-1/2"	10.5#	2914'	Class "C"	350	3%D79+0.25pps D29
					Class "C"	200	2%S1+0.25pps D-29

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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 Materials Used)		Depth
2 spf	2767-2780'	1000 gal 50Q 15% HCl Acid Spearhead	5000 gal 65Q WF130 pad	2767-2780'
		11000 gal 65Q WF130 + 16000# 12/20	Brady sand + 16000# Curable Resin	
		Coated Sand	1850 gal 65Q 130 flush	

TUBING RECORD Size 2-3/8" Set At 2833' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 7/19/01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil NA Bbbs Gas 39 Mcf Water 112 Bbbs. Gas-Oil Ratio NA Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval 2767'-2780'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If Vented, submit ACO-18.) Other (Specify)



Cementing Service Report

ORIGINAL

Customer	Job Number
LOUIS DREYFUS NATURAL GAS CORP	20222823

Well: HCU 12-11C		Location (legal):		Dowell Location: Ulysses, KS		Job Start: 6/14/01	
Field:		Formation Name/Type:		Deviation: 0		Well MD: 314 ft	
County: HAMILTON		State/Province: KANSAS		Bit Size: 0 in		Well TVD: 314 ft	
Rig Name:		Service Via: Land		BHP: 0 psi		BHST: 0 °F	
Offshore Zone:		Well Type: Development		BHCT: 0 °F		Pore Press. Gradient: 0 psi/ft	
Drilling Fluid Type: Bentonite		Max. Density: 9.3 lb/gal		Plastic Viscosity: 34 cp		Casing/Liner	
Service Line: Cementing		Job Type: Cem Surface Casing		Depth, ft: 300		Size, in: 8.63	
Max. Allowed Tubing Pressure: 500 psi		Max. Allowed Ann. Pressure: 0 psi		Weight, lb/ft: 24		Grade: K55	
Wellhead Connection: Single cement head		Thread: 8RD		Grade: 0		Weight: 0	
Service Instructions: Safely cement 8 5/8 surface casing as per customer's request		Tubing/Drill Pipe		Depth, ft: 0		Size, in: 0	
		Perforations/Open Hole		Depth, ft: 0		Size, in: 0	
		Top, ft: 0		Bottom, ft: 0		spf: 0	
		No. of Shots: 0		Total Interval: 0 ft		Diameter: 0 in	
		Treat Down: Casing		Displacement: 17 bbl		Packer Type: 0 ft	
		Tubing Vol.: 0 bbl		Casing Vol.: 20 bbl		Annular Vol.: 29 bbl	
		Open Hole Vol.: 0 bbl		Casing Tools		Squeeze Job	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type:	
Lift Pressure: 129 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth: 314 ft	
No. Centralizers: 3		Top Plugs: 1		Bottom Plugs: 0		Stage Tool Type:	
Cement Head Type: Single		Stage Tool Depth: 0 ft		Tool Depth: 0 ft		Tool Type: 0 in	
Job Scheduled For: 6/13/01 10:00		Arrived on Location: 6/14/01 3:30		Leave Location: 6/14/01 3:30		Collar Type: Float	
		Collar Depth: 257 ft		Tail Pipe Size: 0 in		Tail Pipe Depth: 0 ft	
				Sqz Total Vol: 0 bbl			

Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Message	
24 hr clock	bbl	ppg	psi	bpm	bbl		
2:08	0	0	0	0	0	0	START ACQUISITION
2:08	0.	-6.25	-3860	0.	0.	0	
2:08	0.	-6.25	-3860	0.	0.	0	Start Pumping Water
2:09	2.03	8.26	160.3	5.7	2.03	0	
2:09	4.9	8.25	151.1	5.7	4.9	0	
2:10	7.77	8.4	137.4	5.7	7.77	0	
2:10	7.77	8.4	137.4	5.7	7.77	0	[CumVol]=10.08 bbl
2:10	7.77	8.4	137.4	5.7	7.77	0	Reset Volume
2:10	0.479	9.05	151.1	5.7	10.66	0	
2:11	3.36	12.42	178.6	5.7	13.54	0	
2:11	6.23	12.23	196.9	5.73	16.41	0	
2:12	9.1	12.44	178.6	5.7	19.28	0	
2:12	11.97	12.47	169.4	5.7	22.15	0	
2:13	14.84	12.17	151.1	5.7	25.02	0	
2:13	17.71	12.05	141.9	5.7	27.89	0	
2:13	17.71	12.05	141.9	5.7	27.89	0	[CumVol]=19.24 bbl
2:13	17.71	12.05	141.9	5.7	27.89	0	Reset Volume
2:14	1.24	15.	178.6	5.73	30.76	0	
2:14	4.12	14.59	196.9	5.73	33.63	0	
2:15	6.99	14.74	210.6	5.73	36.5	0	
2:15	9.86	15.34	215.2	5.7	39.37	0	
2:16	12.73	14.85	192.3	5.7	42.24	0	

Time 24 hr clock	Conn/Noi bbl	Density ppg	Pressure psi	Total Flowrate bpm	Total bbl	Service Date	Customer	Job Number	
2:16	15.62	14.96	187.7	5.7	45.13	0	0	0	
2:17	18.49	14.9	183.2	5.7	48.	0	0	0	
2:17	21.36	14.93	178.6	5.7	50.87	0	0	0	
2:18	24.24	14.87	169.4	5.73	53.75	0	0	0	
2:18	27.11	14.74	169.4	5.7	56.62	0	0	0	
2:18	27.11	14.74	169.4	5.7	56.62	0	0	0	
2:19	27.11	14.74	169.4	5.7	56.62	0	0	0	
2:19	27.11	14.74	169.4	5.7	56.62	0	0	0	
2:19	28.65	14.	18.32	0.	58.16	0	0	0	
2:19	28.65	14.	18.32	0.	58.16	0	0	0	
2:19	28.65	14.	18.32	0.	58.16	0	0	0	
2:19	28.65	14.	18.32	0.	58.16	0	0	0	
2:19	28.65	14.	18.32	0.	58.16	0	0	0	
2:20	0.	14.05	-4.58	0.	58.16	0	0	0	
2:20	0.	14.	-9.16	0.	58.16	0	0	0	
2:21	0.393	14.06	68.68	3.89	58.55	0	0	0	
2:21	3.15	9.75	114.5	5.73	61.31	0	0	0	
2:22	6.02	8.71	100.7	5.68	64.18	0	0	0	
2:22	8.89	8.29	119.	5.7	67.05	0	0	0	
2:23	11.76	8.09	128.2	5.73	69.92	0	0	0	
2:23	13.11	8.35	77.84	2.1	71.27	0	0	0	
2:24	14.16	8.17	68.68	2.07	72.32	0	0	0	
2:24	15.21	8.23	91.58	2.1	73.37	0	0	0	
2:25	16.27	8.22	87.	2.1	74.43	0	0	0	
2:25	17.32	8.24	96.15	2.07	75.48	0	0	0	
2:26	18.29	8.2	82.42	0.168	76.45	0	0	0	
2:26	18.68	8.45	1108	0.	76.84	0	0	0	
2:26	18.68	8.45	1108	0.	76.84	0	0	0	
2:27	18.68	8.45	1108	0.	76.84	0	0	0	
2:27	18.68	8.45	641.	0.	76.84	0	0	0	
2:27	18.68	8.45	0.	0.	76.84	0	0	0	
2:27	18.68	8.45	0.	0.	76.84	0	0	0	
2:27	18.68	8.45	0.	0.	76.84	0	0	0	
Post Job Summary									
Average Pump Rates, Slurry		Mud		bpm		Maximum Rate		Total Slurry	
6		0		0		6		47	
Treating Pressure Summary, psi		Bump Plug to		Breakdown		Type		Volume of Fluid Injected, bbl	
Maximum 1100		Final Average 50		1100		0		Mud 0	
Avg. N2 Percent 0		Designated Slurry Volume 47 bbl		Displacement 18 bbl		Mix Water Temp 60 °F		Spacer 10	
Customer or Authorized Representative		Darell Toews		Dowall Supervisor		Jeffrey Dutton		Density 5 Oib/gal	
						<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

ORIGINAL

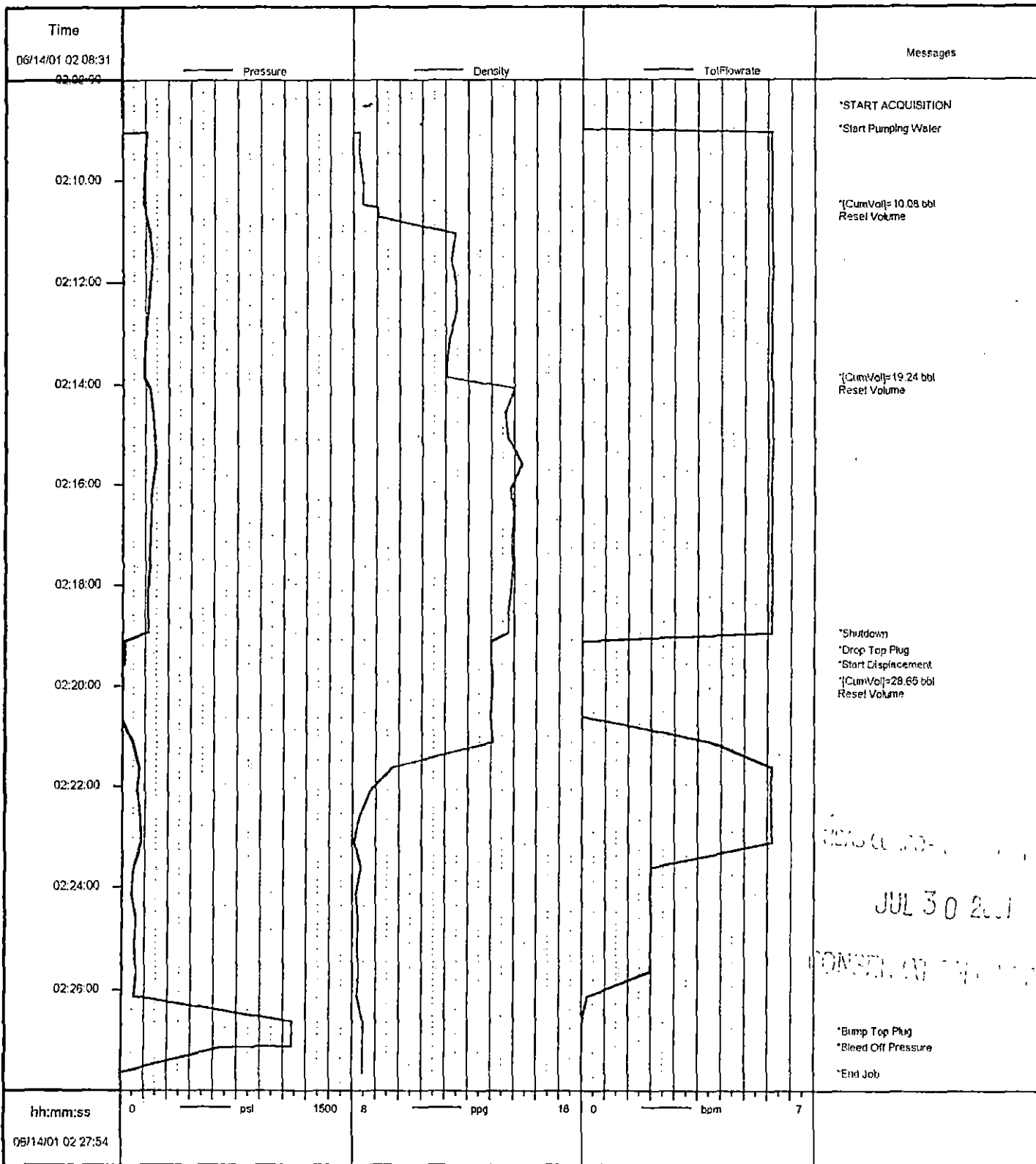
JUL 30 2021



Cementing Job Report

PRISM V2.23

Well	HCU 12-11C	ORIGINAL	Client	Louis Dreyfus
Field	Hugoton		SIR No.	20222823
Country	USA		Job Date	6/14/2001 2:08:31 AM



Job: 602282
06/14/2001 02:32:44

RECORDED
JUL 30 2001
CONSULTANT

* Mark of Schlumberger

ORIGINAL

Customer

LOUIS DREYFUS NATURAL GAS CORP

Job Number

20223077

Well: HCU 12-11C
 Location (legal): Ulysses, KS
 Dowell Location: Ulysses, KS
 Job Start: 6/16/01

Field: HAMILTON
 Formation Name/Type: Chase
 Deviation: 0
 Bit Size: 7.79 in
 Well MD: 2,916 ft
 Well TVD: 2,916 ft

County: KANSAS
 State/Province: KANSAS
 BHP: 0 psi
 BHST: 95 °F
 BHCT: 90 °F
 Pore Press. Gradient: 0 psi/ft

Rig Name: MURFIN 24
 Drilled For: Gas
 Service Via: Land
 Casing/Liner: Casing/Liner

Offshore Zone: Well Class: New
 Well Type: Development
 Depth, ft: 2916
 Size, in: 4.5
 Weight, lb/ft: 10.5

Drilling Fluid Type: Spud Mud
 Max. Density: 9.1 lb/gal
 Plastic Viscosity: 0 cp
 Tubing/Drill Pipe: Tubing/Drill Pipe

Service Line: Cementing
 Job Type: Cem Prod Casing
 Depth: 0
 Size, in: 0
 Weight, lb/ft: 0

Max. Allowed Tubing Pressure: 540 psi
 Max. Allowed Ann. Pressure: 0 psi
 WellHead Connection: 4 1/2 casing
 Perforations/Open Hole: Perforations/Open Hole

Service Instructions: Safely cement production casing as per customer's request

Top, ft	Bottom, ft	spl	No. of Shots	Total Interval
0	0	0	0	0 ft
0	0	0	0	Diameter
0	0	0	0	0 in
Treat Down	Displacement	Packer Type	Packer Depth	
Casing	45.6 bbl	None	0 ft	
Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol	
0 bbl	46.4 bbl	119.5 bbl	0 bbl	

Casing/Tubing Secured 1 Hole Volume Circulated prior to Cementing

Lift Pressure: 1925 psi
 Pipe Rotated: Pipe Reciprocated
 No. Centralizers: 5 Top Plugs: 1 Bottom Plugs: 0
 Cement Head Type: Single
 Job Scheduled For: 6/16/01 19:00 Arrived on Location: 6/16/01 19:00 Leave Location: 6/17/01 1:00

Casing Tools: Shoe Type: Guide
 Shoe Depth: 2916 ft
 Stage Tool Type: Stage Tool Depth: 0 ft
 Collar Type: Insert
 Collar Depth: ft

Squeeze Job: Squeeze Type: Tool Type:
 Tool Depth: 0 ft
 Tail Pipe Size: 0 in
 Tail Pipe Depth: 0 ft
 Sqz Total Vol: 0 bbl

Time	CPT773 THO	Density	Pressure U1	Rate E+H	Message		
24 hr clock	bpm	ppg	psi	bpm			
22:57	0	0	0	0	0	0	START ACQUISITION
22:57	0.	8.32	-4.58	0.	0	0	
22:57	0.	8.32	-4.58	0.	0	0	Pressure Test Lines
22:58	0.	8.31	0.	0.	0	0	KANSAS CO. CO.
22:59	0.	8.31	0.	0.	0	0	
22:59	0.	8.3	3549	0.32	0	0	
23:00	0.	8.3	68.68	0.	0	0	JUL 30
23:01	0.	8.3	41.21	0.	0	0	
23:02	3.37	8.28	151.1	3.4	0	0	CONSERVATION
23:02	3.37	8.28	151.1	3.4	0	0	Start Pumping Water
23:02	4.88	8.3	201.5	5.03	0	0	
23:03	4.88	8.3	201.5	5.03	0	0	cw100
23:03	4.88	8.3	201.5	5.03	0	0	Reset Volume
23:03	4.88	8.3	201.5	5.03	0	0	[CumVol Proxim.]=6.138 bbl
23:03	4.91	8.3	210.6	5.07	0	0	
23:04	4.88	8.3	219.8	5.01	0	0	
23:04	4.93	8.3	224.4	5.11	0	0	
23:05	4.93	8.32	238.1	5.07	0	0	
23:06	4.93	8.32	242.7	5.15	0	0	
23:06	4.93	8.32	242.7	5.15	0	0	Start Pumping Water
23:06	4.93	8.32	242.7	5.15	0	0	[CumVol Proxim.]=18.5 bbl
23:06	4.93	8.32	242.7	5.15	0	0	Reset Volume

Well	Field				Service Date	Customer	Job Number
HCU #12-11C						DREYFUS NATURAL GAS	20223077
Time	CPT773 THO	Density	Pressure U1	Rate E+H			Message
24 hr clock	bpm	ppg	psi	bpm			
23:07	4.96	8.32	247.3	5.07	0	0	0
23:07	4.96	8.45	261.	4.56	0	0	0
23:08	4.96	8.41	247.3	5.11	0	0	0
23:08	4.96	8.41	247.3	5.11	0	0	0
23:08	4.96	8.41	247.3	5.11	0	0	0
23:08	4.96	8.41	247.3	5.11	0	0	0
23:08	4.96	8.41	247.3	5.11	0	0	0
23:09	4.96	11.16	288.5	5.45	0	0	0
23:09	5.01	11.55	315.9	4.5	0	0	0
23:10	6.08	10.64	297.6	5.09	0	0	0
23:11	6.01	11.45	288.5	5.53	0	0	0
23:11	6.08	11.32	297.6	6.43	0	0	0
23:12	6.11	11.11	251.8	6.55	0	0	0
23:13	6.13	11.36	215.2	6.39	0	0	0
23:14	6.11	11.27	192.3	6.39	0	0	0
23:14	6.11	11.22	192.3	6.43	0	0	0
23:15	7.51	11.24	279.3	8.05	0	0	0
23:16	6.31	10.95	238.1	7.97	0	0	0
23:16	6.26	10.81	187.7	6.69	0	0	0
23:17	6.26	11.29	210.6	6.69	0	0	0
23:18	6.24	11.19	192.3	6.53	0	0	0
23:18	6.24	11.14	187.7	6.59	0	0	0
23:19	6.24	11.08	201.5	6.45	0	0	0
23:20	6.24	11.	183.2	6.59	0	0	0
23:21	6.26	11.06	192.3	6.69	0	0	0
23:21	6.24	11.07	201.5	6.39	0	0	0
23:22	6.24	11.16	187.7	6.57	0	0	0
23:23	6.24	11.2	183.2	6.53	0	0	0
23:23	6.24	11.2	183.2	6.53	0	0	0
23:23	6.26	10.99	206.	6.89	0	0	0
23:24	6.26	11.2	196.9	6.75	0	0	0
23:25	6.26	11.32	206.	6.53	0	0	0
23:25	6.98	11.24	238.1	7.35	0	0	0
23:26	6.34	11.14	201.5	6.69	0	0	0
23:27	6.34	11.13	201.5	6.71	0	0	0
23:28	6.29	11.12	192.3	6.87	0	0	0
23:28	6.31	11.07	196.9	6.59	0	0	0
23:29	6.93	11.09	228.9	7.65	0	0	0
23:30	6.31	11.12	196.9	6.75	0	0	0
23:30	6.34	11.09	196.9	6.77	0	0	0
23:31	6.34	11.13	196.9	6.65	0	0	0
23:32	6.31	11.1	201.5	6.73	0	0	0
23:32	6.34	11.04	192.3	6.89	0	0	0
23:33	6.31	11.09	192.3	6.63	0	0	0
23:34	6.29	11.12	206.	6.59	0	0	0
23:35	6.29	11.04	196.9	6.65	0	0	0
23:35	6.31	11.	192.3	6.79	0	0	0
23:36	6.29	11.07	196.9	6.65	0	0	0
23:37	6.31	11.09	196.9	6.69	0	0	0
23:37	6.29	11.11	206.	6.77	0	0	0
23:38	6.29	11.11	224.4	6.59	0	0	0
23:38	6.29	11.11	224.4	6.59	0	0	0
23:39	6.29	11.3	206.	6.27	0	0	0
23:39	3.86	12.18	96.15	4.14	0	0	0
23:40	5.42	14.55	206.	5.61	0	0	0

Start Cement Slurry
[CumVol Proxim.] = 8.428 bbl
Reset Volume

ORIGINAL

switch

ET...
KANSAS CORPORATION
JUL 30 2001
CONSERVATION...

tail

Well

Field

Service Date

Customer

Job Number

HCU #12-11C

DREYFUS NATURAL GAS

20223077

Message

ORIGINAL

Time	CP7773 THO	Density	Pressure U1	Rate E+H						
24 hr clock	bpm	ppg	psi	bpm						
23:41	6.57	15.03	343.4	6.81	0	0	0	0	0	
23:42	6.65	14.92	348.	6.97	0	0	0	0	0	
23:42	6.65	14.8	334.2	7.25	0	0	0	0	0	
23:43	6.67	14.92	343.4	7.35	0	0	0	0	0	
23:44	6.67	14.92	352.6	6.65	0	0	0	0	0	
23:44	6.67	14.89	357.1	6.59	0	0	0	0	0	
23:45	6.7	14.91	348.	7.33	0	0	0	0	0	
23:46	6.75	14.67	334.2	6.99	0	0	0	0	0	
23:47	0.	13.9	4.58	0.16	0	0	0	0	0	
23:47	0.	12.98	-4.58	0.16	0	0	0	0	0	
23:48	0.	12.17	-4.58	0.	0	0	0	0	0	
23:49	0.	11.61	4.58	0.	0	0	0	0	0	
23:49	0.	10.83	59.52	0.899	0	0	0	0	0	
23:50	5.11	10.59	238.1	4.94	0	0	0	0	0	
23:51	5.6	9.23	242.7	7.91	0	0	0	0	0	
23:51	5.65	8.6	228.9	5.95	0	0	0	0	0	
23:52	5.67	8.38	206.	5.87	0	0	0	0	0	
23:53	5.67	8.37	210.6	5.87	0	0	0	0	0	
23:54	0.	8.37	0.	0.	0	0	0	0	0	
23:54	0.	8.37	-9.16	0.	0	0	0	0	0	
23:55	0.	8.37	-9.16	0.	0	0	0	0	0	
23:56	0.	8.37	-9.16	0.	0	0	0	0	0	
23:56	0.	8.37	-9.16	0.	0	0	0	0	0	
23:57	0.	8.36	64.1	4.42	0	0	0	0	0	
23:58	0.	8.37	64.1	4.42	0	0	0	0	0	
23:58	0.	8.35	59.52	4.34	0	0	0	0	0	
23:59	0.	8.47	59.52	4.34	0	0	0	0	0	
0:00	0.	8.45	59.52	4.7	0	0	0	0	0	
0:00	0.	8.45	59.52	4.7	0	0	0	0	0	
0:00	0.	8.45	59.52	4.7	0	0	0	0	0	
0:01	0.	8.47	64.1	3.84	0	0	0	0	0	
0:01	0.	8.47	64.1	3.84	0	0	0	0	0	
0:01	0.	8.48	64.1	2.82	0	0	0	0	0	
0:02	4.5	8.49	192.3	4.8	0	0	0	0	0	
0:03	4.32	8.47	242.7	4.5	0	0	0	0	0	
0:03	4.22	8.47	302.2	4.36	0	0	0	0	0	
0:04	4.19	8.47	366.3	4.3	0	0	0	0	0	
0:05	4.19	8.41	425.8	4.32	0	0	0	0	0	
0:05	1.79	8.44	398.4	1.42	0	0	0	0	0	
0:06	1.53	8.44	412.1	1.64	0	0	0	0	0	
0:07	1.51	8.44	435.	1.58	0	0	0	0	0	
0:08	1.53	8.44	462.5	1.6	0	0	0	0	0	
0:08	1.51	8.44	480.8	1.56	0	0	0	0	0	
0:09	1.48	8.36	508.2	1.54	0	0	0	0	0	
0:10	1.46	8.36	526.6	1.5	0	0	0	0	0	
0:10	1.46	8.35	540.3	1.52	0	0	0	0	0	
0:11	1.43	8.34	567.8	1.5	0	0	0	0	0	
0:12	1.43	8.34	590.7	1.48	0	0	0	0	0	
0:12	0.	8.36	888.3	0.	0	0	0	0	0	
0:13	0.	8.36	833.3	0.	0	0	0	0	0	
0:14	0.	8.36	22.89	1.16	0	0	0	0	0	
0:14	0.	8.36	22.89	1.16	0	0	0	0	0	
0:14	0.	8.36	22.89	1.16	0	0	0	0	0	

disp
 [CumVol Proxim.] = 256.7 bbl
 Reset Volume
 15 hbis gone
 2% KCl

CONSERVATION DIVISION
 JUL 3 0 2001
 KANSAS CORPORATION

Well

Field

Service Date

Customer

Job Number

HCU #12-11C

DREYFUS NATURAL GAS

20223077

Time	CPT773 THO	Density	Pressure U1	Rate E+H				Message
24 hr clock	bpm	ppg	psi	bpm				
0:14	0.	8.36	22.89	1.16	0	0	0	disp 45.5
0:15	0.	8.36	22.89	1.16	0	0	0	
0:15	0.	8.36	22.89	1.16	0	0	0	circ 40 bbls cmt
0:15	0.	8.36	22.89	1.16	0	0	0	calc disp 45.6
0:15	0.	8.36	22.89	1.16	0	0	0	plug down 0015

ORIGINAL

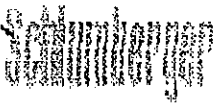
Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3	0	0	6	246	0	20	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
1000	1000	0	1000	0		0 bbl	0 lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	Washed Thru Perfs	To
0 %	245 bbl	45.5 bbl	65 °F	<input checked="" type="checkbox"/>	40 bbl	0 ft	
Customer or Authorized Representative			Dowell Supervisor		Circulation Lost		<input checked="" type="checkbox"/> Job Completed
Darrell Toews			Shubhanan Dakshindas				

WRSAS CORPORATION

JUL 30 2001

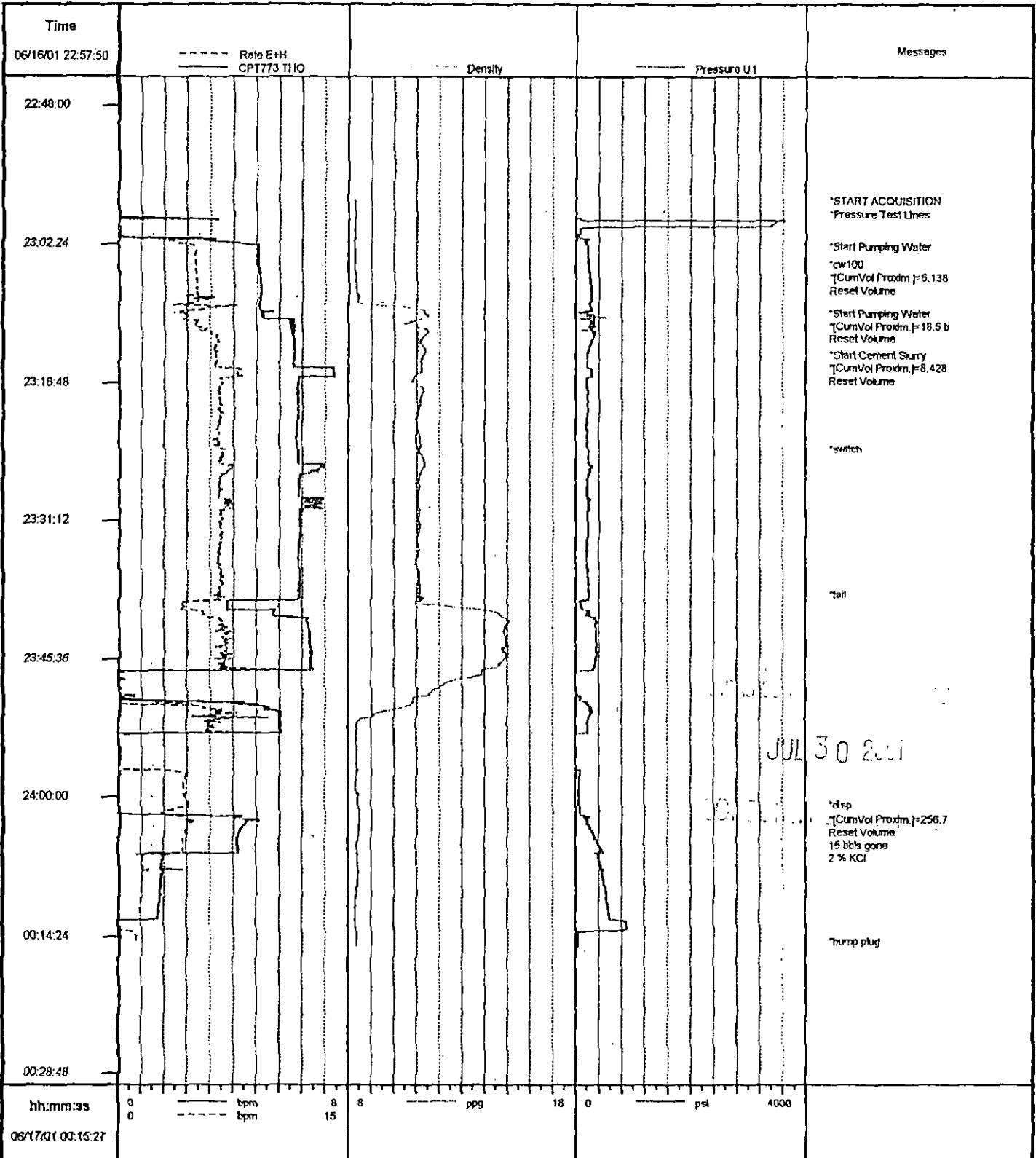
CONSERVATION



Cementing Job Report

PRISM V2.23

Well	HCU 12-11C	<h1>ORIGINAL</h1>	Client	Louis Dreyfus Natural Ga
Field			SIR No.	20223077
Country			Job Date	6/16/2001 10:57:50 PM



Job: 061527e

06/17/2001 00:15:44