

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

API NO. 15 - 075-20772
County Hamilton
SE - NE - NW Sec. 15 Twp. 21S Rge. 41 X W

Operator: License # 31321
Name: Louis Dreyfus Natural Gas Corp.
Address: Suite 600
14000 Quail Springs Parkway
City/State/Zip Oklahoma City, OK 73134

990' Feet from S / N (circle one) Line of Section
2240' Feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE SE NW or SW (circle one)

Purchaser: Oneok Field Services

Lease Name HCU Well # 1511-C

Operator Contact Person: Lenora Sawyer

Field Name Bradshaw

Phone (405) 748-2725

Producing Formation Chase

Contractor: Name Cheyenne Drilling

Elevation: Ground 3636.5 KB 3641'

License: 5382

Total Depth 2936' PBTD

Wellsite Geologist: NA

Amount of Surface Pipe Set and Cemented at 319' Feet

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

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set NA Feet

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.
8/27/01 8/29/01 9/21/01
Spud Date Date Reached TD Completion Date

If Alternate II completion, cement circulated from 2931'

feet depth to Surface w/ 550 sx cmt

Drilling Fluid Management Plan ALT 2 9/21 8/8/02
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

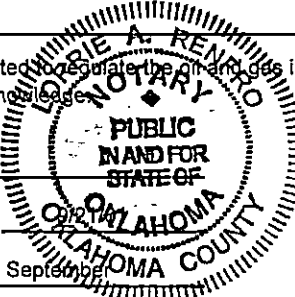
Quarter Sec. Twp S Rng. E / W

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 9/21/01



Subscribed and sworn to before me this 21st day of September 2001.
Notary Public Laurie 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)

RECEIVED
SEP 24 2001
KCC WICHITA

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 1511-C

Sec. 15 Twp. 21 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:
 Gamma Ray / CCL

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#	319'	Class "C"	200	2% cc + 1/4# flocele
Production	7-7/8"	4-1/2"	10.5#	2931'	Class "C"	350	3% D79 + 1/4#D29
					Class "C"	200	2% S1 + 1/4#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					

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

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
3 spf	2750-65'; 2823-38'; 2856-64'	Acidize w/1000 gal 50Q 15% acid Frac w/1000 gal 50Q 2% KCl water spacer +5000 gal 65Q foam pad + 11000 gal 65Q foam + 16000# 12/20 brown sand + 16000# CR-4000 resin coated sand Flush w/1836 gal 65Q foam.	2750-2864'

TUBING RECORD

Size 2-3/8" Set At 2867' Packer At. NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 9/18/01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil NA Bbls Gas 164 Mcf Water 90 Bbls. Gas-Oil Ratio NA Gravity NA

Disposition of Gas: METHOD OF COMPLETION Production Interval 2750'-2765'
2823'-2838'
2856'-2864'
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If Vented, submit ACO-18.) Other (Specify)

DRILLER'S LOG

LOUIS DREFUS NATURAL GAS CORP
 HCU 1511-C
 SECTION 15-T21S-R41W
 HAMILTON COUNTY, KANSAS

COMMENCED: 08-27-01
 COMPLETED: 08-29-01

SURFACE CASING: 319' OF 8 5/8" CMTD
 W/200 SKS CLASS C + 2% CC + 1/4#/SK
 FLOCELE.

FORMATION

DEPTH

FORMATION	DEPTH
SURFACE HOLE	0 - 319
SANDSTONE & CLAY	319 - 615
RED BED & ANHYDRITE	615 - 1400
RED BED	1400 - 1790
GLORIETTA	1790 - 2030
RED BED	2030 - 2730
CHASE	2730 - 2936 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

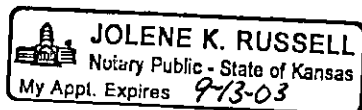
WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 31ST DAY OF AUGUST, 2001.

JOLENE K. RUSSELL

Jolene K. Russell
 NOTARY PUBLIC



RECEIVED

SEP 24 2001

KCC WICHITA

ALLIED CEMENTING CO., INC. 7216 ORIGINAL

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

Oakley

DATE <u>8-27-01</u>	SEC <u>18</u>	TWP. <u>22^s</u>	RANGE <u>40^w</u>	CALLED OUT	ON LOCATION <u>2:30AM</u>	JOB START <u>7:00PM</u>	JOB FINISH <u>7:30PM</u>
LEASE <u>HCH</u>	WELL# <u>1511-C</u>	LOCATION <u>Sycrause 17N 2 1/2W 1S</u>			COUNTY <u>Hamilton</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Cheyenne Drlg Rig 11
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 319'
 CASING SIZE 8 5/8 DEPTH 319'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 39.88'
 CEMENT LEFT IN CSG. 39.88'
 PERFS. _____
 DISPLACEMENT 17 3/4 Bbls

OWNER Louis Dreyfus
 CEMENT AMOUNT ORDERED
2005kgs class C 290cc 4" Flo Seal

<u>Class C</u>	<u>200 sks</u>	@ <u>9.65</u>	<u>1930.00</u>
POZMIX		@	
GEL		@	
CHLORIDE	<u>45kgs</u>	@ <u>30.00</u>	<u>120.00</u>
<u>Flo Seal</u>	<u>50#</u>	@ <u>1.40</u>	<u>70.00</u>
		@	
		@	
		@	
		@	
HANDLING	<u>204 sks</u>	@ <u>1.10</u>	<u>224.40</u>
MILEAGE	<u>49 sk/mile</u>		<u>514.08</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dean
 # 191 HELPER Andrew
 BULK TRUCK
 # 218 DRIVER Jarrod
 BULK TRUCK
 # _____ DRIVER _____

RECEIVED TOTAL 2858.48
 SEP 24 2001
 SERVICE
 KCC WICHITA

REMARKS:
Cement did circulate
Plug Landed
Float Held

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 520.00
 EXTRA FOOTAGE @ _____
 MILEAGE 63 miles @ 3.00 189.00
 PLUG 8 5/8 Surface @ _____ 45.00
 @ _____
 @ _____
 TOTAL 754.00

CHARGE TO: Cheyenne Drlg
 STREET _____
 CITY _____ STATE _____ ZIP _____

8 5/8 FLOAT EQUIPMENT

<u>1 AFU Insert</u>	@	<u>325.00</u>
<u>2 Centralizers</u>	@ <u>55.00</u>	<u>110.00</u>
<u>1 Box Thread Lock</u>	@	<u>30.00</u>
	@	
	@	

TOTAL 475.00

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]

Dennis Salton
 PRINTED NAME

Customer LOUIS DREYFUS NATURAL GAS CORP	Job Number 2205410192
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Well HCU 1511-C		Location (legal)		Dowell Location Ulysses, KS		Job Start 2001-Aug-29				
Field Bradshaw		Formation Name/Type Chase		Deviation °		Bit Size 7.88 in	Well MD 2,936 ft	Well TVD 2,936 ft		
County Hamilton		State/Province KS		BHP psi	BHST 95 °F	BHCT 85 °F	Poro Press. Gradient psi/ft			
Rig Name	Drilled For Gas	Service Via Land		Casing/Liner						
Offshore Zone	Well Class New	Well Type Development		Depth, ft 2931	Size, in 4.5	Weight, lb/ft 10.5	Grade	Thread		
Drilling Fluid Type Spud Mud		Max. Density 8.7 lb/gal	Plastic Viscosity 10 cp		Tubing/Drill Pipe					
Service Line Cementing	Job Type Cem Prod Casing		Depth,	Size, in	Weight, lb/ft	Grade	Thread			
Max. Allowed Tubing Pressure 1000 psi	Max. Allowed Ann. Pressure psi	Wellhead Connection Single cement head		Perforations/Open Hole						
Service Instructions Cement 4 1/2 Casing to surface per clients request.				Top, ft	Bottom, ft	spf	No. of Shets	Total Interval ft		
				Diameter in	Treat Down Casing	Displacement 45.9 bbl	Packer Type None	Packer Depth ft		
				Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. 91 bbl	Open Hole Vol. bbl			
				Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>	Casing Tools		Squeeze Job		
				Lift Pressure: 620 psi	Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Type: Guide	Shoe Depth: 2931 ft	Squeeze Type Tool Type:	
No. Centralizers: Top Plugs: 1	Bottom Plugs:	Stage Tool Type	Stage Tool Depth: ft	Tool Depth: ft	Tail Pipe Size: in					
Cement Head Type: Single	Job Scheduled For:	Arrived on Location: 2001-Aug-29 17:30	Leave Location: 2001-Aug-29 21:00	Collar Type: Auto-Fill	Collar Depth: ft	Tail Pipe Depth: ft	Sqz Total Vol: bbl			
Date	Time	GPI/73 THO	CumVol Proxim	Density	Pressure U1	Rab. ETH	Message			
	24 hr clock	bpm	bbl	ppg	psi	bpm				
2001-Aug-29	19:06	0	0	0	0	0	0	0	START ACQUISITION	
2001-Aug-29	19:06	0.	0.	-6.25	-3732	0.	0	0		
2001-Aug-29	19:06	0.	0.	-6.25	-3732	0.	0	0	Reset Volume	
2001-Aug-29	19:06	0.	0.	-6.25	-3732	0.	0	0	[CumVol Proxim.]=0 bbl	
2001-Aug-29	19:06	0.	0.	-6.25	-3732	0.	0	0	Pressure Test Lines	
2001-Aug-29	19:06	0.	0.	-6.25	-3732	0.	0	0	Start Pumping Wash	
2001-Aug-29	19:06	0.	0.	8.3	4.58	0.	0	0		
2001-Aug-29	19:07	0.	0.	8.3	4.58	0.	0	0		
2001-Aug-29	19:08	0.	0.077	8.3	82.42	0.	0	0	RECEIVED	
2001-Aug-29	19:09	3.4	1.55	8.3	201.5	3.54	0	0		
2001-Aug-29	19:09	5.39	5.54	8.3	174.	5.55	0	0	SEP 24 2001	
2001-Aug-29	19:10	5.42	9.64	8.3	187.7	5.63	0	0		
2001-Aug-29	19:11	5.39	13.73	8.32	192.3	5.53	0	0	KCC.WICHITA	
2001-Aug-29	19:12	5.39	17.81	8.32	224.4	5.55	0	0		
2001-Aug-29	19:12	5.37	2.25	8.36	233.5	5.67	0	0		
2001-Aug-29	19:13	5.37	2.25	8.36	233.5	5.67	0	0	Start Pumping Spacer	
2001-Aug-29	19:13	5.37	2.25	8.36	233.5	5.67	0	0	Reset Volume	
2001-Aug-29	19:13	5.37	2.25	8.36	233.5	5.67	0	0	[CumVol Proxim.]=3.332 bbl	
2001-Aug-29	19:13	5.04	2.37	8.33	215.2	5.29	0	0		
2001-Aug-29	19:14	4.98	6.15	8.37	219.8	5.21	0	0		
2001-Aug-29	19:14	4.98	6.15	8.37	219.8	5.21	0	0	Start Mixing Lead Slurry	
2001-Aug-29	19:15	4.91	2.56	10.75	261.	5.13	0	0		

Well		Field			Service Date		Customer		Job Number
HCU #1511-C		Bradshaw			01241-Aug-29		LOUIS DREYFUS NATURAL GAS CORP		2205410182
Date	Time	CPT/773 THO	CumVol Proxim.	Density	Pressure UI	Rate EPH			Message
	24 hr clock	bpm	bbl	ppg	psi	bpm			
2001-Aug-29	19:15	6.19	6.81	11.2	320.5	6.57	0	0	
2001-Aug-29	19:16	6.24	11.5	10.14	283.9	6.33	0	0	
2001-Aug-29	19:17	6.24	16.2	11.53	306.8	6.61	0	0	
2001-Aug-29	19:18	6.34	20.95	11.04	242.7	6.69	0	0	
2001-Aug-29	19:18	6.44	25.76	10.73	192.3	6.81	0	0	
2001-Aug-29	19:19	6.06	30.55	11.27	141.9	6.75	0	0	
2001-Aug-29	19:20	6.19	35.18	11.24	178.6	6.67	0	0	
2001-Aug-29	19:21	6.13	39.81	11.19	178.6	6.57	0	0	
2001-Aug-29	19:22	7.13	45.05	11.15	206.	7.55	0	0	
2001-Aug-29	19:22	7.11	50.42	11.1	201.5	7.71	0	0	
2001-Aug-29	19:23	7.08	55.8	11.02	183.2	7.77	0	0	
2001-Aug-29	19:24	7.05	61.17	11.1	192.3	7.87	0	0	
2001-Aug-29	19:25	7.05	66.52	11.23	187.7	7.71	0	0	
2001-Aug-29	19:25	7.03	71.83	11.3	196.9	7.47	0	0	
2001-Aug-29	19:26	7.	77.16	11.27	196.9	7.71	0	0	
2001-Aug-29	19:27	6.98	82.46	11.19	187.7	7.57	0	0	
2001-Aug-29	19:28	6.98	87.78	11.11	201.5	7.45	0	0	
2001-Aug-29	19:28	6.7	92.9	10.99	178.6	7.33	0	0	
2001-Aug-29	19:29	6.7	97.95	10.87	178.6	6.97	0	0	
2001-Aug-29	19:30	6.7	103.	10.97	174.	7.19	0	0	
2001-Aug-29	19:31	6.7	108.1	11.21	174.	7.15	0	0	
2001-Aug-29	19:31	7.11	113.3	11.17	192.3	7.73	0	0	
2001-Aug-29	19:32	7.08	118.6	11.1	196.9	7.53	0	0	
2001-Aug-29	19:33	7.08	124.	11.12	192.3	7.23	0	0	
2001-Aug-29	19:34	7.05	129.3	11.1	196.9	7.67	0	0	
2001-Aug-29	19:34	7.03	134.6	11.13	196.9	7.83	0	0	
2001-Aug-29	19:35	7.05	140.	11.1	192.3	7.71	0	0	
2001-Aug-29	19:36	7.03	145.3	11.14	187.7	7.81	0	0	
2001-Aug-29	19:37	7.03	150.6	11.21	196.9	7.79	0	0	
2001-Aug-29	19:37	7.05	155.9	11.13	192.3	7.75	0	0	
2001-Aug-29	19:38	6.7	161.	11.18	183.2	7.75	0	0	
2001-Aug-29	19:39	6.72	166.1	11.18	178.6	7.39	0	0	
2001-Aug-29	19:40	6.72	171.2	11.13	178.6	7.45	0	0	
2001-Aug-29	19:40	6.7	176.2	11.1	187.7	7.03	0	0	
2001-Aug-29	19:41	6.67	181.3	11.17	196.9	7.27	0	0	
2001-Aug-29	19:42	6.67	181.3	11.17	196.9	7.27	0	0	Start Mixing Tail Slurry
2001-Aug-29	19:42	6.62	1.56	12.68	210.6	7.17	0	0	
2001-Aug-29	19:43	6.54	6.51	14.8	261.	7.13	0	0	
2001-Aug-29	19:43	7.57	12.05	14.55	302.2	7.85	0	0	
2001-Aug-29	19:44	7.41	17.73	14.83	320.5	7.45	0	0	
2001-Aug-29	19:45	7.11	23.09	14.93	279.3	7.25	0	0	
2001-Aug-29	19:46	7.05	28.41	14.97	315.9	7.03	0	0	
2001-Aug-29	19:46	7.08	33.76	15.12	302.2	8.31	0	0	
2001-Aug-29	19:47	7.08	39.09	14.96	293.	7.17	0	0	
2001-Aug-29	19:48	7.13	44.46	14.87	288.5	7.21	0	0	
2001-Aug-29	19:49	0.	48.67	14.51	-4.58	0.42	0	0	
2001-Aug-29	19:49	0.	48.67	14.51	-4.58	0.42	0	0	PAUSE ACQUISITION
2001-Aug-29	19:53	0.	48.67	8.33	0.	0.	0	0	RESTART AFTER PAUSE
2001-Aug-29	19:53	0.	48.67	8.33	0.	0.	0	0	
2001-Aug-29	19:53	0.	48.67	8.33	0.	0.	0	0	Drop Top Plug
2001-Aug-29	19:53	0.	48.67	8.33	0.	0.	0	0	Start Displacement
2001-Aug-29	19:53	0.	48.67	8.33	0.	0.	0	0	[CumVol Proxim.] = 48.67 bbl
2001-Aug-29	19:53	0.	48.67	8.33	0.	0.	0	0	Reset Volume
2001-Aug-29	19:53	0.	0.	8.33	4.58	0.	0	0	

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SEP 24 2001

KCC WICHITA

ORIGINAL

Well		Field		Service Date		Customer		Job Number	
HCU #1511-C		Bradshaw		D1241-Aug-29		LOUIS DREYFUS NATURAL GAS CORP		2205410152	
Date	Time	CP1773 THO	Conc/Vol Proxim	Density	Pressure-UI	Rate E+H			Message
	24 hr clock	bpm	bbl	ppg	psi	bpm			
2001-Aug-29	19:54	0.	0.	8.33	-4.58	0.	0	0	
2001-Aug-29	19:55	0.	0.401	8.39	-9.16	0.18	0	0	
2001-Aug-29	19:56	0.	0.401	8.39	-4.58	0.	0	0	
2001-Aug-29	19:56	0.	0.401	8.39	-4.58	0.	0	0	
2001-Aug-29	19:57	0.	0.401	8.39	-9.16	0.	0	0	
2001-Aug-29	19:58	0.	0.401	8.39	-9.16	0.	0	0	
2001-Aug-29	19:59	0.	0.401	8.39	-9.16	0.	0	0	
2001-Aug-29	19:59	0.	0.401	8.39	-4.58	0.	0	0	
2001-Aug-29	20:00	0.	0.401	8.39	41.21	1.18	0	0	
2001-Aug-29	20:01	4.14	2.58	8.37	68.68	4.84	0	0	
2001-Aug-29	20:02	5.11	6.16	8.36	36.63	5.41	0	0	
2001-Aug-29	20:02	5.11	10.04	8.43	32.05	5.49	0	0	
2001-Aug-29	20:03	5.11	13.88	8.43	36.63	5.45	0	0	
2001-Aug-29	20:04	4.83	17.59	8.48	174.	5.03	0	0	
2001-Aug-29	20:05	4.63	21.18	8.47	196.9	4.86	0	0	
2001-Aug-29	20:05	4.45	24.59	8.45	247.3	4.6	0	0	
2001-Aug-29	20:06	4.29	27.87	8.46	329.7	4.44	0	0	
2001-Aug-29	20:07	4.22	31.07	8.46	407.5	4.36	0	0	
2001-Aug-29	20:08	1.89	33.21	8.42	380.	2.02	0	0	
2001-Aug-29	20:09	1.84	34.63	8.42	421.2	1.96	0	0	
2001-Aug-29	20:09	1.84	36.04	8.42	439.6	1.92	0	0	
2001-Aug-29	20:10	1.81	37.43	8.39	485.3	1.9	0	0	
2001-Aug-29	20:11	2.04	38.85	8.38	503.7	2.16	0	0	
2001-Aug-29	20:12	2.02	40.39	8.36	535.7	2.1	0	0	
2001-Aug-29	20:12	1.99	41.9	8.36	563.2	2.06	0	0	
2001-Aug-29	20:13	1.99	41.9	8.36	563.2	2.06	0	0	Bump Top Plug
2001-Aug-29	20:13	1.99	41.9	8.36	563.2	2.06	0	0	Bleed Off Pressure
2001-Aug-29	20:13	0.	42.61	8.38	1021	0.	0	0	
2001-Aug-29	20:14	0.	42.61	8.38	-4.58	0.	0	0	
2001-Aug-29	20:14	0.	42.61	8.38	-4.58	0.	0	0	End Displacement

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6			6.7	254		10	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Type	Volume	Density	
1020	1020	200	1020		bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume 45 bbl <input type="checkbox"/> Washed Thru Perfs To ft			
%	245 bbl	45.7 bbl	70 °F				
Customer or Authorized Representative			Downhole Supervisor		<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed		
Toews, Daryl			Camargo, Jose				

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