

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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
6/23/01 6/25/01 7/23/01
Spud Date Date Reached TD Completion Date

API NO. 15 - 075-20749-0000
County Hamilton
- SW - NE - NE Sec. 17 Twp. 21S Rge. 41 X W
1250' Feet from S / N (circle one) Line of Section
1250' Feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE SE NW or SW (circle one)
Lease Name HCU Well # 1711-C
Field Name Bradshaw

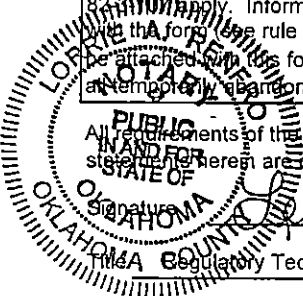
Producing Formation Chase
Elevation: Ground 3661' KB 3670'
Total Depth 2920' PBTB 2869'

Amount of Surface Pipe Set and Cemented at 304' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2917'
feet depth to Surface w/ 550 sx cmt

Drilling Fluid Management Plan ALT 2 gfd 8/20/01
(Data must be collected from the Reserve Pit)
Chloride content 12000 ppm Fluid volume 800 bbls

Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name 7-30-01
Lease Name 1111 30 2001 License No. _____
Quarter Sec. Twp S Rng. E / W
County Hamilton Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CD-4 form with all plugged wells. Submit CP-111 with all temporarily abandoned wells.



All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully compiled with and the statements herein are complete and correct to the best of my knowledge.
Signature Lenora Sawyer
Title Regulatory Technician Date 7/27/01

Subscribed and sworn to before me this 27th day of July, 2001.
Notary Public Janice A. Renfro
Date Commission Expires 9-01-01

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

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 1711-C

Sec. 17 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.)

Name	Top	Datum
Base Anhydrite	2360'	(+1310)
Winfield	2758'	(+ 912)
Fort Riley	2856'	(+ 814)
Total Depth	2920'	(+ 770)

List All E.Logs Run:

- Micro Resistivity Log
- Compensated Neutron-Compensated Photo-Density
- Array Induction-Shallow Focused Electric Log

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	304'	35:65 Poz C	100	5% gel+2%cc+ 1/4# flocele
					Class "C"	125	2%cc+1/4#/sx flocele
Production	8-3/4"	4-1/2"	10.5#	2915'	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Materials Used)	
		Depth	
2 spf	2760-2767'	1000 gal 50Q 15% HCl Acid Spearhead 5000 gal 65Q WF130 pad	2760- 2767'
		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 2831' Packer At NA Liner Run Yes No

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

Estimated Production Per 24 Hours Oil NA Bbls Gas 179 Mcf Water 50 Bbls. Gas-Oil Ratio NA Gravity

Disposition of Gas: _____ METHOD OF COMPLETION _____ Production Interval 2760-2767'

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

15-075.20749-0000

ALLIED CEMENTING CO., INC.

6969

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
OAKLEY

ORIGINAL

DATE <u>6-23-01</u>	SEC. <u>17</u>	TWP. <u>21S</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>8:30 PM</u>	JOB START <u>11:15 AM</u>	JOB FINISH <u>11:45 PM</u>
LEASE <u>HCU</u>	WELL # <u>1711-C</u>	LOCATION <u>Tribune 165-41W-21S-1711-C</u>			COUNTY <u>Hamilton</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>MURPHY DRUG REC # 24</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	CEMENT
HOLE SIZE <u>12 1/4"</u>	T.D. <u>307'</u>
CASING SIZE <u>8 7/8"</u>	DEPTH <u>307'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>700 PSI</u>	MINIMUM <u>200 PSI</u>
MEAS. LINE	SHOE JOINT <u>43.24"</u>
CEMENT LEFT IN CSG. <u>43.24"</u>	
PERFS.	
DISPLACEMENT <u>16 3/4 GAL.</u>	

EQUIPMENT	
PUMP TRUCK # <u>300</u>	CEMENTER <u>TERRY</u>
BULK TRUCK # <u>347</u>	HELPER <u>WAYNE</u>
BULK TRUCK #	DRIVER <u>LONNIE</u>
BULK TRUCK #	DRIVER

AMOUNT ORDERED <u>125 SKS C 1/4" FLO-SEAL 2</u>	
<u>100 SKS LITE "C" 2" OCC 1/4" FLO-SEAL</u>	
<u>Class "C" 190 SKS @ 9.65</u>	<u>1833.50</u>
<u>POZMIX 35 SKS @ 3.58</u>	<u>124.30</u>
<u>GEL 5 SKS @ 10.00</u>	<u>50.00</u>
<u>CHLORIDE 5 SKS @ 30.00</u>	<u>150.00</u>
<u>FLO-SEAL 56" @ 1.50</u>	<u>84.00</u>
<u>HANDLING 236 SKS @ 1.10</u>	<u>259.60</u>
<u>MILEAGE ONE PER BK / MISC</u>	<u>604.00</u>
	TOTAL <u>3099.90</u>

REMARKS: SERVICE

<u>CEMENT NEW CIRC. (19 Hls surface)</u>	DEPTH OF JOB <u>307</u>
<u>Plug LONNIE</u>	PUMP TRUCK CHARGE <u>560.00</u>
<u>Float VELD</u>	EXTRA FOOTAGE 7' @ <u>4.50</u>
<u>Thank You</u>	MILEAGE <u>64 MI @ 3.00</u>
	PLUG <u>8 7/8" SURFACE @ 45.00</u>
	TOTAL <u>800.00</u>

CHARGE TO: LOUIS DREYFUS NATURAL GAS CORP.
STREET _____
CITY _____ STATE _____ ZIP _____
KANSAS CORPORATION NO. _____

FLOAT EQUIPMENT	
<u>1- Guide SHOE @ 2.15</u>	<u>2.15</u>
<u>1- AF4 INSERT @ 3.25</u>	<u>3.25</u>
<u>3- CENTRALIZERS @ 55.00</u>	<u>165.00</u>
<u>1- BASKET @ 1.80</u>	<u>1.80</u>
<u>1- LOC RING @ 23.40</u>	<u>23.40</u>
	TOTAL <u>908.40</u>

To Allied Cementing Co., Inc. 411 300 2001
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 908.40
DISCOUNT 100.00 IF PAID IN 30 DAYS
AFTER 10/1/01
Darryl Toews
PRINTED NAME

SIGNATURE [Signature]

Customer: LOUIS DREYFUS NATURAL GAS CORP Job Number: 20224833

Well: HCU 17-11C		Location (legal): Ulysses, KS		Dowell Location: Ulysses, KS		Job Start: 6/26/01	
Field: Bradshaw		Formation Name/Type: Chase		Deviation: 0		Well MD: 2,920 ft	
County: HAMILTON		State/Province: KANSAS		Bit Size: 0 in		Well TVD: 2,920 ft	
Rig Name: MURFIN 24		Service Via: Land		BHP: 0 psi		BHST: 95 °F	
Offshore Zone:		Well Type: New Development		BHCT: 90 °F		Pore Press. Gradient: 0 psi/ft	
Drilling Fluid Type:		Max. Density: 9.1 lb/gal		Plastic Viscosity: 0 cp		Casing/Liner	
Spud Mud:		Well Class: New		Depth, ft: 2917		Size, in: 4.5	
Service Line: Cementing		Job Type: Cem Prod Casing		Weight, lb/ft: 10.5		Grade: 0	
Max. Allowed Tubing Pressure: 600 psi		Max. Allowed Ann. Pressure: 0 psi		Wellhead Connection: 4 1/2 casing		Thread: 0	
Service Instructions: Safely cement production casing as per customer's request				Tubing/Drill Pipe			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>		Depth, ft: 0		Size, in: 0	
Lift Pressure: 1926 psi		Pipe Rotated <input type="checkbox"/>		Weight, lb/ft: 0		Grade: 0	
No. Centralizers: 5		Top Plugs: 1		Depth, ft: 0		Size, in: 0	
Cement Head Type: Single		Pipe Reciprocated <input checked="" type="checkbox"/>		Weight, lb/ft: 0		Grade: 0	
Job Scheduled For: 6/26/01 13:00		Arrived on Location: 6/26/01 13:00		Perforations/Open Hole		Squeeze Job	
		Leave Location: 6/26/01 18:30		Top, ft: 0		Bottom, ft: 0	
				Casing Tools		Shoe Type: Guide	
				Shoe Depth: 2920 ft		Squeeze Type: Tool Type:	
				Stage Tool Type:		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: 2872 ft		Sqz Total Vol: 0 bbl	

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
0	0	0	0	0 ft
0	0	0	0	Diameter
0	0	0	0	0 in
Treat Down	Displacement	Packer Type	Packer Depth	
Casing	45.7 bbl		0 ft	
Tubing Vol.	Casing Vol.	Annular Vol.	Open Hole Vol	
0 bbl	45.7 bbl	118 bbl	0 bbl	

Time	CPT773 THO	CumVol E&H	CumVol Proxim.	Density	Pressure U1	Rate E&H	Message
24 hr block	bpm	bbl	bbl	ppg	psi	bpm	
16:08	0	0	0	0	0	0	START ACQUISITION
16:08	0	0	0	8.27	0	0	
16:08	0	0	0	8.27	0	0	Pressure Test Lines
16:08	0	0	0	8.27	0	0	
16:08	0	0	0	8.27	0	0	Start Pumping Spacer
16:09	0	0	0	8.27	-4.58	0	
16:09	0	0.003	0	8.27	0	0.06	
16:10	0.128	0.459	0.065	8.26	1722	0.16	
16:10	0	0.463	0.065	8.26	2005	0	
16:11	0	0.463	0.065	8.26	27.47	0	
16:11	5.62	1.66	1.05	8.26	169.4	5.83	
16:12	4.96	4.43	3.68	8.26	128.2	5.15	
16:12	4.96	4.43	3.68	8.26	128.2	5.15	
16:12	4.93	7.01	6.17	8.3	119.	5.11	
16:12	4.93	7.01	6.17	8.3	119.	5.11	
16:13	4.91	9.56	8.64	8.3	141.9	5.11	Start Pumping Wash
16:13	5.19	12.18	11.19	8.29	155.7	5.33	
16:14	5.16	14.85	13.78	8.29	141.9	5.33	
16:14	5.11	17.5	16.36	8.62	123.6	4.34	
16:15	4.32	19.09	18.66	8.32	82.42	4.54	
16:15	4.32	21.22	20.81	8.44	105.3	4.48	
16:16	4.29	23.48	22.96	8.32	146.5	4.52	

JUL 30 2001

Well		Field			Service Date		Customer		Job Number	
HCU #17-11C		Bradshaw					DREYFUS NATURAL GAS		20224833	
Time	CPT773 THO	CumVol E&H	CumVol Proxim.	Density	Pressure U1	Rate E+H		Message		
24 hr clock	bpm	bbl	bbl	ppg	psl	bpm				
16:16	5.32	26.03	25.49	8.32	160.3	5.39	0			
16:17	5.32	26.03	25.49	8.32	160.3	5.39	0	End Brine		
16:17	5.32	26.03	25.49	8.32	160.3	5.39	0	Reset Volume		
16:17	5.32	26.03	25.49	8.32	160.3	5.39	0	[CumVol Proxim.]=26.28 bbl		
16:17	5.32	26.03	25.49	8.32	160.3	5.39	0	Start Pumping Spacer.		
16:17	5.24	1.65	1.58	8.36	174.	5.53	0			
16:17	4.93	4.26	4.06	8.37	178.6	5.19	0			
16:18	4.93	4.26	4.06	8.37	178.6	5.19	0	Stop Pumping		
16:18	4.93	4.26	4.06	8.37	178.6	5.19	0	Reset Volume		
16:18	4.93	4.26	4.06	8.37	178.6	5.19	0	[CumVol Proxim.]=5.294 bbl		
16:18	4.93	4.26	4.06	8.37	178.6	5.19	0	Start Mixing Lead Slurry		
16:18	3.94	0.926	0.887	10.36	169.4	5.19	0			
16:18	3.04	2.63	2.45	11.56	114.5	2.76	0			
16:19	3.07	4.26	3.98	11.28	155.7	3.24	0			
16:19	3.09	5.87	5.52	11.03	174.	3.12	0			
16:20	4.29	7.86	7.55	10.77	178.6	4.68	0			
16:20	4.27	10.19	9.69	11.03	174.	4.46	0			
16:21	4.29	12.34	11.84	10.74	160.3	4.48	0			
16:21	4.29	14.7	13.99	11.27	164.8	4.88	0			
16:22	4.35	16.97	16.16	10.91	123.6	4.42	0			
16:22	4.35	19.19	18.34	10.77	105.3	4.62	0			
16:23	5.16	21.79	20.81	11.2	160.3	5.59	0			
16:23	5.19	24.49	23.41	10.53	146.5	5.37	0			
16:24	4.65	27.16	25.96	11.16	105.3	5.45	0			
16:24	4.7	29.68	28.3	11.23	105.3	4.66	0			
16:25	5.14	32.17	30.74	10.88	128.2	5.43	0			
16:25	8.05	36.12	34.68	10.95	261.	8.13	0			
16:26	4.65	38.78	37.01	10.84	95.15	4.42	0			
16:26	5.8	41.86	39.9	11.78	160.3	6.23	0			
16:27	5.83	44.8	42.82	10.56	114.5	5.79	0			
16:27	4.14	47.77	45.52	11.54	82.42	4.96	0			
16:28	3.43	49.72	47.22	10.84	54.95	3.94	0			
16:28	3.43	51.74	48.93	11.1	59.52	4.06	0			
16:29	3.43	53.77	50.65	11.3	64.1	4.02	0			
16:29	3.45	55.77	52.37	11.07	59.52	3.96	0			
16:30	3.43	57.75	54.09	10.73	54.95	4.02	0			
16:30	3.45	59.8	55.81	11.2	59.52	4.28	0			
16:31	3.43	61.82	57.53	11.45	64.1	3.96	0			
16:31	3.43	63.79	59.25	10.9	59.52	3.8	0			
16:32	3.43	65.72	60.98	10.6	54.95	3.86	0			
16:32	3.43	67.76	62.7	11.41	59.52	3.92	0			
16:33	3.43	69.69	64.42	10.96	59.52	3.86	0			
16:33	1.69	71.65	66.05	10.93	54.95	3.92	0			
16:34	0.	73.61	66.37	10.99	54.95	3.9	0			
16:34	0.	75.48	66.37	11.31	50.37	3.44	0			
16:35	0.	77.43	66.37	11.33	59.52	3.94	0			
16:35	0.	79.35	66.37	11.1	54.95	3.9	0			
16:36	4.24	81.36	67.46	11.07	68.68	4.32	0			
16:36	4.27	83.62	69.6	11.	77.84	4.58	0			
16:37	4.27	85.9	71.75	11.01	68.68	4.54	0			
16:37	4.29	88.17	73.9	10.88	64.1	4.52	0			
16:38	4.27	90.44	76.04	10.66	73.26	4.56	0			
16:38	4.27	92.7	78.18	10.84	73.26	4.46	0			
16:39	4.24	94.95	80.32	10.85	77.84	4.38	0			

ORIGINAL

End Brine
Reset Volume
[CumVol Proxim.]=26.28 bbl
Start Pumping Spacer.

Stop Pumping
Reset Volume
[CumVol Proxim.]=5.294 bbl
Start Mixing Lead Slurry

JUL 30 2011
COW...

Well			Field			Service Date		Customer		Job Number	
HCU #17-11C			Bradshaw					DREYFUS NATURAL GAS		20224833	
Time	CPT773 THO	CumVol E&H	CumVol Proxim	Density	Pressure U1	Rate E+H		Message			
24 hr clock	bpm	bbl	bbl	ppg	psi	bpm					
16:39	4.27	97.3	82.47	11.07	73.26	4.68	0				
16:40	4.24	99.46	84.61	10.64	59.52	4.76	0				
16:40	4.24	101.8	86.74	11.05	77.84	4.7	0				
16:41	6.26	104.4	89.29	11.14	174.	6.33	0				
16:41	6.26	107.7	92.43	10.98	164.8	6.49	0				
16:42	5.39	110.9	95.48	10.86	114.5	6.01	0				
16:42	5.42	113.8	98.2	10.68	123.6	5.75	0				
16:43	5.39	116.7	100.9	11.42	114.5	5.65	0				
16:43	5.42	119.5	103.6	11.18	123.6	5.71	0				
16:44	5.39	122.4	106.3	10.63	105.3	5.39	0				
16:44	5.42	125.2	109.	11.36	114.5	5.83	0				
16:45	4.91	128.	111.6	11.41	114.5	5.35	0				
16:45	4.91	130.5	114.	10.97	91.58	4.9	0				
16:46	4.91	133.1	116.5	10.75	87.	5.45	0				
16:46	4.93	135.8	119.	11.04	96.15	5.09	0				
16:47	4.96	138.3	121.4	10.65	77.84	5.19	0				
16:47	4.96	140.9	123.9	10.71	87.	5.23	0				
16:48	4.98	143.6	126.4	10.71	77.84	5.27	0				
16:48	0.	145.8	127.5	10.71	45.79	3.74	0				
16:49	0.	147.6	127.5	10.81	50.37	3.78	0				
16:49	7.21	150.3	129.7	11.36	196.9	8.05	0				
16:50	5.16	153.7	132.9	10.55	77.84	5.23	0				
16:50	5.11	156.4	135.5	10.62	100.7	5.49	0				
16:51	5.16	159.2	138.1	11.27	91.58	5.49	0				
16:51	6.08	162.1	140.9	11.05	128.2	6.23	0				
16:52	5.24	165.2	143.9	10.62	114.5	5.99	0				
16:52	5.29	168.1	146.5	11.17	119.	5.95	0				
16:53	5.29	171.	149.2	11.21	123.6	5.83	0				
16:53	5.32	173.8	151.8	10.98	119.	5.57	0				
16:54	5.34	176.7	154.5	11.13	109.9	5.95	0				
16:54	5.34	179.5	157.2	10.73	100.7	5.27	0				
16:55	5.32	182.3	159.9	10.69	105.3	5.81	0				
16:56	5.34	185.2	162.5	11.11	128.2	5.59	0				
16:56	5.34	188.1	165.2	11.01	119.	5.65	0				
16:57	5.34	190.9	167.9	10.82	119.	5.59	0				
16:57	5.34	193.7	170.6	10.76	109.9	5.77	0				
16:58	5.39	196.6	173.2	10.78	100.7	5.75	0				
16:58	5.37	199.5	175.9	11.07	132.8	5.75	0				
16:58	5.37	199.5	175.9	11.07	132.8	5.75	0	End Lead Slurry			
16:59	5.34	202.2	178.6	11.08	123.6	5.55	0				
16:59	5.34	202.2	178.6	11.08	123.6	5.55	0	Start Mixing Tail Slurry			
16:59	5.34	202.2	178.6	11.08	123.6	5.55	0	[CumVol Proxim.] = 179.1 bbl			
16:59	5.34	202.2	178.6	11.08	123.6	5.55	0	Reset Volume			
16:59	3.66	1.86	1.48	13.26	77.84	4.08	0				
17:00	3.68	3.72	3.32	14.35	77.84	3.44	0				
17:00	3.68	5.66	5.17	14.87	91.58	3.78	0				
17:01	3.68	7.47	7.02	13.88	68.68	3.42	0				
17:01	3.68	9.31	8.87	14.45	68.68	3.66	0				
17:02	3.71	11.09	10.72	14.49	73.26	3.52	0				
17:02	3.68	12.9	12.57	14.72	77.84	3.6	0				
17:03	3.68	14.68	14.42	14.53	73.26	3.54	0				
17:03	3.68	16.39	16.26	14.61	68.68	2.88	0				
17:04	3.71	18.14	18.12	14.21	68.68	3.44	0				
17:04	3.71	19.97	19.97	14.84	73.26	3.58	0				

ORIGINAL

End Lead Slurry
Start Mixing Tail Slurry
[CumVol Proxim.] = 179.1 bbl
Reset Volume

JUL 30 2011

CONFIDENTIAL

Well	HCU #17-11C				Field			Bradshaw		Service Date	Customer	Job Number	Message
	CP1713 THO	CumVol E&H	CumVol E&H	CumVol Proxim.	Density	Pressure U1	Rate E&H	ppg	psl				
24 hr clock	bpm	bbbl	bbbl	bbl		bpm			bpm				
17:05	3.68	21.75	21.82	21.82	14.71	77.84			3.6	0			
17:05	4.98	23.72	23.88	23.88	14.42	160.3			4.74	0			
17:06	4.98	26.34	26.38	26.38	14.51	160.3			5.23	0			
17:06	4.96	28.93	28.87	28.87	15.17	164.8			5.05	0			
17:07	4.96	31.46	31.35	31.35	14.81	151.1			4.84	0			
17:07	4.98	34.05	33.83	33.83	14.38	155.7			5.41	0			
17:08	4.96	36.78	36.32	36.32	14.84	164.8			5.37	0			
17:08	4.93	39.36	38.8	38.8	14.45	155.7			5.73	0			
17:09	4.22	42.06	41.22	41.22	14.78	123.6			5.	0			
17:09	4.24	44.19	43.34	43.34	14.65	96.15			4.8	0			
17:10	4.24	46.45	45.48	45.48	14.96	123.6			4.28	0			
17:10	4.32	48.76	47.63	47.63	13.57	123.6			4.7	0			
17:11	4.35	51.1	49.81	49.81	13.49	109.9			4.68	0			
17:11	4.35	51.1	49.81	49.81	13.49	109.9			4.68	0			
17:11	4.35	51.1	49.81	49.81	13.49	109.9			4.68	0			
17:11	0.	51.82	50.25	50.25	13.3	-9.16			0.	0		End Tail Slurry wash to pit	
17:12	0.	51.82	50.25	50.25	11.57	-9.16			0.	0			
17:12	0.	51.82	50.25	50.25	10.39	-9.16			0.	0			
17:13	0.	52.1	50.25	50.25	8.97	-9.16			0.	0			
17:13	0.	52.1	50.25	50.25	9.02	4.58			0.	0			
17:14	3.81	52.64	50.44	50.44	8.93	219.8			2.66	0			
17:14	6.03	55.61	53.45	53.45	8.62	228.9			7.37	0			
17:15	5.98	58.96	56.46	56.46	8.45	215.2			4.52	0			
17:15	6.01	62.19	59.48	59.48	8.29	210.6			6.45	0			
17:16	6.03	65.55	62.5	62.5	8.3	210.6			6.25	0			
17:16	0.	68.26	64.82	64.82	8.25	-32.05			0.899	0			
17:16	0.	68.26	64.82	64.82	8.25	-32.05			0.899	0		[CumVol Proxim.] = 64.82 bbl	
17:16	0.	68.26	64.82	64.82	8.25	-32.05			0.899	0		Reset Volume	
17:16	0.	68.26	64.82	64.82	8.25	-32.05			0.899	0		Drop Top Plug	
17:16	0.	68.26	64.82	64.82	8.25	-32.05			0.899	0		Start Displacement	
17:17	0.	0.008	0.	0.	8.27	-9.16			0.	0			
17:17	0.	0.008	0.	0.	8.27	-4.58			0.	0			
17:18	0.	0.008	0.	0.	8.27	-9.16			0.	0			
17:18	0.	0.859	0.	0.	8.28	54.95			4.46	0			
17:19	0.	3.22	0.	0.	8.28	59.52			4.74	0			
17:19	0.	5.66	0.	0.	8.26	54.95			5.07	0			
17:20	0.	8.17	0.	0.	8.29	54.95			4.92	0			
17:20	0.	10.63	0.	0.	8.31	54.95			4.98	0			
17:21	0.	13.16	0.	0.	8.3	59.52			5.07	0			
17:21	0.	15.44	0.	0.	8.3	59.52			3.88	0			
17:22	0.	17.11	0.	0.	8.28	59.52			2.96	0			
17:22	4.32	18.71	0.984	0.984	8.28	160.3			4.4	0			
17:23	4.22	20.91	3.11	3.11	8.3	178.6			4.42	0			
17:23	4.09	23.07	5.18	5.18	8.3	206.			4.26	0			
17:24	4.04	25.18	7.21	7.21	8.3	261.			4.2	0			
17:24	4.04	27.28	9.24	9.24	8.3	288.5			4.18	0			
17:25	3.96	29.36	11.24	11.24	8.3	325.1			4.14	0			
17:25	3.91	31.41	13.22	13.22	8.3	366.3			4.08	0			
17:26	3.89	33.42	15.17	15.17	8.3	407.5			4.	0			
17:26	3.81	35.41	17.09	17.09	8.3	453.3			3.98	0			
17:27	1.74	36.56	18.09	18.09	8.3	402.9			2.02	0			
17:27	1.81	37.51	19.	19.	8.3	430.4			1.9	0			
17:28	0.946	38.36	19.8	19.8	8.3	421.2			1.04	0			
17:28	1.07	38.87	20.28	20.28	8.3	448.7			0.999	0			

ORIGINAL

JUL 30 2011

CONVENTION OFFICE

Well		Field				Service Date		Customer		Job Number			
HCU #17-11C		Bradshaw						DREYFUS NATURAL GAS		20224833			
Time	CP1773 THO	CumVol E&H	CumVol Proxim	Density	Pressure U1	Rate E+H		Message					
24-hr clock	bpm	bbbl	bbbl	ppg	psl	bpm							
17:29	1.84	39.84	21.22	8.28	489.9	1.92	0						
17:29	1.79	40.78	22.13	8.28	503.7	1.88	0						
17:30	1.81	41.72	23.04	8.28	499.1	1.88	0						
17:30	1.79	42.65	23.93	8.28	512.8	1.86	0						
17:31	1.76	43.57	24.81	8.28	540.3	1.8	0						
17:31	1.74	44.48	25.69	8.28	563.2	1.82	0	<h1>ORIGINAL</h1>					
17:32	1.74	45.38	26.55	8.28	576.9	1.8	0						
17:32	1.66	46.27	27.4	8.28	599.8	1.76	0						
17:33	1.66	47.15	28.23	8.28	627.3	1.74	0						
17:33	0.	47.22	28.23	8.28	897.4	0.	0						
17:33	0.	47.22	28.23	8.28	897.4	0.	0					Bump Top Plug	
17:33	0.	47.22	28.23	8.28	897.4	0.	0					Bleed Off Pressure	
17:34	0.	47.22	28.23	8.28	833.3	0.	0						
17:34	0.	47.22	28.23	8.28	-9.16	0.	0						
17:35	0.	47.22	28.23	8.28	-4.58	0.	0						
17:35	0.	47.22	28.23	8.28	-4.58	0.	0	End Displacement					
17:35	0.	47.22	28.23	8.28	0.	0.	0						
17:36	0.	47.22	28.23	8.28	0.	0.	0						
17:36	0.	47.22	28.23	8.28	0.	0.	0	end job					
17:36	0.	0.	0.	8.28	0.	0.	0						
17:37	0.	0.	0.	8.28	-4.58	0.	0						

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	7	250	0	35	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Type	Volume	Density	
1000	1000	200	1000		0 bbl	0 lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?	Volume	25 bbl	
0 %	248 bbl	46.5 bbl	75 °F	<input type="checkbox"/> Washed Thru Perfs	To	0 ft	
Customer or Authorized Representative			Dowell Supervisor				
Darrell Toews			Jose Camargo		CirculationLost <input checked="" type="checkbox"/> Job Completed		

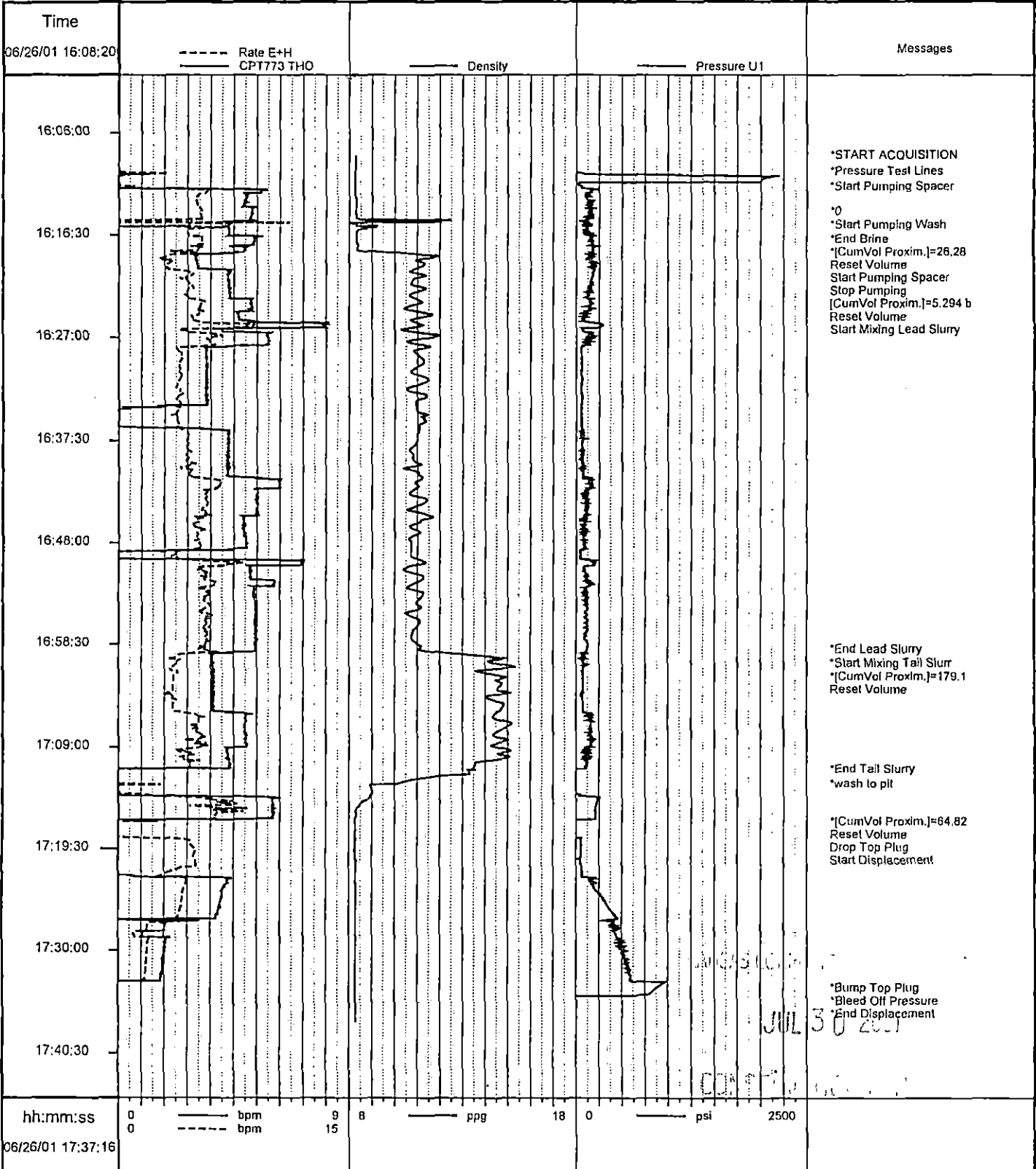
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 WPS300
 JUL 30 2011
 CONSULTANT DEVELOPMENT



Cementing Job Report

PRISM* V2.23

Well	HCU 17-11C	ORIGINAL	Client	Louis Dreyfus Natural Ga
Field			SIR No.	20224833
Country			Job Date	6/26/2001 4:08:20 PM



Job: louisdre

06/27/2001 08:44:27

* Mark of Schlumberger