

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  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  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
6/28/01 6/29/01 7/30/01  
Spud Date Date Reached TD Completion Date

API NO. 15 - 075-20748-0000 ORIGINAL

County Hamilton  
SW - NE - NE Sec. 25 Twp. 21S Rge. 42  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 # 2512-C

Field Name Bradshaw  
Producing Formation Chase  
Elevation: Ground 3703' KB 3712'  
Total Depth 2930' PBTD 2879'

Amount of Surface Pipe Set and Cemented at 315'  Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 2930'  
feet depth to Surface w/ 550 sx cmt

Drilling Fluid Management Plan Well 11 1E 21-05  
(Data must be collected from the Reserve Pit)

Chloride content 18400 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. \_\_\_\_\_

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 complied with and the statements herein are true and correct to the best of my knowledge.  
Signature Lenora Sawyer  
Title Regulatory Technician Date 8/3/01

Subscribed and sworn to before me this 3rd day of August, 2001.  
Notary Public Jonnie 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  
KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA \_\_\_\_\_  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

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Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 2512-C

Sec. 25 Twp. 21S Rge. 42  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.)

Name	Top	Datum
Base Anhydrite	2350'	(+1362)
Winfield	2762'	(+ 950)
Fort Riley	2860'	(+ 852)
Total Depth	2930'	(+ 842)

Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:

Gamma Ray / CCL

CHEK CASING

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#	315'	35:65 Poz C	100	6% gel+2%cc+ 1/4# flocele
					Class "C"	125	2%cc+1/4#/sx flocele
Production	8-3/4"	4-1/2"	10.5#	2925'	Class "C"	350	3%D79+0.25pps D29
					Class "C"	200	2%S1+0.25pps D-29

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 spf	2762-2771 & 2773-2777'		1000 gal 50Q 15% HCl Acid Spearhead 5000 gal 65Q WF130 pad	2762- 2777'
			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 2827'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 7/26/01 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil NA	Bbls	Gas 392	Mcf	Water 145	Bbls.	Gas-Oil Ratio NA	Gravity
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Disposition of Gas: METHOD OF COMPLETION Production Interval

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

ORIGINAL

08/02/01 08:49 15802337826 LDNGC ENID 0002/002

ALLIED CEMENTING CO., INC. 7047

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: Ockay

15.075.28749.0000

DATE	6-27-01	SEC.	25	TWP.	21S	RANGE	42W	CALLED OUT	ON LOCATION	8:45 PM	JOB START	JOB FINISH	PM
LEASE	HCU	WELL #	2512-C	LOCATION	Tribune 165-6W-28S-42S				COUNTY	Hamilton	STATE	Kan	
OLD OR NEW	(Circle one)												

CONTRACTOR Mud Fin Dls Co #24  
 TYPE OF JOB Surface  
 HOLE SIZE 19 1/4 T.D. 317'  
 CASING SIZE 8 5/8 DEPTH 317  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 500# MINIMUM  
 MEAS. LINE SHOE JOINT 43.44  
 CEMENT LEFT IN CSG. 43.44  
 PERFS.  
 DISPLACEMENT 17 1/2 BBL

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 125 sks c 28cc-1/2# Flo  
100 sks 6 5/8" per, 6 5/8" c, 28cc-1/2# Flo  
 Class C  
 COMMON 190 sks @ 9.65 1,833.50  
 POZMIX 35 sks @ 3.55 124.25  
 GEL 5 sks @ 10.00 50.00  
 CHLORIDE 5 sks @ 30.00 150.00  
 Flo Seal 56# @ 1.40 78.40

EQUIPMENT  
 PUMP TRUCK CEMENTER Walt  
 # 102 HELPER Wayne  
 BULK TRUCK  
 # 347 DRIVER Jarrod  
 BULK TRUCK  
 # DRIVER

HANDLING 236 sks @ 1.10 259.60  
 MILEAGE 42 per 50 mile 604.16  
 TOTAL 3,079.91

REMARKS:

SERVICE

Cement did Circ ✓  
Plug loaded  
Float held  
W. P. C.

DEPTH OF JOB 317'  
 PUMP TRUCK CHARGE 560.00  
 EXTRA FOOTAGE @  
 MILEAGE 64 miles @ 3.00 192.00  
 PLUG 8 5/8" Surface @ 45.00

TOTAL 797.00

CHARGE TO: Louis Dreyfus Natural Gas Corp

STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

8 5/8  
 1- Guide Shoe @ 215.00  
 1- AFU insert @ 325.00  
 3- Centralizers @ 55.00 -165.00  
 1- Basket @ 180.00  
 1- Limit Clamp @ 23.40

TOTAL 908.40

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 \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME

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15.075.20748.0000

Customer <b>LOUIS DREYFUS NATURAL GAS CORP</b>	Job Number <b>20225429</b>
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Well <b>[HCU 2512-C ]</b>		Location (legal)			Dowell Location <b>Ulysses, KS</b>		Job Start <b>6/30/01</b>			
Field <b>BRADSHAW</b>		Formation Name/Type <b>Chase</b>			Deviation <b>0</b>		BIT Size <b>0 in</b>	Well MD <b>2,930 ft</b>	Well TVD <b>2,930 ft</b>	
County <b>HAMILTON</b>		State/Province <b>KANSAS</b>			BHP <b>0 psi</b>	BHST <b>95 °F</b>	BHCT <b>90 °F</b>	Pore Press. Gradient <b>0 psi/ft</b>		
Rig Name <b>MURFIN 24</b>	Drilled For <b>Gas</b>	Service Via <b>Land</b>			Casing/Liner					
Offshore Zone	Well Class <b>New</b>	Well Type <b>Development</b>			Depth, ft <b>2930</b>	Size, in <b>4.5</b>	Weight, lb/ft <b>10.5</b>	Grade <b>0</b>		
Drilling Fluid Type <b>Spud Mud</b>		Max. Density <b>9 lb/gal</b>	Plastic Viscosity <b>14 cp</b>		Tubing/Drill Pipe					
Service Line <b>Cementing</b>	Job Type <b>Cem Prod Casing</b>			Depth, ft <b>0</b>	Size, in <b>0</b>	Weight, lb/ft <b>0</b>	Grade <b>0</b>			
Max. Allowed Tubing Pressure <b>650 psi</b>	Max. Allowed Ann. Pressure <b>0 psi</b>	Wellhead Connection <b>4 1/2 casing</b>			Perforations/Open Hole					
Service Instructions <b>Safely cement production casing as per customer's request</b>				Top, ft <b>0</b>	Bottom, ft <b>0</b>	spf <b>0</b>	No. of Shots <b>0</b>	Total Interval <b>0 ft</b>		
				Treat Down <b>Casing</b>	Displacement <b>45.9 bbl</b>	Packer Type	Packer Depth <b>0 ft</b>			
				Tubing Vol. <b>0 bbl</b>	Casing Vol. <b>46.5 bbl</b>	Annular Vol. <b>119 bbl</b>	Open Hole Vol <b>0 bbl</b>			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>			Casing Tools		Squeeze Job			
Lift Pressure: <b>1670 psi</b>		Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type: <b>Guide</b>	Squeeze Type		
No. Centralizers: <b>5</b>		Top Plugs: <b>1</b>	Bottom Plugs: <b>0</b>			Shoe Depth: <b>2927 ft</b>	Tool Type:			
Cement Head Type: <b>Single</b>					Stage Tool Type	Tool Depth: <b>0 ft</b>				
Job Scheduled For: <b>6/30/01 1:00</b>		Arrived on Location: <b>6/30/01 1:00</b>	Leave Location: <b>6/30/01 8:30</b>			Stage Tool Depth: <b>0 ft</b>	Tail Pipe Size: <b>0 in</b>			
					Collar Type:	Tail Pipe Depth: <b>0 ft</b>				
					Collar Depth: <b>ft</b>	Sqz Total Vol: <b>0 bbl</b>				
Time	cumvol1 bbl	cumvol2 bbl	Density ppg	Flowrate bpm	micromotion rate bpm	Pressure U1 psi	Message			
6:18	0	0	0	0	0	0	START ACQUISITION			
6:18	0.	0.	-6.25	0.	0.	-3851	Start Job			
6:18	0.	0.	-6.25	0.	0.	-3851	Pressure Test Lines			
6:19	0.	0.	7.74	0.	0.	4.58				
6:19	0.	0.	7.76	0.	0.	9.16				
6:20	0.177	0.	7.75	0.	0.	860.8				
6:20	0.181	0.	7.75	0.	0.	1786				
6:21	0.181	0.	7.75	0.	0.	77.84				
6:21	0.181	0.	7.75	0.	0.	59.52				
6:21	0.181	0.	7.75	0.	0.	59.52	Start Pumping Wash			
6:21	0.181	0.	7.75	0.	0.	59.52	Reset Volume			
6:21	0.181	0.	7.75	0.	0.	59.52	(cumvol2)=0 bbl			
6:22	0.	0.	7.75	0.	0.	59.52				
6:22	1.24	0.	8.41	0.	0.	146.5				
6:23	2.62	0.	8.39	0.	0.	146.5				
6:23	4.	0.	8.32	0.	0.	146.5				
6:24	5.37	0.027	8.33	0.	0.	151.1				
6:24	6.74	0.027	8.27	0.	0.	151.1				
6:25	8.11	0.027	8.19	0.	0.	155.7				
6:25	9.47	0.027	8.2	0.	0.	146.5				
6:26	10.83	0.027	8.14	0.	0.	164.8				

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Well			Field			Service Date		Customer		Job Number
HCU #2512-C			BRADSHAW					S DREYFUS NATURAL GAS		20225429
Time	cumvol1	cumvol2	Density	Flowrate	micromotion rate	Pressure U1		Message		
24 hr clock	bbf	bbf	ppg	bpm	bpm	psi		ORIGINAL		
6:26	12.18	0.027	8.14	0.	0.	160.3	0			
6:27	13.53	0.027	8.16	0.	0.	155.7	0			
6:27	14.88	0.027	8.22	0.	0.	164.8	0			
6:28	16.23	0.027	8.18	0.	0.	146.5	0			
6:28	17.57	0.027	8.1	0.	0.	187.7	0			
6:29	18.92	0.027	8.03	0.	0.	174.	0			
6:29	18.92	0.027	8.03	0.	0.	174.	0		Start Pumping Spacer	
6:29	18.92	0.027	8.03	0.	0.	174.	0		(cumvol2)=2704E-5 bbl	
6:29	18.92	0.027	8.03	0.	0.	174.	0		Reset Volume	
6:29	2.07	1.62	8.09	6.01	6.01	320.5	0			
6:30	5.36	4.73	8.3	6.41	6.41	297.6	0			
6:30	5.36	4.73	8.3	6.41	6.41	297.6	0		Start Mixing Lead Slurry	
6:30	5.36	4.73	8.3	6.41	6.41	297.6	0		Reset Volume	
6:30	5.36	4.73	8.3	6.41	6.41	297.6	0		(cumvol2)=6.344 bbl	
6:30	1.32	1.29	8.25	6.41	6.41	302.2	0			
6:31	4.61	4.43	8.59	5.93	5.93	270.1	0			
6:31	7.9	7.47	11.01	6.25	6.25	357.1	0			
6:32	11.22	10.56	11.17	6.47	6.47	348.	0			
6:32	14.67	13.74	11.33	6.45	6.45	338.8	0			
6:33	18.13	16.98	11.08	6.37	6.37	302.2	0			
6:33	21.59	20.18	11.15	6.49	6.49	270.1	0			
6:34	25.05	23.4	11.15	6.39	6.39	247.3	0			
6:34	28.51	26.62	11.65	5.97	5.97	233.5	0			
6:35	31.99	29.82	11.26	6.51	6.51	169.4	0			
6:35	31.99	29.82	11.26	6.51	6.51	169.4	0		scales 11.2ppg	
6:35	35.47	33.07	11.29	6.39	6.39	169.4	0			
6:36	38.95	36.34	11.31	6.63	6.63	178.6	0			
6:36	42.43	39.64	11.16	6.35	6.35	164.8	0			
6:37	45.9	42.88	11.32	6.37	6.37	174.	0			
6:37	49.38	46.11	11.23	6.27	6.27	174.	0			
6:38	52.86	49.35	11.26	6.37	6.37	169.4	0			
6:38	56.34	52.61	11.03	6.45	6.45	174.	0			
6:39	59.81	55.86	11.16	6.53	6.53	174.	0			
6:39	63.29	59.15	11.3	6.53	6.53	178.6	0			
6:40	66.77	62.37	11.45	6.37	6.37	183.2	0			
6:40	70.24	65.61	11.01	6.51	6.51	164.8	0			
6:41	73.71	68.85	11.45	6.41	6.41	178.6	0			
6:41	77.19	72.15	11.25	6.51	6.51	169.4	0			
6:42	80.66	75.41	11.2	6.43	6.43	174.	0			
6:42	84.13	78.65	11.42	6.77	6.77	174.	0			
6:43	87.6	81.9	11.04	6.61	6.61	164.8	0			
6:43	91.07	85.13	11.02	6.41	6.41	155.7	0			
6:44	94.54	88.36	10.97	6.59	6.59	164.8	0			
6:44	98.01	91.71	11.03	6.57	6.57	164.8	0			
6:45	101.5	94.99	11.57	6.77	6.77	187.7	0			
6:45	104.9	98.24	11.33	6.31	6.31	174.	0			
6:46	108.4	101.5	11.02	6.19	6.19	160.3	0			
6:46	111.9	104.7	11.33	6.53	6.53	169.4	0			
6:47	115.3	108.	11.17	6.43	6.43	155.7	0			
6:47	118.8	111.2	11.24	6.49	6.49	155.7	0			
6:48	122.2	114.5	11.29	6.51	6.51	160.3	0			
6:48	125.7	117.7	11.26	6.21	6.21	146.5	0			
6:49	129.2	121.	11.26	6.49	6.49	146.5	0			
6:49	132.6	124.2	11.25	6.61	6.61	155.7	0			

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Well			Field			Service Date		Customer		Job Number	
HCU #2512-C			BRADSHAW					S DREYFUS NATURAL GAS		20225429	
Time	cumvol1	cumvol2	Density	Flowrate	micromotion rate	Pressure U1		Message			
24 hr clock	bbbl	bbbl	ppg	bpm	bpm	psi		ORIGINAL			
6:50	136.1	127.4	11.06	6.29	6.29	137.4	0				
6:50	139.5	130.7	11.2	6.27	6.27	146.5	0				
6:51	143.	133.9	11.25	6.57	6.57	146.5	0				
6:51	146.4	137.1	11.29	6.05	6.05	151.1	0				
6:52	149.9	140.4	11.02	6.55	6.55	146.5	0				
6:52	153.3	143.7	11.13	6.55	6.55	151.1	0				
6:53	156.8	146.9	11.26	6.43	6.43	151.1	0				
6:53	160.2	150.1	11.26	6.51	6.51	155.7	0				
6:54	163.7	153.4	11.26	6.47	6.47	151.1	0				
6:54	167.1	156.6	11.17	6.55	6.55	151.1	0				
6:55	170.5	159.9	11.28	6.35	6.35	151.1	0				
6:55	174.	163.1	11.16	6.61	6.61	151.1	0				
6:56	177.4	166.4	11.25	6.71	6.71	155.7	0				
6:56	180.9	169.6	11.18	6.49	6.49	141.9	0				
6:57	184.3	172.9	11.17	6.43	6.43	146.5	0				
6:57	187.8	176.2	11.2	6.63	6.63	141.9	0				
6:58	187.8	176.2	11.2	6.63	6.63	141.9	0	Start Mixing Tail Slurry			
6:58	191.3	179.5	10.74	6.55	6.55	137.4	0				
6:58	191.3	179.5	10.74	6.55	6.55	137.4	0	(cumvol2)=179.5 bbl			
6:58	191.3	179.5	10.74	6.55	6.55	137.4	0	Reset Volume			
6:58	3.19	3.	13.1	6.57	6.57	187.7	0				
6:59	6.42	6.13	14.45	6.11	6.11	210.6	0				
6:59	9.61	9.21	14.67	6.11	6.11	215.2	0				
7:00	12.8	12.22	15.04	5.79	5.79	238.1	0				
7:00	15.99	15.3	14.68	6.19	6.19	210.6	0				
7:01	19.19	18.36	15.06	6.47	6.47	228.9	0				
7:01	22.5	21.54	14.68	6.43	6.43	242.7	0				
7:02	25.86	24.76	14.83	6.57	6.57	238.1	0				
7:02	29.23	27.97	14.5	6.31	6.31	224.4	0				
7:03	32.58	31.09	15.07	6.19	6.19	228.9	0				
7:03	35.93	34.22	15.02	6.31	6.31	233.5	0				
7:04	39.29	37.41	14.74	6.29	6.29	215.2	0				
7:04	42.65	40.61	14.84	6.29	6.29	228.9	0				
7:05	46.	43.78	14.93	6.23	6.23	210.6	0				
7:05	48.28	46.17	13.97	0.	0.	-4.58	0				
7:05	48.28	46.17	13.97	0.	0.	-4.58	0	wash to pit			
7:06	48.28	46.17	14.37	0.	0.	-9.16	0				
7:06	48.28	46.17	14.26	0.	0.	-9.16	0				
7:07	48.28	46.17	14.45	0.	0.	-9.16	0				
7:07	48.28	46.17	14.39	0.	0.	-9.16	0				
7:08	48.83	46.67	12.39	3.32	3.32	256.4	0				
7:08	51.24	48.93	10.1	4.7	4.7	247.3	0				
7:09	53.69	51.14	8.64	4.44	4.44	201.5	0				
7:09	56.14	53.41	8.42	4.72	4.72	210.6	0				
7:10	58.63	55.81	8.36	4.84	4.84	233.5	0				
7:10	61.24	58.87	8.23	13.33	13.33	206.	0				
7:11	62.04	62.98	8.2	7.93	7.93	4.58	0	RECEIVED			
7:11	62.04	67.03	8.17	8.21	8.21	13.74	0				
7:12	62.04	71.17	8.15	8.41	8.41	18.32	0	AUG 10 2001			
7:12	62.04	75.35	8.15	8.33	8.33	22.89	0				
7:13	62.04	79.53	8.16	8.31	8.31	18.32	0	KCC WICHITA			
7:13	62.04	83.71	8.15	8.35	8.35	9.16	0				
7:14	62.04	83.71	8.15	8.35	8.35	9.16	0	Drop Top Plug			
7:14	62.04	83.71	8.15	8.35	8.35	9.16	0	Start Displacement			

Well		Field				Service Date		Customer		Job Number
HCU #2512-C		BRADSHAW						3 DREYFUS NATURAL GAS		20225429
Time	cumvol1	cumvol2	Density	Flowrate	micromotion rate	Pressure Lt	Message			
24 hr clock	bbl	bbl	ppg	bpm	bpm	psi	ORIGINAL			
7:14	62.04	83.71	8.15	8.35	8.35	9.16	0	Reset Volume		
7:14	62.04	83.71	8.15	8.35	8.35	9.16	0	(cumvol2)=87.5 bbl		
7:14	0.	0.	8.13	8.33	8.33	9.16	0			
7:14	2.4	4.17	8.11	8.31	8.31	77.84	0			
7:15	5.27	8.38	8.13	8.43	8.43	87.	0			
7:15	8.14	12.56	8.11	8.33	8.33	87.	0			
7:16	11.01	17.21	8.1	10.15	10.15	73.26	0			
7:16	13.87	22.33	8.09	10.31	10.31	54.95	0			
7:17	16.73	27.43	8.1	9.83	9.83	59.52	0			
7:17	19.6	32.55	8.1	10.19	10.19	123.6	0			
7:18	22.46	37.67	8.1	10.29	10.29	206.	0			
7:18	25.32	42.74	8.1	10.13	10.13	283.9	0			
7:19	28.19	47.88	8.11	10.03	10.03	361.7	0			
7:19	31.04	53.	8.07	9.97	9.97	389.2	0			
7:20	33.91	58.08	8.07	10.23	10.23	480.8	0			
7:20	35.67	63.17	8.07	10.11	10.11	425.8	0			
7:21	36.63	67.78	8.09	8.65	8.65	448.7	0			
7:21	37.58	72.03	7.96	8.21	8.21	467.	0			
7:22	38.53	76.17	7.94	8.25	8.25	489.9	0			
7:22	39.49	80.3	7.99	8.23	8.23	512.8	0			
7:23	40.44	84.43	7.93	8.25	8.25	531.1	0			
7:23	41.39	88.57	7.97	8.25	8.25	554.	0			
7:24	42.34	92.72	7.97	8.25	8.25	576.9	0			
7:24	43.29	96.87	7.99	8.29	8.29	604.4	0			
7:25	44.25	101.	7.93	8.17	8.17	627.3	0			
7:25	45.2	105.2	7.94	8.37	8.37	645.6	0			
7:26	45.95	109.1	8.07	4.14	4.14	1117	0			
7:26	45.95	111.	8.31	3.82	3.82	1081	0			
7:27	45.95	111.	8.31	3.82	3.82	1081	0	Bump Top Plug		
7:27	45.95	112.9	8.32	3.82	3.82	920.3	0			
7:27	45.95	112.9	8.32	3.82	3.82	920.3	0	Bleed Off Pressure		
7:27	45.95	114.8	8.32	3.84	3.84	4.58	0			
7:28	45.95	114.8	8.32	3.84	3.84	4.58	0	End Displacement		
7:28	45.95	116.7	8.33	3.84	3.84	9.16	0			

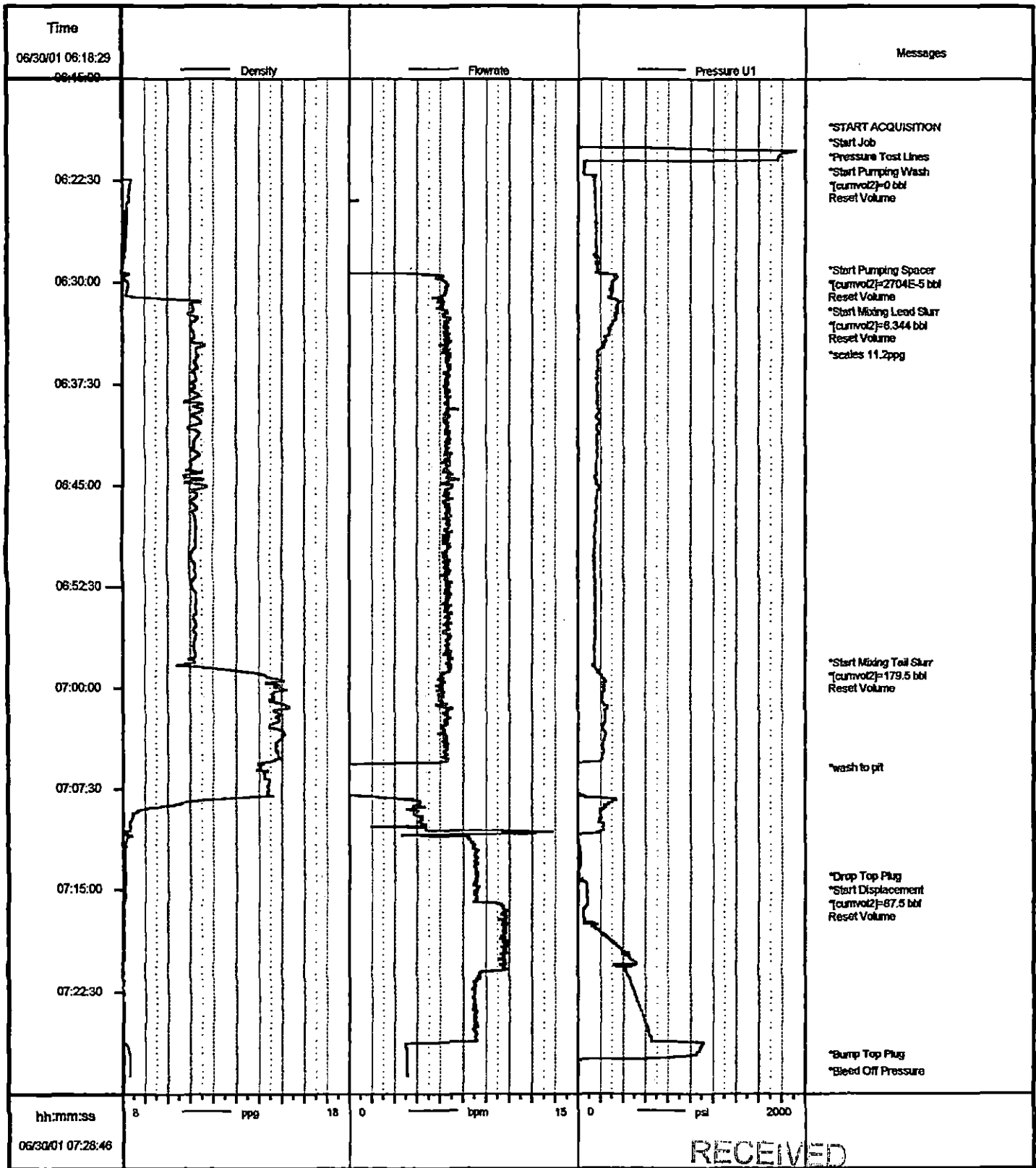
**Post Job Summary**

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5	0	0	7	239	0	35	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
1150	1150	250	1150	0		0 bbl	0 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 18 bbl <input type="checkbox"/> Washed Thru Perfs To 0 ft		
0 %	236 bbl		45.9 bbl	°F			
Customer or Authorized Representative			Dowell Supervisor		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		
Darrell Toews			Jose Camargo				

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ORIGINAL

Well	HCU 25-12C	Client	Louis Dreyfus Natural Ga
Field	Bradshaw	SIR No.	20225429
Country		Job Date	6/30/2001 6:18:29 AM



Job: louisgaire  
06/30/2001 07:35:02

hh:mm:ss  
06/30/01 07:28:46

\* Mark of Schlumberger

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AUG 10 2001

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