

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

RECEIVED
SEP 26 2001

API NO. 15 - 075-20224-000 ORIGINAL

County Hamilton
- C - SW - NE Sec. 32 Twp. 21 Rge. 41 X W
1980' Feet from S / N (circle one) Line of Section
1980' Feet from E / W (circle one) Line of Section

Operator: License # 31321 KCC WICHITA
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
Phone (405) 748-2725

Contractor: Name Cheyenne WELL SERVICE
License: 6454

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry X Workover
 Oil X SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl. Cathodic, etc.)

If Workover: LADD PETROLEUM CORPORATION
Operator: _____
Well Name: HCU 3211-B

Comp. Date 8-21-79 Old Total Depth 2871'
Orig Compl Date 8/21/79
 X Deepening Re-perf. X Conv. To Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 X Other (SWD or Inj?) Docket No. D-27,899

9/01/01 9/7/01 9/11/01
Deepening Commenced Date Reached TD Date

Footages Calculated from Nearest Outside Section Corner:
 NE SE NW or SW (circle one)
Lease Name HCU Well # 3211-B
Field Name Bradshaw

DISPOSAL
Producing Formation Council Grove (Injection Zone)
Elevation: Ground 3669' KB _____
Total Depth 3135' PBTD 3135'

Amount of Surface Pipe Set and Cemented at 232' Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2870'
feet depth to ±1730' w/ 550 sx cmt

Drilling Fluid Management Plan REWORK 8/12/24/02
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

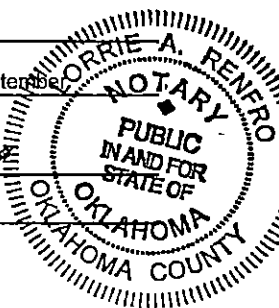
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
 Quarter Sec. Twp S Rng. E / W
County _____ Docket No. _____

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 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 _____

Subscribed and sworn to before me this 24th day of September
20 01
Notary Public Janie A. Renfro
Date Commission Expires 9-01-05



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)

Operator Name Louis Dreyfus Natural Gas Corp.

Lease Name HCU Well # 3211-B

Sec. 32 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
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 Cement Bond Log

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"	28#	232'	Class H	175	3% CaCl
Production	7-7/8"	4-1/2"	10.5#	2870'	Class H 50/50 Poz	400 150	4% Gel 2% Gel

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing	2766'	2772'	10-2 RFC & "H"	125	10-2 RFC & Class "H" w/2% cc
<input type="checkbox"/> Plug Back TD					Squeezed Winfield perms w/75 sx 10-2 RFC cement +
<input checked="" type="checkbox"/> Plug Off Zone					50 sx. Cl "H" w/2% cc. Squeezed to 1800 psi.

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Materials Used)	
	Open Hole Injection from 2870' to 3135'		Acidize down 2-3/8" tubing with 5000 gal 15% NE-FE HCl acid + 2806 gal lease water + 2500# rock salt. Flush with 1620 gal lease water.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
Seal-Tite - PVC Lined	2-3/8"	2856'	2856'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Waiting On Approval	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION **INJECTION** Production Interval 2870'-3135'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

Other (Specify) Salt Water Disposal

RECEIVED

15.075.20224-0000

ORIGINAL

KANSAS DRILLERS LOG

SEP 26 2001

S. 32 T. 21S R. 41 E
W

Loc. C SW NE

County Hamilton

API No. 15 — 075 — KCC WICHITA
County Number

Operator
Iadd Petroleum Corporation

Address
830 Denver Club Bldg., Denver, CO 80202

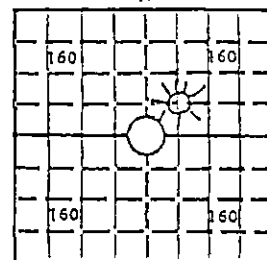
Well No. 3211-B Lease Name HCU

Footage Location
1980 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor Service Drilling Co. Geologist None

Spud Date 6/7/79 Total Depth 2871 P.B.T.D. 2849

Date Completed 8/21/79 Oil Purchaser ---



Elev.: Gr. 3667

DF --- KB ---

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
surface	12 1/4	8-5/8"	28	232	Class H	175	3% CaCl
production	7-7/8	4 1/2"	10.5	2870	Class H	400	4% gel
					50/50 Poz	150	2% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
---	---	---	2	1/2 jet	2766-2772

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"		2712

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal 15% HCl acid & 1000 gal 15%-70% retarded + 150# benzoic	2766-2772
17,000 gal 3% gelled acid + 12,000# 20-40 sand @ 50% CO ₂	2766-2772

INITIAL PRODUCTION

Date of first production not yet connected for sales Producing method (flowing, pumping, gas lift, etc.) pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	---	45 bbls. MCF	50 bbls.	---

Disposition of gas (vented, used on lease or sold) to be sold Producing interval (s) 2766-2772

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 383rd So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Driller's logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

15.075.20224.0000

RECEIVED

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Operator
Ladd Petroleum Corporation

SEP 26 2001

ORIGINAL
gas

Well No.
3211-B

Lease Name
HCU

KCC WICHITA

S 32 T 21SR 41 ^E _W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Winfield	2740		Logs run GR/N	2849-1000

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Rich Hoan
Signature

Production Engineer
Title

6-30-80
Date

Date



Cementing Service Report

ORIGINAL

Customer: LOUIS DREYFUS NATURAL GAS CORP						Job Number: 2205410300																																																																																																																																																																																																																																																			
Well: HCU 3211-B			Location (Legal): Ulysses, KS			Dwell Location: Ulysses, KS		Job Start: 2001-Sep-04																																																																																																																																																																																																																																																	
Field: Bradshaw		Formation Name/Type:		Deviation:		Bit Size: in	Well ID: ft	Well TVD: ft																																																																																																																																																																																																																																																	
County: Hamilton		State/Province: KS		BHP: psi	BHST: °F	BHCT: °F	Form Press. Gradient: psi/ft																																																																																																																																																																																																																																																		
Rig Name:		Drilled For: Gas		Service Via:		Casing/Liner:																																																																																																																																																																																																																																																			
Offshore Zone:		Well Class: Old		Well Type: Workover		Depth, ft:	Size, in:	Weight, lb/ft:	Grade:	Thread:																																																																																																																																																																																																																																															
Drilling Fluid Type:			Max. Density: lb/gal	Plastic Viscosity: cp	Tubing/Drill Pipe:																																																																																																																																																																																																																																																				
Service Line: Cementing		Job Type: BlkSqz Rpr Prod. Casing		Depth: 2500	Size, in: 2.375	Weight, lb/ft: 4.7	Grade: C75	Thread: N/A																																																																																																																																																																																																																																																	
Max. Allowed Tubing Pressure: 1600 psi		Max. Allowed Ann. Pressure: psi		Wellhead Connection: 2 3/8" 4.7# T/S		Perforations/Open Hole:																																																																																																																																																																																																																																																			
Service Instructions: Squeeze well as requested by customer.		Top, ft: 2786	Bottom, ft: 2772	spf:	No. of Shots:	Total Interval: ft		Diameter: in																																																																																																																																																																																																																																																	
Treat Down: None		Displacement: 13.7 bbl		Packer Type: String Retrieval		Packer Depth: 2500 ft		Tubing Vol: 9.7 bbl																																																																																																																																																																																																																																																	
Casing/Tubing Secured: <input type="checkbox"/>		1 Hole Volume Circulated prior to Cementing: <input type="checkbox"/>		Casing Tools:			Squeeze Job:																																																																																																																																																																																																																																																		
Lift Pressure: psi		Pipe Rotated: <input type="checkbox"/>		Pipe Reciprocated: <input type="checkbox"/>		Shoe Type: Running		Shoe Depth: ft																																																																																																																																																																																																																																																	
No. Centralizers: Top Plugs: Bottom Plugs:		Stage Tool Type:		Tool Depth: 2517 R		Stage Tool Depth: ft		Tail Pipe Size: in																																																																																																																																																																																																																																																	
Job Scheduled For: 9/4/01 9:00		Arrived on Location: 2001-Sep-04 8:30		Leave Location: 2001-Sep-04 14:00		Collar Type:		Tail Pipe Depth: ft																																																																																																																																																																																																																																																	
Collar Depth: ft		Sqz Total Vol: bbl		<table border="1"> <thead> <tr> <th>Date</th> <th>Time</th> <th>CPT/TTS THO</th> <th>Density</th> <th>Elapsed Time</th> <th>Pressure (H)</th> <th>Rate (H)</th> <th colspan="3">Message</th> </tr> <tr> <th></th> <th>24 hr Clock</th> <th>bpm</th> <th>ppg</th> <th>min</th> <th>psi</th> <th>bpm</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>2001-Sep-04</td><td>11:10</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>START ACQUISITION</td></tr> <tr><td>2001-Sep-04</td><td>11:10</td><td>0.</td><td>8.33</td><td>0.017</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:10</td><td>0.</td><td>8.33</td><td>0.017</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td>Reset Volume</td></tr> <tr><td>2001-Sep-04</td><td>11:10</td><td>0.</td><td>8.33</td><td>0.017</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td>(CumVol Proxim.)=0 bbl</td></tr> <tr><td>2001-Sep-04</td><td>11:11</td><td>0.</td><td>8.33</td><td>0.017</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td>Pressure Test Tubing</td></tr> <tr><td>2001-Sep-04</td><td>11:11</td><td>0.</td><td>8.33</td><td>0.77</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:12</td><td>0.</td><td>8.32</td><td>1.52</td><td>41.21</td><td>3.</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:13</td><td>0.</td><td>8.32</td><td>2.28</td><td>41.21</td><td>3.1</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:13</td><td>0.</td><td>8.33</td><td>3.03</td><td>45.79</td><td>3.1</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:14</td><td>0.</td><td>8.33</td><td>3.79</td><td>41.21</td><td>3.12</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:15</td><td>0.</td><td>8.33</td><td>4.54</td><td>41.21</td><td>3.12</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:16</td><td>0.</td><td>8.33</td><td>5.29</td><td>45.79</td><td>3.12</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:16</td><td>0.</td><td>8.33</td><td>6.05</td><td>45.79</td><td>3.12</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:17</td><td>0.</td><td>8.33</td><td>6.8</td><td>45.79</td><td>3.14</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:18</td><td>0.</td><td>8.33</td><td>7.55</td><td>41.21</td><td>3.1</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:19</td><td>0.</td><td>8.33</td><td>8.31</td><td>45.79</td><td>3.12</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:19</td><td>0.</td><td>8.33</td><td>9.06</td><td>45.79</td><td>2.64</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:20</td><td>0.</td><td>8.33</td><td>9.82</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:21</td><td>0.</td><td>8.33</td><td>10.57</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:22</td><td>0.</td><td>8.33</td><td>11.32</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:22</td><td>0.</td><td>8.33</td><td>12.08</td><td>4.58</td><td>0.</td><td>0</td><td>0</td><td></td></tr> <tr><td>2001-Sep-04</td><td>11:23</td><td>0.</td><td>8.33</td><td>12.83</td><td>0.</td><td>0.</td><td>0</td><td>0</td><td></td></tr> </tbody> </table>						Date	Time	CPT/TTS THO	Density	Elapsed Time	Pressure (H)	Rate (H)	Message				24 hr Clock	bpm	ppg	min	psi	bpm				2001-Sep-04	11:10	0	0	0	0	0	0	0	START ACQUISITION	2001-Sep-04	11:10	0.	8.33	0.017	4.58	0.	0	0		2001-Sep-04	11:10	0.	8.33	0.017	4.58	0.	0	0	Reset Volume	2001-Sep-04	11:10	0.	8.33	0.017	4.58	0.	0	0	(CumVol Proxim.)=0 bbl	2001-Sep-04	11:11	0.	8.33	0.017	4.58	0.	0	0	Pressure Test Tubing	2001-Sep-04	11:11	0.	8.33	0.77	4.58	0.	0	0		2001-Sep-04	11:12	0.	8.32	1.52	41.21	3.	0	0		2001-Sep-04	11:13	0.	8.32	2.28	41.21	3.1	0	0		2001-Sep-04	11:13	0.	8.33	3.03	45.79	3.1	0	0		2001-Sep-04	11:14	0.	8.33	3.79	41.21	3.12	0	0		2001-Sep-04	11:15	0.	8.33	4.54	41.21	3.12	0	0		2001-Sep-04	11:16	0.	8.33	5.29	45.79	3.12	0	0		2001-Sep-04	11:16	0.	8.33	6.05	45.79	3.12	0	0		2001-Sep-04	11:17	0.	8.33	6.8	45.79	3.14	0	0		2001-Sep-04	11:18	0.	8.33	7.55	41.21	3.1	0	0		2001-Sep-04	11:19	0.	8.33	8.31	45.79	3.12	0	0		2001-Sep-04	11:19	0.	8.33	9.06	45.79	2.64	0	0		2001-Sep-04	11:20	0.	8.33	9.82	4.58	0.	0	0		2001-Sep-04	11:21	0.	8.33	10.57	4.58	0.	0	0		2001-Sep-04	11:22	0.	8.33	11.32	4.58	0.	0	0		2001-Sep-04	11:22	0.	8.33	12.08	4.58	0.	0	0		2001-Sep-04	11:23	0.	8.33	12.83	0.	0.	0	0	
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2001-Sep-04	11:17	0.	8.33	6.8	45.79	3.14	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:18	0.	8.33	7.55	41.21	3.1	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:19	0.	8.33	8.31	45.79	3.12	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:19	0.	8.33	9.06	45.79	2.64	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:20	0.	8.33	9.82	4.58	0.	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:21	0.	8.33	10.57	4.58	0.	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:22	0.	8.33	11.32	4.58	0.	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:22	0.	8.33	12.08	4.58	0.	0	0																																																																																																																																																																																																																																																	
2001-Sep-04	11:23	0.	8.33	12.83	0.	0.	0	0																																																																																																																																																																																																																																																	

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Well		Field		Service Date		Customer		Job Number	
HCU #3211-B		Brodshaw		01247-Sep-04		LOUIS DREYFUS NATURAL GAS CORP		2205410300	
Date	Time	CP1778 DHO	Density	Elapsed Time	Pressure UM	Flow FWH			Message
	24hr Clock	bpm	ppg	min	psi	bpm			
2001-Sep-04	11:24	0.	8.33	13.58	0.	0.	0	0	
2001-Sep-04	11:25	0.	8.33	14.34	9.16	0.	0	0	
2001-Sep-04	11:25	1.3	8.32	15.09	402.9	1.44	0	0	
2001-Sep-04	11:26	0.	8.32	15.85	4.58	0.	0	0	
2001-Sep-04	11:27	0.	8.33	16.6	27.47	1.48	0	0	
2001-Sep-04	11:27	0.	8.33	16.6	27.47	1.48	0	0	injection test
2001-Sep-04	11:27	0.	8.33	16.6	27.47	1.48	0	0	(CumVol Proxim.)=5272 bbl
2001-Sep-04	11:27	0.	8.33	16.6	27.47	1.48	0	0	Reset Volume
2001-Sep-04	11:28	0.	8.33	17.35	36.83	2.38	0	0	
2001-Sep-04	11:28	0.	8.33	18.11	59.52	2.9	0	0	
2001-Sep-04	11:29	0.	8.33	18.86	59.52	2.92	0	0	
2001-Sep-04	11:30	0.	8.33	19.61	59.52	2.88	0	0	
2001-Sep-04	11:31	0.	8.33	20.37	59.52	2.9	0	0	
2001-Sep-04	11:31	0.	8.33	21.12	59.52	2.88	0	0	
2001-Sep-04	11:32	3.35	8.33	21.88	105.3	3.46	0	0	
2001-Sep-04	11:33	3.35	8.33	22.63	64.1	3.5	0	0	
2001-Sep-04	11:34	3.32	9.17	23.38	105.3	3.72	0	0	
2001-Sep-04	11:34	3.35	8.33	22.63	64.1	3.5	0	0	Start Mixing Lead Slurry
2001-Sep-04	11:34	3.32	9.17	23.38	105.3	3.72	0	0	Reset Volume
2001-Sep-04	11:34	3.32	9.17	23.38	105.3	3.72	0	0	(CumVol Proxim.)=6.796 bbl
2001-Sep-04	11:34	3.3	12.32	24.14	129.6	4.04	0	0	
2001-Sep-04	11:35	3.3	13.87	24.89	137.4	3.48	0	0	
2001-Sep-04	11:36	3.78	14.21	25.64	192.3	3.92	0	0	
2001-Sep-04	11:37	3.78	14.07	26.4	201.5	3.9	0	0	
2001-Sep-04	11:37	3.83	13.61	27.15	201.5	3.88	0	0	
2001-Sep-04	11:38	3.81	13.71	27.91	201.5	4.	0	0	
2001-Sep-04	11:39	3.76	13.42	28.66	228.9	3.9	0	0	
2001-Sep-04	11:39	3.76	13.42	28.66	228.9	3.9	0	0	Start Mixing Tail Slurry
2001-Sep-04	11:39	3.78	13.42	28.66	228.9	3.9	0	0	Reset Volume
2001-Sep-04	11:39	3.78	13.42	28.66	228.9	3.9	0	0	(CumVol Proxim.)=20.11 bbl
2001-Sep-04	11:40	3.53	14.98	29.41	512.8	3.52	0	0	
2001-Sep-04	11:41	3.4	15.9	30.17	718.9	3.5	0	0	
2001-Sep-04	11:41	3.37	14.9	30.92	741.8	3.76	0	0	
2001-Sep-04	11:42	3.37	13.9	31.67	686.8	3.44	0	0	
2001-Sep-04	11:43	3.37	8.81	32.43	673.1	3.5	0	0	
2001-Sep-04	11:43	3.37	8.81	32.43	673.1	3.5	0	0	flush
2001-Sep-04	11:44	3.3	8.39	33.18	714.3	3.42	0	0	
2001-Sep-04	11:44	0.	8.39	33.94	69.52	1.86	0	0	
2001-Sep-04	11:45	0.	8.38	34.69	59.52	1.42	0	0	
2001-Sep-04	11:46	0.	8.36	35.44	59.52	1.04	0	0	
2001-Sep-04	11:47	1.12	8.36	36.2	315.9	1.38	0	0	
2001-Sep-04	11:47	0.895	8.35	36.95	361.7	1.48	0	0	
2001-Sep-04	11:48	0.843	8.35	37.71	215.2	0.899	0	0	
2001-Sep-04	11:49	0.	8.35	38.46	100.7	0.3	0	0	
2001-Sep-04	11:50	0.	11.37	39.21	91.58	2.1	0	0	
2001-Sep-04	11:50	0.	11.18	39.97	68.68	2.08	0	0	
2001-Sep-04	11:51	0.	9.49	40.72	45.79	3.5	0	0	
2001-Sep-04	11:52	3.02	9.03	41.47	77.84	9.23	0	0	
2001-Sep-04	11:53	4.14	8.82	42.23	178.6	4.04	0	0	
2001-Sep-04	11:53	4.14	8.83	42.98	155.7	4.32	0	0	
2001-Sep-04	11:54	2.61	8.35	43.74	59.52	2.76	0	0	
2001-Sep-04	11:55	0.	8.38	44.49	-13.74	0.	0	0	
2001-Sep-04	11:56	0.	8.39	45.24	-9.16	0.	0	0	
2001-Sep-04	11:56	0.	8.4	46.	22.89	0.	0	0	

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Well		Field		Service Date		Customer			Job Number
HCU#3211-S		Bradshaw		01247-Sep-04		LOUIS DREYFUS NATURAL GAS CORP			2209410300
Date	Time	CP1773 TMO	Density	Elapsed Time	Pressure LI	Rate EVH	Message		
	24 hr clock	bpm	ppg	min	psi	bpm			
2001-Sep-04	11:57	0.	8.39	46.75	13.74	0.	0	0	
2001-Sep-04	11:58	0.	8.41	47.5	9.16	0.06	0	0	
2001-Sep-04	11:59	0.	8.49	48.26	0.	1.34	0	0	
2001-Sep-04	11:59	0.	8.49	49.02	0.	0.3	0	0	
2001-Sep-04	12:00	0.	8.46	49.77	-4.58	0.02	0	0	
2001-Sep-04	12:01	0.	8.49	50.53	-4.58	0.	0	0	
2001-Sep-04	12:02	0.	8.48	51.28	-4.58	0.	0	0	
2001-Sep-04	12:02	0.	8.4	52.04	-4.58	0.	0	0	
2001-Sep-04	12:03	0.	8.41	52.79	-4.58	0.	0	0	

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2001-Sep-04	12:05	0.	8.42	54.3	-4.58	0.	0	0	ORIGINAL
2001-Sep-04	12:05	D.	8.39	55.06	-9.16	0.	0	0	
2001-Sep-04	12:06	3.86	8.36	55.81	-4.58	0.	0	0	
2001-Sep-04	12:07	0.	8.38	56.56	622.7	0.	0	0	
2001-Sep-04	12:08	0.	8.35	57.32	1085	0.	0	0	
2001-Sep-04	12:08	0.	8.35	58.07	1007	0.	0	0	
2001-Sep-04	12:09	0.179	8.38	58.82	1378	0.14	0	0	
2001-Sep-04	12:10	0.	8.36	59.58	1777	0.	0	0	
2001-Sep-04	12:11	0.	8.37	60.33	1722	0.	0	0	
2001-Sep-04	12:11	0.	8.36	61.08	1667	0.	0	0	
2001-Sep-04	12:12	0.	8.35	61.84	1616	0.	0	0	
2001-Sep-04	12:13	0.	8.33	62.59	1568	0.	0	0	
2001-Sep-04	12:14	0.	8.33	63.35	1520	0.	0	0	
2001-Sep-04	12:14	0	8.33	64.1	1470	0.	0	0	

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2001-Sep-04	12:16	0.	8.33	65.61	1378	0.	0	0
2001-Sep-04	12:17	0.	8.33	66.36	1332	0.	0	0
2001-Sep-04	12:17	0.	8.33	67.12	1291	0.	0	0
2001-Sep-04	12:18	0.	8.33	67.87	1250	0.	0	0
2001-Sep-04	12:19	0.	8.33	68.62	1204	0.	0	0
2001-Sep-04	12:20	0.	8.33	69.38	1204	0.	0	0
2001-Sep-04	12:20	0.	8.33	70.13	1131	0.	0	0
2001-Sep-04	12:21	0.	8.33	70.88	1094	0.	0	0
2001-Sep-04	12:22	0.	8.33	71.64	1062	0.	0	0
2001-Sep-04	12:23	0.	8.33	72.39	1035	0.	0	0
2001-Sep-04	12:23	0.153	8.30	73.15	1076	0.	0	0
2001-Sep-04	12:24	0.	8.33	73.9	1566	0.	0	0
2001-Sep-04	12:25	0.	8.33	74.65	1529	0.	0	0
2001-Sep-04	12:26	0.	8.32	75.41	1497	0.	0	0
2001-Sep-04	12:27	0.	8.31	76.16	1474	0.	0	0
2001-Sep-04	12:27	0.	8.31	76.91	1458	0.	0	0
2001-Sep-04	12:28	0.	8.31	77.67	1438	0.	0	0
2001-Sep-04	12:29	0.	8.31	78.42	1415	0.	0	0
2001-Sep-04	12:30	0.	8.31	79.18	1401	0.	0	0
2001-Sep-04	12:30	0.	8.31	79.93	1363	0.	0	0
2001-Sep-04	12:31	0.	8.31	80.68	1369	0.	0	0
2001-Sep-04	12:32	0.	8.31	81.44	1355	0.	0	0
2001-Sep-04	12:33	0.	8.31	82.19	1346	0.	0	0
2001-Sep-04	12:33	0.	8.31	82.94	1332	0.	0	0
2001-Sep-04	12:34	0.	8.31	83.7	1319	0.	0	0
2001-Sep-04	12:35	0.	8.31	84.45	1310	0.	0	0
2001-Sep-04	12:36	0.	8.31	85.21	1296	0.	0	0
2001-Sep-04	12:36	0.	8.31	85.96	1287	0.	0	0
2001-Sep-04	12:37	0.	8.31	86.71	1273	0.	0	0

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Well		Field			Service Date		Customer		Job Number
HCU #S211-B		Bradshaw			01247-Sep-04		LOUIS DREYFUS NATURAL GAS CORP		2205410300
Date	Time	CFR773-THO	Density	Elapsed Time	Pressure (ft)	Rate (E/H)			Message
	24 hr clock	ppm	ppg	min	psf	ppm			
2001-Sep-04	12:38	0.	8.31	87.47	1264	0.	0	0	
2001-Sep-04	12:39	0.	8.31	88.22	1255	0.	0	0	
2001-Sep-04	12:39	0.	8.31	88.97	1245	0.	0	0	
2001-Sep-04	12:40	0.	8.32	89.73	1236	0.	0	0	
2001-Sep-04	12:41	0.026	8.32	90.48	1236	0.	0	0	
2001-Sep-04	12:42	0.	8.32	91.24	1584	0.	0	0	
2001-Sep-04	12:42	0.	8.32	91.99	1575	0.	0	0	
2001-Sep-04	12:43	0.	8.32	92.74	1568	0.	0	0	
2001-Sep-04	12:44	0.	8.32	93.5	1552	0.	0	0	
2001-Sep-04	12:45	0.	8.32	94.25	1543	0.	0	0	
2001-Sep-04	12:45	0.	8.32	95.	1534	0.	0	0	
2001-Sep-04	12:46	0.	8.32	95.76	1525	0.	0	0	
2001-Sep-04	12:47	0.	8.31	96.51	1516	0.	0	0	
2001-Sep-04	12:48	0.	8.31	97.27	1508	0.	0	0	
2001-Sep-04	12:48	0.	8.31	98.02	1497	0.	0	0	
2001-Sep-04	12:49	0.	8.31	98.77	1488	0.	0	0	
2001-Sep-04	12:50	0.	8.31	99.53	1484	0.	0	0	
2001-Sep-04	12:51	0.	8.31	100.3	1474	0.	0	0	
2001-Sep-04	12:51	0.	8.31	101.	1465	0.	0	0	
2001-Sep-04	12:52	0.	8.31	101.8	1461	0.	0	0	
2001-Sep-04	12:53	0.	8.31	102.5	1451	0.	0	0	
2001-Sep-04	12:54	0.	8.31	103.3	1117	0.	0	0	
2001-Sep-04	12:54	0.	8.31	104.	1090	0.	0	0	
2001-Sep-04	12:55	0.	8.31	104.8	998.2	0.	0	0	
2001-Sep-04	12:56	0.	8.31	105.6	993.6	0.	0	0	
2001-Sep-04	12:57	0.	8.31	106.3	989	0.	0	0	
2001-Sep-04	12:57	0.	8.31	107.1	984.4	0.	0	0	
2001-Sep-04	12:58	0.	8.31	107.8	979.9	0.	0	0	
2001-Sep-04	12:59	0.	8.31	108.6	975.3	0.	0	0	
2001-Sep-04	13:00	0.	8.31	109.3	970.7	0.	0	0	
2001-Sep-04	13:00	0.	8.31	110.1	970.7	0.	0	0	
2001-Sep-04	13:01	0.	8.31	110.8	0.	0.	0	0	
2001-Sep-04	13:02	0.281	8.31	111.6	764.7	0.3	0	0	
2001-Sep-04	13:03	0.	8.3	112.3	1053	0.	0	0	
2001-Sep-04	13:03	0.	8.3	113.1	1044	0.	0	0	
2001-Sep-04	13:04	0.	8.3	113.9	1039	0.	0	0	
2001-Sep-04	13:05	0.	8.3	114.6	1035	0.	0	0	
2001-Sep-04	13:06	0.	8.3	115.4	22.89	0.	0	0	
2001-Sep-04	13:06	0.	8.3	116.1	27.47	0.	0	0	
2001-Sep-04	13:07	0.	8.3	116.9	261.	0.	0	0	
2001-Sep-04	13:08	0.	8.3	117.6	238.1	0.	0	0	
2001-Sep-04	13:09	1.25	8.32	118.4	141.8	0.959	0	0	
2001-Sep-04	13:09	1.89	8.31	119.1	508.2	1.94	0	0	
2001-Sep-04	13:10	1.84	8.32	119.9	531.1	1.88	0	0	
2001-Sep-04	13:11	1.84	8.32	120.6	522.	1.9	0	0	
2001-Sep-04	13:12	1.84	8.32	121.4	512.8	1.9	0	0	
2001-Sep-04	13:12	1.84	8.32	122.1	531.1	1.9	0	0	
2001-Sep-04	13:13	1.84	8.32	122.9	522.	1.9	0	0	
2001-Sep-04	13:14	1.84	8.32	123.7	544.9	1.9	0	0	
2001-Sep-04	13:15	1.84	8.32	124.4	522.	1.9	0	0	
2001-Sep-04	13:16	1.84	8.32	125.2	549.5	1.88	0	0	
2001-Sep-04	13:16	1.81	8.32	125.9	540.3	1.9	0	0	
2001-Sep-04	13:17	1.84	8.32	126.7	549.5	1.9	0	0	
2001-Sep-04	13:18	1.84	8.32	127.4	544.9	1.9	0	0	

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Well		Field		Service Date		Customer		Job Number	
HCU #3211-B		Bradshaw		01247-Sep-04		LOUIS DREYFUS NATURAL GAS CORP		2205-11000	
Date	Time	CP1779 TSD bpm	Density ppg	Elapsed Time min	Pressure MH psi	Rate CVH bpm			Message
2001-Sep-04	13:18	0.	8.32	128.2	45.79	0.	0	0	
2001-Sep-04	13:19	0.	8.32	128.9	73.26	0.	0	0	
2001-Sep-04	13:20	0.665	8.32	129.7	911.2	0.719	0	0	
2001-Sep-04	13:21	0.	8.32	130.4	947.8	0.	0	0	
2001-Sep-04	13:22	0.	8.32	131.2	915.8	0.	0	0	
2001-Sep-04	13:22	0.	8.32	132.	897.4	0.	0	0	
2001-Sep-04	13:23	0.	8.32	132.7	883.7	0.	0	0	
2001-Sep-04	13:24	0.	8.32	133.5	870.	0.	0	0	
2001-Sep-04	13:25	0.	8.32	134.2	865.4	0.	0	0	
2001-Sep-04	13:25	0.	8.32	135.	858.2	0.	0	0	
2001-Sep-04	13:26	0.	8.31	135.7	851.6	0.	0	0	
2001-Sep-04	13:27	0.	8.31	136.5	847.1	0.	0	0	
2001-Sep-04	13:28	0.	8.31	137.2	842.5	0.	0	0	
2001-Sep-04	13:28	0.	8.31	138.	837.9	0.	0	0	
2001-Sep-04	13:29	0.	8.31	138.7	833.3	0.	0	0	
2001-Sep-04	13:30	0.	8.31	139.5	833.3	0.	0	0	
2001-Sep-04	13:31	0.	8.31	140.2	828.8	0.	0	0	
2001-Sep-04	13:31	0.	8.31	141.	828.8	0.	0	0	
2001-Sep-04	13:32	0.	8.31	141.8	824.2	0.	0	0	
2001-Sep-04	13:33	0.	8.31	142.5	824.2	0.	0	0	
2001-Sep-04	13:34	0.	8.31	143.3	755.5	0.	0	0	

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
3			3.5	33		13			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
1500	1000	700		770		bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Max Water Temp		<input type="checkbox"/> Cement Circulated to Surface?	Volume	bbl		
%	bbl	11.7 bbl	°F		<input type="checkbox"/> Washed Thru Ports	To	R		
Customer or Authorized Representative			Dowell Supervisor		<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed		
Darrell, Toews,			Camargo, Jose						

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