

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 Cheyenne Drilling  
 License: 5382  
 Wellsite Geologist: NA

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:  
 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. \_\_\_\_\_  
 7/31/00 \_\_\_\_\_ 8/2/00 \_\_\_\_\_ 8/30/00 \_\_\_\_\_  
 Spud Date Date Reached TD Completion Date

API NO. 15 - 075-20717-00-00  
 County Hamilton  
 - C - N2 - SE Sec. 5 Twp. 22S Rge. 40 X W  
1980' Feet from  N (circle one) Line of Section  
1320' Feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW or SW (circle one)  
 Lease Name HCU Well # 520-B  
 Field Name Bradshaw  
 Producing Formation Chase  
 Elevation: Ground 3568' KB 3571'  
 Total Depth 2905' PBTB 2857'  
 Amount of Surface Pipe Set and Cemented at 303' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 303'  
 feet depth to Surface w/ 175 sx cmt

Drilling Fluid Management Plan ALT #2 KGR 7/05/07  
 (Data must be collected from the Reserve Pit)  
 Chloride content 95000 ppm Fluid volume 800 bbls  
 Dewatering 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. \_\_\_\_\_

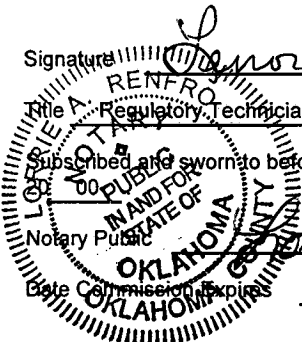
STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WICHITA, KANSAS

SEP 01 2000

**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 8/30/00  
 Subscribed and sworn to before me this 30th day of August  
 Notary Public Terri A. Renfro  
 Date Commission Expires 9-01-01



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

ORIGINAL

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 520-B  
 Sec. 5 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.)  
 Samples Sent to Geological Survey  Yes  No Name Top Datum  
 Cores Taken  Yes  No See Attached Driller's Log  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run:  
 Scintillation Gamma Ray

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"	23#	303'	35/65 Poz	50	6% Gel, 2% cc & 1/4# flocele
					Cl "C"	125	2% cc + 1/4# flocele
Production	7-7/8"	4-1/2"	10.5#	2905'	Cl "C"	350	3%D79 + 1/4 pps D29
					Cl "C"	200	2% S1 + 1/4 pps D29

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					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

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)	Depth
3	2733-35' & 2740-52'		Frac w/1000 gal 50Q 15% HCl acid & 16,000 gal 65Q WF130 + 16,000# 12/20 Brady Sand + 16,000# 12/20 Resin coated sand.	2733-2752'

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2-3/8"	2814'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.			Producing Method					
8/24/00			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	NA		212		580		NA	

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2733-2752'  
 (If Vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Other (Specify) \_\_\_\_\_  
 Production Interval: \_\_\_\_\_

ORIGINAL

DRILLER'S LOG

LOUIS DREYFUS NATURAL GAS CORP  
HCU 520 B  
SECTION 5-T22S-R40W  
HAMILTON COUNTY, KANSAS

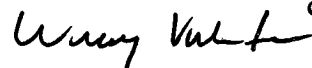
COMMENCED: 07-31-00  
COMPLETED: 08-02-00

SURFACE CASING: 303' OF 8 5/8" CMTD  
W/50 SKS 65:35 "C" POZ + 2% CC + 1/4#/SK  
FLOCELE. TAILED IN W/125 SKS CLASS C  
+ 2% CC + 1/4#/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 303
SANDSTONE	303 - 1116
RED BED	1116 - 1800
GLORIETTA	1800 - 1950
RED BED	1950 - 2590
LIMESTONE & SHALE	2590 - 2905 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

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 3RD DAY OF AUGUST, 2000.

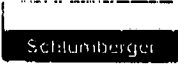
JOLENE K. RUSSELL



NOTARY PUBLIC



ORIGINAL



### Service Authorization

02-Aug-00

**Dowell**

Dowell, A Division of Schlumberger Technology Corp.  
204 S Missouri  
Ulysses, KS

Job Number  
20170706

Important- See other side for terms and conditions

ARRIVE LOCATION	Date	Time
	8/2/00	6:45:00 AM

Invoice Mailing Address:  
LOUIS DREYFUS NATURAL GAS CORP

SYRACUSE, KS 67878  
US

Service Instructions

4 1/2" production casing in 7 7/8" open hole  
350 sk C + 3% D79 + 1/4 pps D29 @ 11.1 ppg  
200 sk C + 2% S1 + 1/4 pps D29 @ 14.8 ppg  
Displace w/ rig water, add 167 ppt M117 to flush (2%)  
Get well name and directions to the next well, let me know

Service Description

Cementing - Cem Prod Casing

Customer PO	Contract
0	0
Well	State/Province
HCU 520-B	KS
Field	
BRADSHAW	

AFE	Rig
0	
Country/Parish/Block	Legal Location
HAMILTON	CHEYENNE B 5-22S-40W
Customer or Authorized Representative	
Darrell Toews	

Dowell will furnish and customer shall purchase materials and services required in the performance of the following service instructions in accordance with the general terms and conditions as printed on the reverse side of this service order and/or attached to this service order.

Comments

Service Order authorizes work to begin as per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attachment to this form and represent that I have authority to accept and sign this order.

Signature of Customer or Authorized Representative

Darrell Toews

Signature of Dowell Representative

Brennon Fice

Thank you for Calling Dowell!

ORIGINAL

**Cementing Service Report**

Schlumberger  
Dowell

Well		Location (Legal)		Dowell Location		Job Name	
MCU 520-8		5-22S-40W		Ulysses, KS		20170705	
Field	Formation Name/Type	Deviation	IR Size	Well MD	Well TVD		
BRADSHAW	CHASE		7.88 in	2,905 ft	2,905 ft		
County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient		
HAMILTON	KS	psi	100 °F	80 °F	psi/ft		
Rig Name	Drilled For	Service Via	Casing/Liner				
CHEYENNE 8	Gas	Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class	Well Type	2905	4.5	10.5		
New		Development					
Drilling Fluid Type	Max. Density	Plastic Viscosity	Tubing/Drill Pipe				
Bentonite	9.8 lb/gal	10 cp	Depth,	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type	Perforations/Open Hole					
Cementing	Cem Prod Casing	0	0	0			
0	0	0	0	0			
Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	Wellhead Connection	Perforations/Open Hole				
2000 psi	psi	4 1/2" HS&M	Top, ft	Bottom, ft	sp/	No. of Shots	Total Interval
Service Instructions							
4 1/2" production casing in 7 7/8" open hole							
350 sk C + 3% D78 + 1/4 pps D29 @ 11.1 ppg							
200 sk C + 2% S1 + 1/4 pps D29 @ 14.8 ppg							
Displace w/ rig water, add 167 ppt M117 to flush (2%)							
Get well name and directions to the next well, let me know							
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job		
Line Pressure:	789 psi	Size Type:	Guide	Squeeze Type:			
Pipe Rotated <input type="checkbox"/>	Pipe Recirculated <input checked="" type="checkbox"/>	Size Depth:	2905 ft	Tool Type:			
No. Connections:	10	Tap Flaps:	1	Bottom Flaps:	0	Stage Tool Type:	Tool Depth:
0	0	0	0	0	0	0 ft	0 ft
Cement Head Type:	Single	Stage Tool Depth:	0 ft	Tail Pipe Size:	0 in	0 ft	0 in
Job Scheduled For:	Arrived on Location:	Leave Location:	Color Type:	Auto-Fill	TM Pipe Depth:	0 ft	0 ft
8/2/00	6:45	8/2/00	13:30	Color Depth:	2858 ft	Spq Total Vol:	0 bbl
Time	Cas/lin	Density	Pressure UV	Flow	Revol Vol	Message	
24 hr clock	MM	PSI	psi	gpm	MM		
10:22	0	0	0	0	0	START ACQUISITION	
10:22	0.	8.36	-4.58	0.	0.		
10:22	0.	8.38	-4.58	0.	0.	Pressure Test Lines	
10:23	0.309	8.36	2376	0.	0.309		
10:23	0.309	8.36	2376	0.	0.309	[Reset Vol]=0 bbl	
10:23	0.309	8.36	2376	0.	0.309	Start Pumping Water	
10:24	0.309	8.36	9.16	0.	0.		
10:25	0.309	8.35	9.16	0.	0.		
10:26	6.17	8.22	357.1	6.18	5.86		
10:26	6.17	8.22	357.1	6.18	5.86	[Reset Vol]=0 bbl	
10:26	6.17	8.22	357.1	6.18	5.86	Start Mixing Lead Slurry	
10:27	12.42	9.41	360.	6.21	1.88		
10:28	18.64	11.07	412.1	6.21	8.11		
10:29	24.87	11.11	384.6	6.21	14.34		
10:30	31.11	11.05	357.1	6.21	20.58		
10:31	37.37	10.99	334.2	6.24	26.83		
10:32	43.62	11.05	315.9	6.21	33.09		
10:33	49.88	11.07	251.8	6.24	39.35		
10:34	56.14	10.99	192.3	6.21	45.61		
10:35	62.42	10.99	169.4	6.21	51.88		
10:36	68.67	11.05	187.7	6.21	58.13		
10:37	74.91	11.89	210.6	6.21	64.37		

Well		Field		Service Date		Customer		Job Number
HCU #S20-B		BRADSHAW				S DREYFUS NATURAL GAS		20170705
Time	Gas/Vol	Density	Pressure UI	Temp	Reset Vol			Message
24 Hr clock	bbl	ppg	psi	°F	bbl			
10:38	81.16	10.77	192.3	6.24	70.63	0	0	
10:39	87.41	11.2	215.2	6.24	76.88	0	0	
10:40	93.66	11.22	224.4	6.21	83.13	0	0	
10:41	99.91	11.25	210.6	6.24	89.37	0	0	
10:42	106.2	11.47	224.4	6.24	95.64	0	0	
10:43	112.4	11.49	219.8	6.24	101.9	0	0	
10:44	118.7	11.59	224.4	6.24	108.1	0	0	
10:45	124.9	11.22	228.9	6.24	114.4	0	0	
10:46	131.2	11.07	219.8	6.21	120.6	0	0	
10:47	137.4	11.09	233.5	6.21	126.9	0	0	
10:48	143.7	11.05	247.3	6.21	133.1	0	0	
10:49	149.9	11.01	242.7	6.21	139.4	0	0	
10:50	156.1	10.93	247.3	6.21	145.6	0	0	
10:51	162.4	11.32	279.3	6.21	151.8	0	0	
10:52	168.6	11.29	279.3	6.18	158.1	0	0	
10:53	174.8	11.25	279.3	6.18	164.3	0	0	
10:54	181.1	11.24	293	6.21	170.5	0	0	
10:55	187.3	11.07	279.3	6.21	176.8	0	0	
10:55	187.3	11.07	279.3	6.21	176.8	0	0	[Reset Vol]=0 bbl
10:55	187.3	11.07	279.3	6.21	176.8	0	0	Start Mding Tail Slurry
10:56	193.6	11.62	247.3	6.24	3.33	0	0	
10:57	199.8	14.37	315.9	6.21	9.58	0	0	
10:58	206	13.52	215.2	6.24	15.8	0	0	
10:59	212.3	15	242.7	6.24	22.08	0	0	
11:00	218.5	14.61	201.5	6.24	28.32	0	0	
11:01	224.8	14.89	210.6	6.24	34.59	0	0	
11:02	231.1	14.74	201.5	6.24	40.85	0	0	
11:03	237.2	13.35	-9.16	2.12	46.99	0	0	
11:04	237.2	12.98	0	0	46.99	0	0	
11:05	240.6	8.8	64.1	4.17	50.32	0	0	
11:06	243.9	8.44	32.05	3.8	53.64	0	0	
11:07	244	8.7	-9.16	0	53.77	0	0	
11:08	244	8.08	-13.74	1.15	53.81	0	0	
11:09	248.3	8.23	32.05	5.68	58.04	0	0	
11:10	254	8.21	32.05	5.7	63.77	0	0	
11:11	259.7	8.18	297.6	5.59	69.45	0	0	
11:12	265.2	8.2	462.5	5.54	75.02	0	0	
11:12	265.2	8.2	462.5	5.54	75.02	0	0	[Reset Vol]=20 bbl
11:12	265.2	8.2	462.5	5.54	75.02	0	0	Drop Top Plug
11:12	265.2	8.2	462.5	5.54	75.02	0	0	Start Displacement
11:12	265.2	8.2	462.5	5.54	75.02	0	0	Returns at Surface
11:13	270.8	8.2	554	5.51	25.22	0	0	
11:14	276.4	8.19	673.1	5.51	30.75	0	0	
11:15	281.9	8.01	792.1	5.45	36.25	0	0	
11:16	286.6	8.01	641	2.26	41.01	0	0	
11:17	288.9	8.03	682.2	2.24	43.29	0	0	
11:18	291.2	8.01	698	2.29	45.55	0	0	

Well			Field			Service Date		Customer	
HCU #520-B			BRADSHAW					S DREYFUS NATURAL GAS	
Time	Control	Density	Pressure (1)	Pump	Pressure (2)			Message	
MM:SS	PSI	PPG	PSI	PSI	PSI				
11:23	292.7	7.98	1384	0.	47.1	0	0	[Reset Vol]=46.5 bbl	
11:24	292.7	7.98	1384	0.	47.1	0	0	Bleed Off Pressure	
11:24	292.7	8.01	457.9	0.	46.5	0	0		
11:25	292.7	8.01	512.8	0.	46.5	0	0		
11:26	292.9	8.18	663.9	0.839	46.64	0	0		
11:27	293.3	8.33	1190	0.	47.1	0	0		
11:28	293.3	8.46	206.	0.	47.1	0	0		
11:29	293.3	8.56	499.1	0.	47.1	0	0		
11:30	293.7	8.61	622.7	0.867	47.46	0	0		
11:31	294.6	8.68	645.6	0.839	48.33	0	0		
11:32	295.4	8.71	689.3	0.867	49.2	0	0		
11:33	295.9	8.71	874.5	0.	49.67	0	0		
11:34	295.9	8.76	595.2	0.	49.67	0	0		
11:34	295.9	8.78	595.2	0.	49.67	0	0	[Reset Vol]=46.5 bbl	
11:35	295.9	8.78	554.	0.	46.5	0	0		
11:36	295.9	8.76	549.5	0.	46.5	0	0		
11:37	295.9	8.78	549.5	0.	46.5	0	0		
11:38	295.9	8.78	644.9	0.	46.5	0	0		
11:39	295.9	8.78	644.9	0.	46.5	0	0		
11:40	295.9	8.78	549.5	0.094	46.5	0	0		
11:41	296.	8.78	888.3	0.	46.58	0	0		
11:42	296.	8.78	792.1	0.	46.58	0	0		
11:43	296.	8.7	686.8	0.	46.58	0	0		
11:44	296.	8.41	595.2	0.	46.58	0	0		
11:45	296.	8.38	526.6	0.	46.58	0	0		
11:46	296.	8.26	526.6	0.	46.58	0	0		
11:47	296.1	8.26	888.3	0.	46.65	0	0		
11:48	296.1	8.23	787.5	0.	46.65	0	0		
11:49	296.1	8.26	691.4	0.	46.65	0	0		
11:50	296.1	8.34	599.8	0.	46.65	0	0		
11:51	296.1	8.41	512.8	0.	46.65	0	0		
11:52	296.1	8.53	490.8	0.	46.65	0	0		
11:53	296.1	8.61	924.9	0.	46.74	0	0		
11:54	296.1	8.66	824.2	0.	46.74	0	0		
11:55	296.1	8.68	723.4	0.	46.74	0	0		
11:56	296.1	8.73	616.1	0.	46.74	0	0		
11:57	296.1	8.74	544.9	0.	46.74	0	0		
11:58	296.1	8.76	462.5	0.	46.74	0	0		
11:59	296.1	8.78	390.	0.	46.74	0	0		
12:00	296.2	8.78	288.5	0.14	46.75	0	0		
12:01	296.3	8.78	911.2	0.	46.87	0	0		
12:02	296.3	8.8	810.4	0.	46.87	0	0		
12:03	296.3	8.78	691.4	0.	46.87	0	0		
12:04	296.3	8.78	609.	0.	46.87	0	0		
12:05	296.3	8.8	526.6	0.	46.87	0	0		
12:06	296.3	8.78	444.1	0.	46.87	0	0		
12:07	296.3	8.78	375.5	0.	46.87	0	0		
12:08	296.3	8.78	311.4	0.	46.87	0	0		
12:09	296.3	8.79	251.8	0.	46.87	0	0		
12:10	296.3	8.77	206.	0.	46.87	0	0		
12:11	296.4	8.34	902.	0.	47.	0	0		
12:12	296.4	8.34	796.7	0.	47.	0	0		
12:13	296.4	8.33	691.4	0.	47.	0	0		
12:14	296.4	8.31	595.2	0.	47.	0	0		

ORIGINAL

Well			Field			Service Date		Customer	Job Number
MCU #520-B			BRADSHAW					S DREYFUS NATURAL GAS	20170706
Time	Count	Density	Pressure (k)	Pump	Reset Val	Message			
Min	Sec	PPG	psi	gpm	MM				
12:15	296.4	8.28	508.2	0.	47.	0	0		
12:16	296.4	8.31	435.	0.	47.	0	0		
12:17	296.4	8.31	381.7	0.	47.	0	0		
12:18	296.5	8.35	929.5	0.196	47.11	0	0		
12:19	296.5	8.26	847.1	0.	47.11	0	0		
12:20	296.5	8.43	746.3	0.	47.11	0	0		
12:21	296.5	8.56	645.6	0.	47.11	0	0		
12:22	296.5	8.61	544.9	0.	47.11	0	0		
12:23	296.6	8.7	467.	0.	47.11	0	0		
12:24	296.5	8.73	389.2	0.	47.11	0	0		
12:25	296.5	8.75	315.9	0.	47.11	0	0		
12:26	296.5	8.75	251.8	0.	47.11	0	0		
12:27	296.5	8.75	205.	0.	47.11	0	0		
12:28	296.7	8.78	984.4	0.	47.25	0	0		
12:29	296.7	8.75	860.8	0.	47.25	0	0		
12:30	296.7	8.77	746.3	0.	47.25	0	0		
12:31	296.7	8.75	636.4	0.	47.25	0	0		
12:32	296.7	8.75	544.9	0.	47.25	0	0		
12:33	296.7	8.78	453.3	0.	47.25	0	0		
12:34	296.7	8.79	375.5	0.	47.25	0	0		
12:35	296.7	8.75	306.8	0.	47.25	0	0		
12:36	296.7	8.75	247.3	0.	47.25	0	0		
12:37	296.7	8.75	196.9	0.	47.25	0	0		
12:38	296.7	8.75	151.1	0.	47.25	0	0		
12:39	296.7	8.78	105.3	0.	47.25	0	0		
12:40	296.7	8.77	82.42	0.	47.25	0	0		
12:41	296.7	8.78	54.95	0.	47.25	0	0		
12:42	296.7	8.79	32.05	0.	47.25	0	0		
12:43	296.7	8.75	22.89	0.	47.25	0	0		
12:44	296.7	8.78	13.74	0.	47.25	0	0		
12:45	296.7	8.77	0.	0.	47.25	0	0		
12:46	296.7	8.75	-4.58	0.	47.25	0	0		
12:47	296.7	8.78	-4.58	0.	47.25	0	0		
12:48	296.7	8.75	-9.16	0.	47.25	0	0		
12:49	296.7	8.75	-9.16	0.	47.25	0	0		
12:50	296.7	8.75	-13.74	0.	47.25	0	0		
12:51	296.7	8.79	-13.74	0.	47.25	0	0		
12:52	296.7	8.75	-13.74	0.	47.25	0	0		
12:53	296.7	8.77	-13.74	0.	47.25	0	0		
12:54	296.7	8.75	-13.74	0.	47.25	0	0		
12:55	296.7	8.75	-13.74	0.	47.25	0	0		
12:56	296.7	8.78	-13.74	0.	47.25	0	0		
12:57	296.7	8.75	-13.74	0.	47.25	0	0		
12:58	296.7	8.75	-18.32	0.	47.25	0	0		



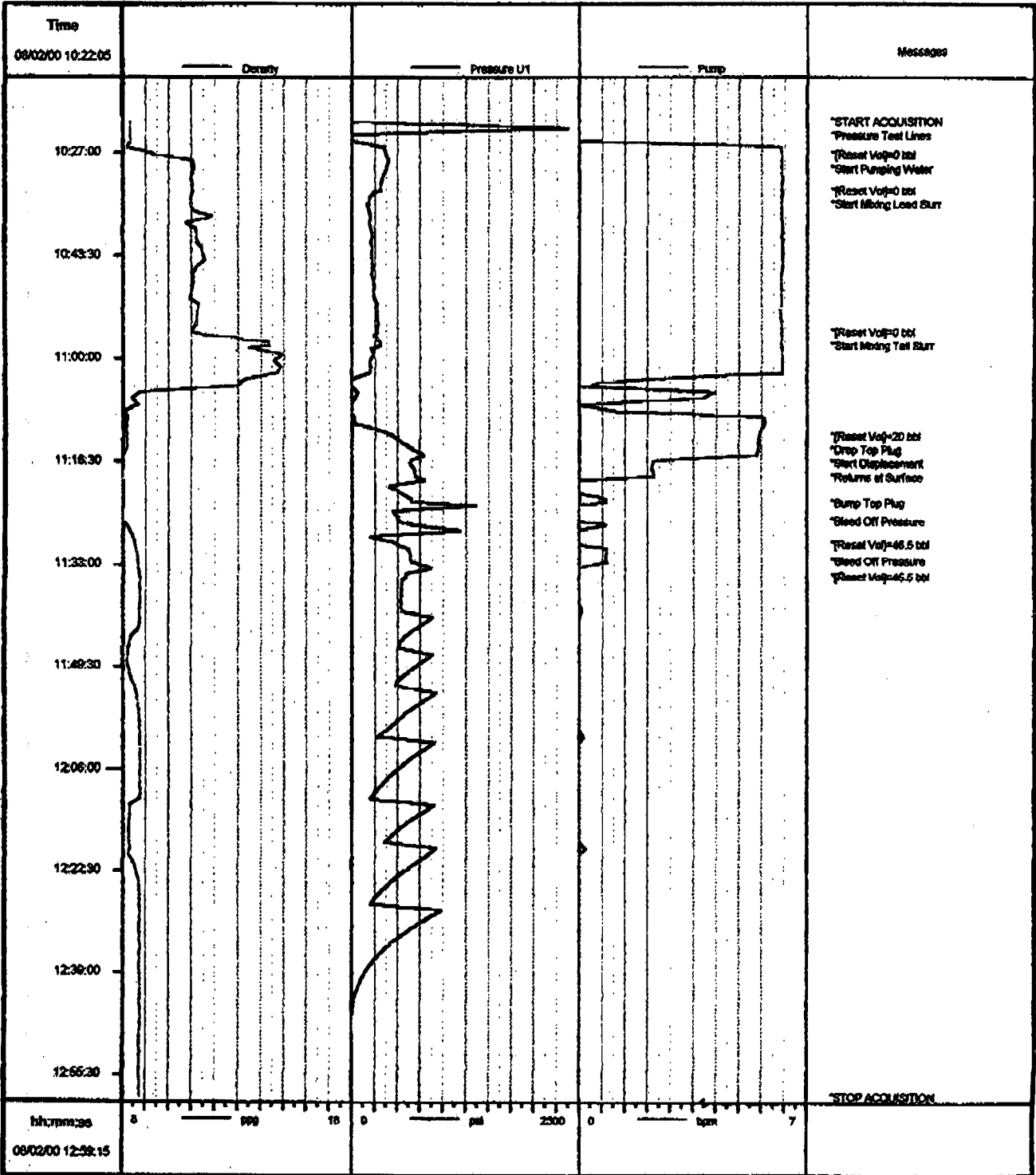
ORIGINAL

Well <b>HCU #S20-B</b>		Field <b>BRADSHAW</b>			Service Date		Customer <b>S DREYFUS NATURAL GAS</b>		Job Number <b>20170705</b>		
Title	Cost/Vol	Density	Pressure (V)	Pump	Relative Vol	Message					
24 hr flow	bbbl	PPG	PSI	bbbl	bbbl						
<b>Post Job Summary</b>											
Average Pump Rates, bpm					Volume of Fluid Injected, bbl						
Slurry	N2	Med	Maximum Rate	Total Slurry	Well	Spacer	N2				
3	0	0	6.2	225	0	10	0				
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Flow	Average	Slump Plug to	Breakdown	Type	Volume	Density				
1405	0	200	1400	0		0 bbl	0 lb/gal				
Avg. N2 Percent	Designed Slurry Volume	Displacement	Well Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume						
0 %	297 bbl	48.5 bbl	75 °F	<input type="checkbox"/> Washed Tools Parts	To	0 ft					
Customer or Authorized Representative <b>Darrell Toews</b>				Dowell Supervisor <b>Brennon Fica</b>				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			

Schlumberger  
In-Down

Cementing Job Report

Well	HCU 520-B	Client	Cheyenne Drilling
Field	Bradshaw	SIR No.	20170706
Country	USA	Job Date	8/2/2000 10:22:05 AM



Mark of Schlumberger