

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  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
 8/14/00 8/16/00 9/13/00  
 Spud Date Date Reached TD Completion Date

API NO. 15 - 075-20724 -00-00 ORIGINAL  
 County Hamilton  
 - SE - NW - NW Sec. 13 Twp. 23S Rge. 41  E

1250' Feet from S /  (circle one) Line of Section  
1250' Feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE SE  NW or SW (circle one)  
 Lease Name HCU Well # 1331-C  
 Field Name Bradshaw  
 Producing Formation Chase  
 Elevation: Ground 3407' KB 3412'  
 Total Depth 2808' PBSD 2763'  
 Amount of Surface Pipe Set and Cemented at 308' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 2803'  
 feet depth to Surface w/ 525 sx cmt

Drilling Fluid Management Plan Alt II KJR 7/09/07  
 (Data must be collected from the Reserve Pit)  
 Chloride content 92000 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.

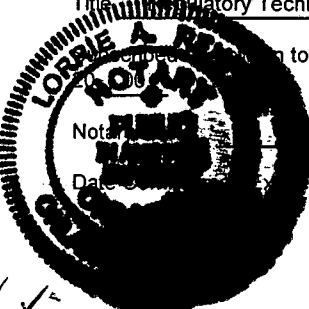
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully compiled with and the statements herein are complete and correct to the best of my knowledge.

Signature Lenora Sawyer  
 Title Regulatory Technician Date 9/13/00

Noted to before me this 13th day of September  
Samie A. Renfro  
 Date 9-01-01

RECEIVED  
 SEP 18 2000

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



Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 1331-C  
 Sec. 13 Twp. 23S Rge. 41  East  West  
 County Hamilton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  Log Formation (Top), Depth and Datum  Sample  
 (Attach Additional Sheets.) Name Top Datum  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No SEE ATTACHED DRILLER'S LOG  
 Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 Scintillation Gamma Ray

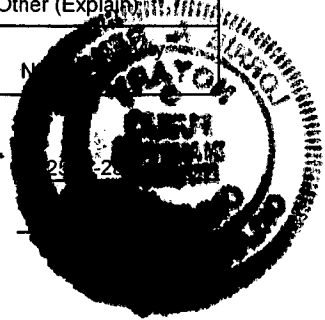
CASING RECORD							
<input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	308'	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#	2803'	Cl "C"	325	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	PERFORATON 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	2518-2528'		Frac w/1000 gal 50Q 15% HCl acid + 16000 gal 65Q WF130 + 16000# 12/20 Brady sand + 16000# 12/20 resin coated sand	

TUBING RECORD			Size	Set At	Packer At	Liner Run
			2-3/8"	2572'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 9/1/00			Producing Method <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 NA Bbls	Gas 288 Mcf	Water 155 Bbls.	Gas-Oil Ratio		

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If Vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_



DRILLER'S LOG

LOUIS DREYFUS NATURAL GAS CORP  
HCU 1331  
SECTION 13-T23S-R41W  
HAMILTON COUNTY, KANSAS

COMMENCED: 08-14-00  
COMPLETED: 08-16-00

SURFACE CASING: 308' 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

FORMATION	DEPTH
SURFACE HOLE	0 - 308
RED BED	308 - 1442
GLORIETTA	1442 - 1707
RED BED	1707 - 2673
LIMESTONE & SHALE	2673 - 2808 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

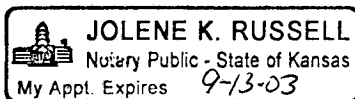
CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 18TH DAY OF AUGUST, 2000.

JOLENE K. RUSSELL

  
NOTARY PUBLIC

RECEIVED  
STATE CORPORATION COMMISSION

SEP 18 2000

CONSERVATION DIVISION  
Topeka, Kansas

ORIGINAL

Schlumberger  
Dowell

# Cementing Service Report

Customer: CHEYENNE DRILLING Job Number: 20171793

Well: HCU 1331-C		Location (legal): 34-23S-41W		Dowell Location: Ulysses, KS		Job Start: 8/14/00	
Field: BRADSHAW		Formation Name/Type: Surface		Deviation: 0		Well MD: 308 ft	
County: HAMILTON		State/Province: KS		BHP: 0 psi		Well TVD: 308 ft	
Rig Name: CHEYENNE 8		Drilled For: Gas		Service Via: Land		Bore Press. Gradient: 0 psi/ft	
Offshore Zone:		Well Class: New		Well Type: Development		Casing/Liner	
Drilling Fluid Type: Bentonite		Max. Density: 9 lb/gal		Plastic Viscosity: 21 cp		Tubing/Drill Pipe	
Service Line: Cementing		Job Type: Cem Surface Casing		WellHead Connection: Single cement head		Perforations/Open Hole	
Max. Allowed Tubing Pressure: 500 psi		Max. Allowed Ann. Pressure: 0 psi		WellHead Connection: Single cement head		Perforations/Open Hole	
Service Instructions: 5/8" surface @ approx 325' in 12 1/4" hole 50 sk lead @ 12.3 ppg 125 sk tail @ 14.8 ppg Turnkey surface casing for LDNG						Perforations/Open Hole	

Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure: 200 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Other	
No. Centralizers: 3		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 308 ft	
Cement Head Type: Single		Arrived on Location: 8/14/00 14:00		Leave Location: 8/14/00 18:00		Stage Tool Type	
Job Scheduled For:						Stage Tool Depth: 0 ft	
						Collar Type: Auto-Fill	
						Collar Depth: 258 ft	

Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Message	
24 hr clock	bbbl	ppg	psi	bpm	bbbl		
16:44	0	0	0	0	0	0	START ACQUISITION
16:44	0	0	0	0	0	0	START PLAYBACK
16:45	1.45	8.23	45.79	3.91	1.45	0	
16:45	3.42	8.23	32.05	3.91	3.42	0	
16:46	3.42	8.23	32.05	3.91	3.42	0	[CumVol]=5.25
16:46	3.42	8.23	32.05	3.91	3.42	0	Reset Volume
16:46	0.065	10.66	0.	3.89	5.38	0	
16:46	2.03	12.79	36.63	3.91	7.34	0	
16:46	2.03	12.79	36.63	3.91	7.34	0	Start Mixing Lead Slurry
16:47	3.99	12.29	59.52	3.91	9.31	0	
16:47	5.96	13.45	109.9	3.91	11.27	0	
16:48	7.93	12.1	100.7	3.89	13.24	0	
16:48	9.89	13.46	91.58	3.91	15.21	0	
16:49	11.85	13.52	119.	3.89	17.17	0	
16:49	13.82	12.06	105.3	3.89	19.13	0	
16:50	15.78	12.23	87.	3.91	21.1	0	
16:50	15.78	12.23	87.	3.91	21.1	0	[CumVol]=16.04
16:50	15.78	12.23	87.	3.91	21.1	0	Reset Volume
16:50	15.78	12.23	87.	3.91	21.1	0	End Lead Slurry
16:50	15.78	12.23	87.	3.91	21.1	0	Start Mixing Tail Slurry
16:50	1.64	14.2	137.4	3.89	23.06	0	
16:51	3.6	15.48	201.5	3.91	25.03	0	

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STATE APPROPRIATION COMMISSION  
SEP 18 2000

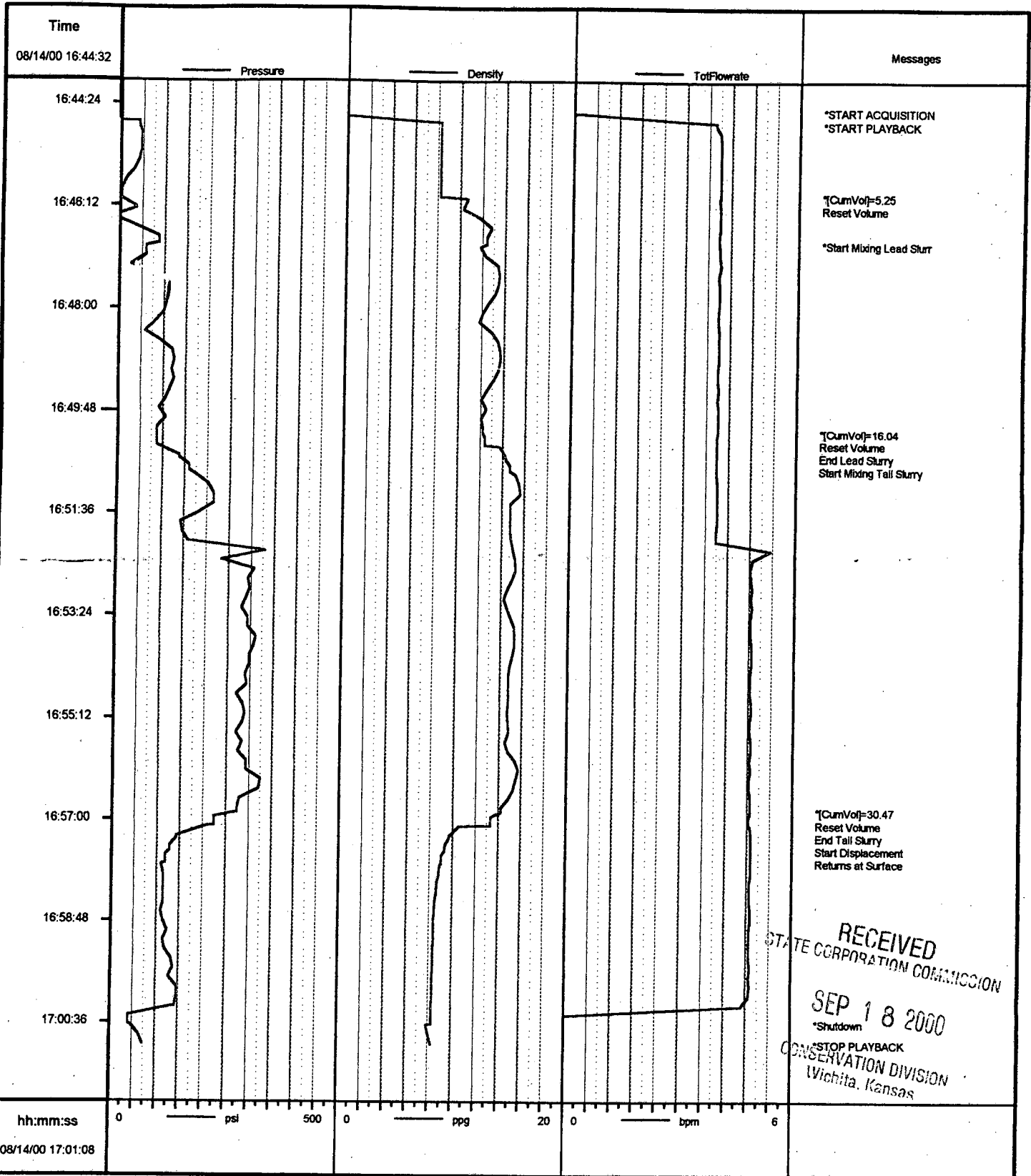
Well		Field				Service Date		Customer		Job Number	
HCU #1331-C		BRADSHAW						CHEYENNE DRILLING		20171793	
Time	CumVol	Density	Pressure	TotFlowrate	TotVol	Message					
24 hr clock	bbl	ppg	psi	bpm	bbl						
16:51	5.57	14.74	183.2	3.91	27.	0	0				
16:52	7.54	14.86	160.3	3.89	28.96	0	0				
16:52	9.85	15.29	306.8	4.81	31.27	0	0				
16:53	12.29	14.26	288.5	4.84	33.71	0	0				
16:53	14.72	15.19	293.	4.84	36.15	0	0				
16:54	17.16	15.07	297.6	4.87	38.58	0	0				
16:54	19.59	14.74	293.	4.84	41.01	0	0				
16:55	22.03	14.68	288.5	4.87	43.45	0	0				
16:55	24.47	14.52	283.9	4.87	45.89	0	0				
16:56	26.9	15.7	293.	4.87	48.33	0	0				
16:56	29.34	14.86	279.3	4.87	50.76	0	0				
16:56	29.34	14.86	279.3	4.87	50.76	0	0	[CumVol]=30.47			
16:56	29.34	14.86	279.3	4.87	50.76	0	0	Reset Volume			
16:56	29.34	14.86	279.3	4.87	50.76	0	0	End Tail Slurry			
16:57	29.34	14.86	279.3	4.87	50.76	0	0	Start Displacement			
16:57	1.22	10.55	206.	4.87	53.2	0	0				
16:57	1.22	10.55	206.	4.87	53.2	0	0	Returns at Surface			
16:57	3.67	9.	119.	4.89	55.65	0	0				
16:58	6.13	8.64	114.5	4.87	58.1	0	0				
16:58	8.58	8.46	109.9	4.89	60.56	0	0				
16:59	11.04	8.39	114.5	4.87	63.02	0	0				
16:59	13.49	8.34	137.4	4.89	65.47	0	0				
17:00	15.94	8.3	146.5	4.87	67.92	0	0				
17:00	15.94	8.3	146.5	4.87	67.92	0	0	Shutdown			
17:00	16.84	7.82	45.79	0.	68.81	0	0				
17:01	16.84	7.82	45.79	0.	68.81	0	0	STOP PLAYBACK			

Post Job Summary									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4	0	0	5	50	0	5	0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
350	0	100	0	0		0 bbl	0 lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp						
0 %	0 bbl	16.5 bbl	°F						
Customer or Authorized Representative			Dowell Supervisor			<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			
Domaso Castillo			Jeffrey Dutton						

**RECEIVED**  
 STATE CORPORATION COMMISSION  
 SEP 18 2000  
 REGULATION DIVISION

Well	HCU 1331 - C	Client	Cheyenne Drilling
Field	Bradshaw	SIR No.	20171793
Country	USA	Job Date	8/14/2000 4:44:32 PM



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STATE CORPORATION COMMISSION  
SEP 18 2000  
\*Shutdown  
\*STOP PLAYBACK  
CONSERVATION DIVISION  
Wichita, Kansas

Job: chy1793 (PLAYBACK)  
08/14/2000 17:04:52

\* Mark of Schlumberger

# Cementing Service Report

Schlumberger  
Dowell

Customer: LOUIS DREYFUS NATURAL GAS CORP  
Job Number: 20171803

Well: HCU 1331-c		Location (legal): 13-23s-41w		Dowell Location: Ulysses, KS		Job Start: 8/16/00	
Field: BRADSHAW		Formation Name/Type: CHASE		Deviation: 0		Well TVD: 2,808 ft	
County: HAMILTON		State/Province: KS		BHP: psi		Well MID: 2,808 ft	
Rig Name: CHEYENNE 8		Drilled For: Gas		Service Via: Land		Well TVD: 2,808 ft	
Offshore Zone:		Well Class: New		Well Type: Development		Pore Press. Gradient: psi/ft	
Drilling Fluid Type: Bentonite		Max. Density: 9.7 lb/gal		Plastic Viscosity: 12 cp		Casing/Liner	
Service Line: Cementing		Job Type: Cem Prod Casing		Depth, ft: 2809		Size, in: 4.5	
Max. Allowed Tubing Pressure: 2000 psi		Max. Allowed Ann. Pressure: psi		WellHead Connection: 4 1/2" HS&M		Weight, lb/ft: 10.5	
Service Instructions: 4 1/2" production casing in 7 7/8" open hole 325 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						Grade: 8rd	
						Thread: 8rd	
						Tubing/Drill Pipe	
						Depth, ft: 0	
						Size, in: 0	
						Weight, lb/ft: 0	
						Grade: 0	
						Thread: 0	
						Perforations/Open Hole	
						Top, ft: 0	
						Bottom, ft: 0	
						spf: 0	
						No. of Shots: 0	
						Total Interval: 0 ft	
						Diameter: 0 in	
						Treat Down: Casing	
						Displacement: 44 bbl	
						Packer Type: None	
						Packer Depth: 0 ft	
						Tubing Vol.: 0 bbl	
						Casing Vol.: 44.6 bbl	
						Annular Vol.: 114 bbl	
						Open Hole Vol.: 0 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure: 780 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Type: Guide	
No. Centralizers: 10		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 2803 ft	
Cement Head Type: Single		Job Scheduled For: 8/16/00 6:00		Arrived on Location: 8/16/00 6:00		Leave Location: 8/16/00 9:30	
						Stage Tool Type: 0 ft	
						Tool Depth: 0 ft	
						Stage Tool Depth: 0 ft	
						Tail Pipe Size: 0 in	
						Collar Type: Auto-Fill	
						Tail Pipe Depth: 0 ft	
						Collar Depth: 2773 ft	
						Sqz Total Vol: 0 bbl	

Time	Cum Vol	Density	Pressure Uf	Pump	Reset Vol	Message	
24 hr clock	bbl	ppg	psi	bpm	bbl		
7:37	0	0	0	0	0	0	START ACQUISITION
7:37	0.	8.41	0.	0.	0.	0	
7:38	0.	8.41	0.	0.	0.	0	Pressure Test Lines
7:38	0.	8.4	0.	0.	0.	0	
7:39	0.301	8.23	1172	0.	0.301	0	
7:40	0.313	8.41	32.05	0.	0.313	0	
7:40	0.313	8.41	32.05	0.	0.313	0	Start Pumping Water
7:41	3.51	8.16	238.1	6.1	3.51	0	
7:42	9.71	8.36	251.8	6.21	9.71	0	
7:43	9.71	8.36	251.8	6.21	9.71	0	Start Mixing Lead Slurry
7:43	9.71	8.36	251.8	6.21	9.71	0	[Reset Vol]=0 bbl
7:43	15.92	10.54	306.8	6.18	1.45	0	
7:44	15.92	10.54	306.8	6.18	1.45	0	[Reset Vol]=8 bbl [VFD]
7:44	22.16	11.76	302.2	6.24	11.23	0	
7:45	28.42	11.37	261.	6.21	17.49	0	
7:46	34.68	11.36	228.9	6.24	23.75	0	SEP 18 2000
7:47	40.94	11.24	183.2	6.24	30.01	0	
7:48	47.21	11.22	155.7	6.24	36.28	0	CONSERVATION DIVISION
7:49	53.47	11.4	155.7	6.24	42.54	0	
7:50	59.73	11.26	151.1	6.21	48.8	0	
7:51	65.99	10.9	141.9	6.24	55.06	0	
7:52	72.26	11.06	146.5	6.21	61.33	0	

Well		Field				Service Date		Customer		Job Number	
HCU #1331-c		BRADSHAW						S DREYFUS NATURAL GAS		20171803	
Time	CanVol	Density	Pressure U1	Pump	Reset Vol			Message			
24 hr clock	bbl	ppg	psi	bpm	bbl						
7:53	78.52	11.14	141.9	6.24	67.58	0	0				
7:54	84.77	11.06	141.9	6.21	73.84	0	0				
7:55	91.02	11.21	141.9	6.21	80.09	0	0				
7:56	97.29	10.93	137.4	6.21	86.36	0	0				
7:57	103.5	12.72	183.2	6.21	92.61	0	0				
7:58	109.8	10.22	123.6	6.26	98.86	0	0				
7:59	116.1	9.73	100.7	6.24	105.1	0	0				
8:00	122.3	11.09	137.4	6.21	111.4	0	0				
8:01	128.6	11.37	146.5	6.24	117.6	0	0				
8:02	134.8	10.93	137.4	6.24	123.9	0	0				
8:03	141.1	11.47	151.1	6.21	130.1	0	0				
8:04	147.3	11.	137.4	6.24	136.4	0	0				
8:05	153.6	11.14	141.9	6.24	142.7	0	0				
8:06	159.8	11.12	141.9	6.21	148.9	0	0				
8:07	166.1	11.02	137.4	6.24	155.2	0	0				
8:08	172.4	11.28	141.9	6.24	161.4	0	0				
8:09	178.6	11.29	146.5	6.24	167.7	0	0				
8:10	184.9	11.14	132.8	6.26	174.	0	0				
8:11	184.9	11.14	132.8	6.26	174.	0	0	Start Mixing Tail Slurry			
8:11	191.2	13.39	192.3	6.24	180.2	0	0				
8:12	191.2	13.39	192.3	6.24	180.2	0	0	[Reset Vol]=4 bbl			
8:12	195.7	16.33	215.2	4.25	8.17	0	0				
8:13	201.6	14.76	219.8	5.93	14.08	0	0				
8:14	207.6	14.62	206.	5.9	20.02	0	0				
8:15	213.5	14.72	201.5	5.93	25.96	0	0				
8:16	219.3	15.01	201.5	5.62	31.69	0	0				
8:18	224.9	14.62	178.6	5.65	37.33	0	0				
8:19	230.5	14.9	174.	5.56	42.98	0	0				
8:19	230.5	14.9	174.	5.56	42.98	0	0	Returns at Surface			
8:20	232.4	11.88	4.58	0.	44.79	0	0				
8:21	237.9	8.61	201.5	6.24	50.33	0	0				
8:21	237.9	8.61	201.5	6.24	50.33	0	0	Drop Top Plug			
8:21	237.9	8.61	201.5	6.24	50.33	0	0	[Reset Vol]=0 bbl			
8:22	240.1	8.58	64.1	0.	0.	0	0				
8:23	241.9	8.53	73.26	6.12	1.78	0	0				
8:24	242.5	8.46	-18.32	0.	2.37	0	0				
8:25	243.7	8.73	22.89	3.44	3.56	0	0				
8:26	245.	8.73	-22.89	0.	4.87	0	0				
8:27	245.	8.78	-9.16	0.	4.87	0	0				
8:28	245.	8.53	-9.16	0.	4.87	0	0				
8:29	247.9	8.33	18.32	4.28	7.72	0	0				
8:29	247.9	8.33	18.32	4.28	7.72	0	0	Start Displacement			
8:30	252.2	8.26	91.58	4.28	12.01	0	0				
8:31	256.4	8.24	192.3	4.25	16.3	0	0				
8:32	260.7	8.23	288.5	4.25	20.58	0	0				
8:33	265.	8.16	375.5	4.25	24.86	0	0				
8:34	269.3	8.2	485.3	4.25	29.12	0	0				
8:35	273.5	8.16	576.9	4.22	33.38	0	0				
8:36	277.8	8.04	673.1	4.22	37.63	0	0				
8:37	280.5	8.05	686.8	2.38	40.31	0	0				
8:38	282.6	8.14	696.	2.1	42.49	0	0				
8:39	283.8	5.71	1712	0.	43.71	0	0				
8:39	283.8	5.71	1712	0.	43.71	0	0	Bump Top Plug			
8:39	283.8	5.71	1712	0.	43.71	0	0	Bleed Off Pressure			

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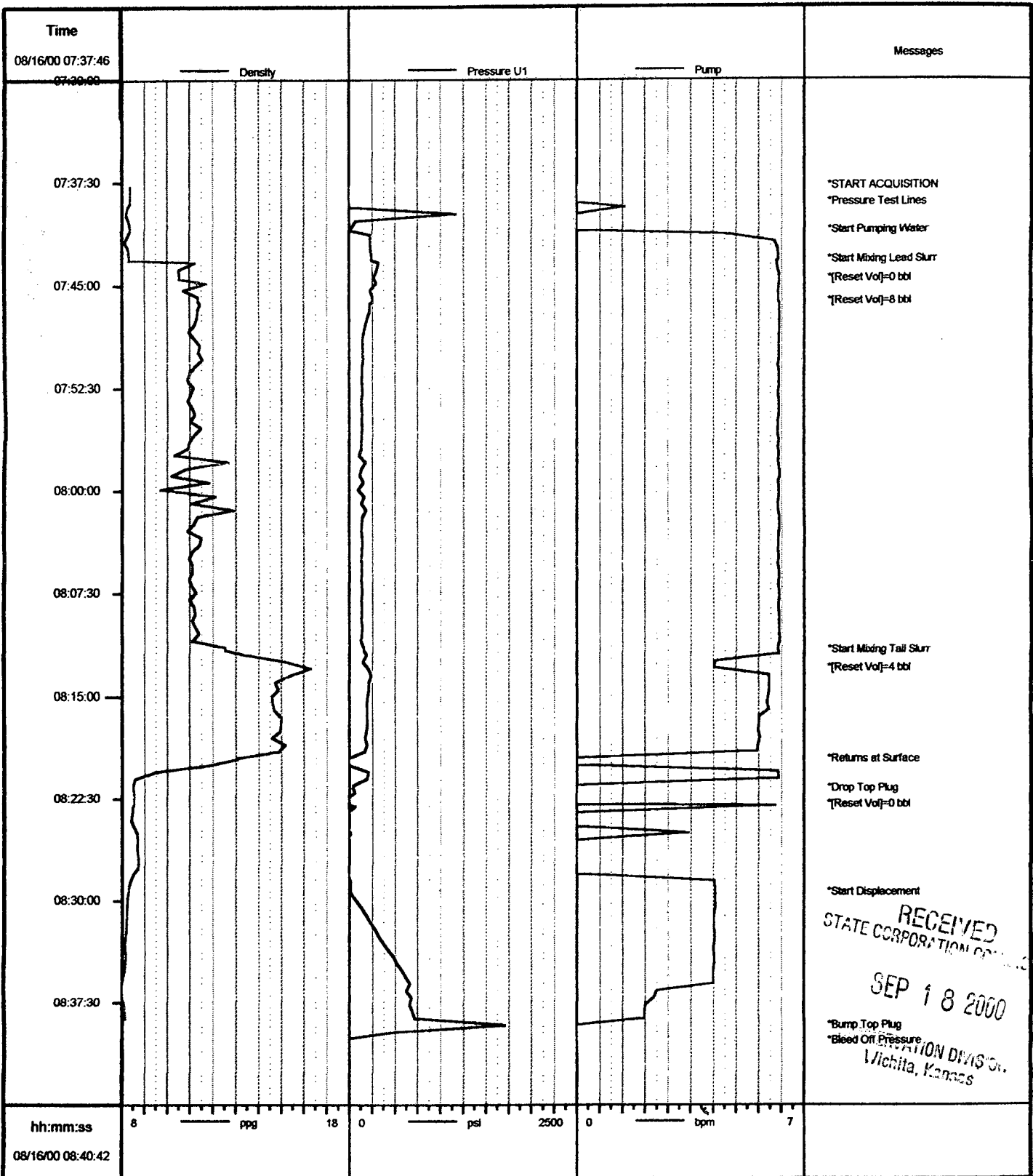


ORIGINAL

Well HCU #1331-c		Field BRADSHAW		Service Date		Customer S DREYFUS NATURAL GAS		Job Number 20171803	
Time 24 hr clock	ConVol bbl	Density PPG	Pressure U1 psi	Pump bpm	Reset Vol bbl	Message			
8:40	283.8	5.	-9.16	0.	43.71	0	0		
<b>Post Job Summary</b>									
Average Pump Rates, bpm					Volume of Fluid Injected, bbl				
Slurry	N2	Med	Maximum Rate		Total Slurry	Med	Spacer	N2	
5	0	0	6.2		227.5	0	10	0	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density	
1717	0	200	1717	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		45 bbl	
0 %	284 bbl		43.7 bbl	75 °F	<input type="checkbox"/> Washed Thru Perfs	To	0 ft		
Customer or Authorized Representative Darrell Toews			Dowell Supervisor Brennon Fica			<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed	

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Wichita, Kansas

<b>Well</b> HCU 1331-E	<b>Client</b> Louis Dreyfus
<b>Field</b> Bradshaw	<b>SIR No.</b> 20171803
<b>Country</b> USA	<b>Job Date</b> 8/16/2000 7:37:46 AM



Job Ids 1803  
08/16/2000 08:54:27