

ORIGINAL

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

API NO. 15- 025-21188-00-00

County Clark

Approx.

NW - SE - SW Sec. 8 Twp. 35S Rge. 25 X W

1230' Feet from S (circle one) Line of Section

1625' Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Theis W Well # 4-8

Field Name McKinney

Producing Formation Chester

Elevation: Ground 2083' KB 2093'

Total Depth 6200' PBDT 6144'

Amount of Surface Pipe Set and Cemented at 828' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH-1, 9-30-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 2600 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. _____

Operator: License # 31321

Name: Louis Dreyfus Natural Gas Corp.

Address Suite 600

14000 Quail Springs Parkway

City/State/Zip Okla. City, OK 73134

Purchaser: GPM

9-27-99

Operator Contact Person: Bob Blevins

Phone (405) 749-1300

Contractor: Name: Abercrombie RTD Inc.

License: 30684

Wellsite Geologist: NA

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover _____

X Oil _____ SWD _____ SLOW _____ Temp. Abd.
X 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 _____ PBDT
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

8/26/99 9/6/99 9/22/99

Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita Kansas
SEP 27 1999

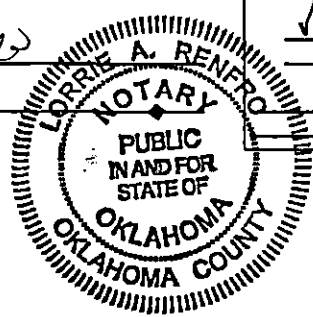
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 CP-4 form with all plugged wells. Submit CP-111 form 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 complete and correct to the best of my knowledge.

Signature Lenna Sawyer
Title Regulatory Technician Date 9/23/99

Subscribed and sworn to before me this 23rd day of September, 19 99.

Notary Public Ronnie A. Renfro
Date Commission Expires 9-01-01



K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C X Wireline Log Received
C _____ Geologist Report Received
Distribution
KCC _____ SWD/Rep _____ NGPA
KGS _____ Plug _____ Other _____
(Specify)

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name Theis W Well # 4-8

Sec. 8 Twp. 35S Rge. 25 East West County Clark

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 Dual Induction Focused/High Resolution/
 GR
 Compensated Z-Densilog-CN/Minilog/GR
 GR/Cement Bond Log

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample		
Name	Top	Datum
Heebner	4399'	-2306'
Toronto	4451'	-2358'
Lansing	4580'	-2487'
Marmaton	5312'	-3219'
Morrow Shale	5834'	-3741'
Chester	5942'	-3849'
E-log TD	6196'	-4103'

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#	828'	Lite Water Class "A"	250 200	3%cc+1/4#sk 3%cc
Production	7-7/8"	4-1/2"	11.6#	6199'	Class "H"	250	10%salt+10% calseal+.6% fluid loss add.+ .2% anti-foamer

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

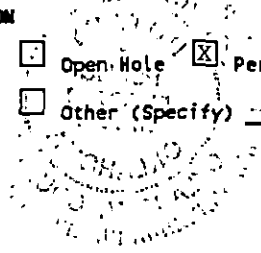
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1 2	5944-51' 5956-66'	Acidized w/250 gal. 7-1/2% acid	5944-6001'
1 1	5969-72' 5982-84'	Fraced w/36000 gal X-linked 30# gelled wtr, 36000 gal	" "
1 1	5987-93' 5996-6001'	20% gelled HCl acid, 20,000 gal slick water & 20 ball sealers. Used 90 tons CO2	

TUBING RECORD Size 2-3/8" Set At 5937' Packer At None Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 9-21-99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	1580	0		

Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) **Production Interval** Open Hole Perf. Dually Comp. Commingled 5944-6001'
 Other (Specify) _____



ORIGINAL

ALLIED CEMENTING CO., INC. 2658

Federal Tax I.D.# 48-0727860

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

SERVICE DATE SEP 03 1999
Medicine Lodge

15-025-21188

DATE <u>8-28-99</u>	SEC. <u>8</u>	TWP <u>35S</u>	RANGE <u>25W</u>	CALLED OUT <u>1:00 AM</u>	ON LOCATION <u>4:15 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>THETS</u>	WELL # <u>4-B</u>	LOCATION <u>ENGLEWOOD 1/4W, 2 1/4W, 1/2N</u>			COUNTY <u>CLARK</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR ABERCROMBIE #5

TYPE OF JOB SURFACE C.S.B.

HOLE SIZE 12 1/4" T.D. 832'

CASING SIZE 8 5/8" 24# DEPTH 838'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 40.9'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT BBLS. FRESH H₂O

EQUIPMENT

PUMP TRUCK CEMENTER KEVIN RUNGLOTT

343 HELPER JUSTIN HAET

BULK TRUCK _____

240-251 DRIVER RECK WEISER

BULK TRUCK _____

_____ DRIVER _____

OWNER LOUIS DREYFUS NATURAL GAS CORP

CEMENT AMOUNT ORDERED

250 SY. LITEMATE + 3% CLAY + 1/4" #10 SEAL

200 SY. CLASS A + 3% CLAY

COMMON <u>A</u> <u>200</u> @ <u>7.55</u>	<u>1510.00</u>
POZMIX _____ @ _____	_____
GEL _____ @ _____	_____
CHLORIDE <u>15</u> @ <u>28.00</u>	<u>420.00</u>
<u>LITEMATE</u> <u>250</u> @ <u>6.55</u>	<u>1637.50</u>
<u>FLO-SEAL</u> <u>63#</u> @ <u>1.15</u>	<u>72.45</u>
_____ @ _____	_____
_____ @ _____	_____
HANDLING <u>450</u> @ <u>1.05</u>	<u>472.50</u>
MILEAGE <u>450 X 78</u>	<u>.04 1404.00</u>

TOTAL \$5516.45

RECEIVED
STATE CORPORATION COMMISSION

SEP 27 1999

CONSERVATION DIVISION
TOPEKA, KANSAS

REMARKS:

SERVICE

REN 8 3/8" + PUMP C.S.B. CAPACITY

MAX 150 SY LITE + 3% CLAY + 1/4" #10 SEAL

100 SY CLASS A + 3% CC

DISPLACE P.V.B TO 789' WITH 50 BBLS

RAN 150' 1" MAX 50 SY A + 3% CLAY

" 125' 1" MAX 100 SY LITE + 3% CLAY + 1/4" #10 SEAL

FOULING BY 50 SY CLASS A + 3% CC

CIRCULATED TO SURFACE ✓

DEPTH OF JOB 838'

PUMP TRUCK CHARGE _____ 580.00

EXTRA FOOTAGE @ _____

MILEAGE 78 @ 3.85 N/C

PLUG 8 3/8" TRP @ 90.00 90.00

_____ @ _____

_____ @ _____

TOTAL \$670.00

CHARGE TO: ABERCROMBIE, LTD.

STREET 150 N. MAIN, ST. 801

CITY WECHITA STATE KANSAS ZIP 67202

FLOAT EQUIPMENT

_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____

TOTAL _____

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 6186.45

DISCOUNT 1237.29 IF PAID IN 30 DAYS

NET # 4949-16

W.C. CRAIG

PRINTED NAME

SIGNATURE X W. C. Craig

ORIGINAL

AUG 31 1999
REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

Federal Tax I.D.# 48-0727860

SERVICE POINT:
Medicine Lodge

DATE <u>8-28-99</u>	SEC. <u>8</u>	TWP. <u>35S</u>	RANGE <u>25W</u>	CALLED OUT <u>1:00 AM</u>	ON LOCATION <u>4:15 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>HPIC</u>		WELL # <u>4-8</u>		LOCATION <u>ENGLEWOOD 1/4, 2 3/4, 2N, 12E</u>		COUNTY <u>CLARK</u>	STATE <u>KAN-15</u>
OLD OR NEW (Circle one)							

CONTRACTOR HEERCOBRIE #5

TYPE OF JOB SURFACE C.E.B.

HOLE SIZE 13 1/4" T.D. 832'

CASING SIZE 2 3/8" 24" DEPTH 828'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 40.9'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT PLUG WITH H₂O

EQUIPMENT _____

PUMP TRUCK # 343 CEMENTER KEVIN KUNIGAUER

BULK TRUCK # 240-251 DRIVER RECK WELSER

BULK TRUCK _____ DRIVER _____

OWNER LOUIS DREIFUS NATURAL GAS COOP

CEMENT AMOUNT ORDERED

250Sx GLENDALE + 3 1/2" PLUG + 1/4" FLO SEAL

200Sx CLASS A + 3 1/2" PLUG

COMMON A 200 @ 1.55

POZMIX @ _____

GEL @ _____

CHLORIDE @ 28.00

GLENDALE 250 @ 6.55

FLO SEAL @ 1.15

HANDLING 450 @ 1.05

MILEAGE 470 x 78 .04

TOTAL # _____

RECEIVED
STATE CORPORATION COMMISSION
SEP 27 1999
CONSERVATION DIVISION
Wichita Kansas

REMARKS:

Run 878" of 1 1/2" P.C. (WATER)

PLUG 100Sx GLENDALE + 3 1/2" PLUG + 1/4" FLO SEAL

100Sx CLASS A + 3 1/2" PLUG

EX-PLUG RUC TO 787' WITH CORRE

100' 1" MAX. STAY H₂O 7' CC

135' 1" MAX 100Sx GLENDALE + 3 1/2" PLUG + 1/4" FLO SEAL

Followed by 50Sx CLASS A + 3 1/2" PLUG

RECALCULATED TO SURFACE

CHARGE TO: HEERCOBRIE, LTD.

STREET _____

CITY WICHITA STATE KANSAS ZIP _____

SERVICE

DEPTH OF JOB 828'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE 78 @ 2.85

PLUG 878" TRP @ 90.00 90.00

TOTAL # _____

FLOAT EQUIPMENT

1 BATTERY RATE @ _____

1 CENTRALIZER @ _____

1 BASKETS @ _____

TOTAL _____

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 W.C. Craig

W.C. CRAIG
PRINTED NAME

ORIGINAL

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665
Federal Tax I.D. # 48-0727860

SERVICE POINT:
Medicine Lodge

DATE <u>8-23-99</u>	SEC. <u>8</u>	TWP. <u>35</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>THFS</u>	WELL # <u>4-B</u>	LOCATION			COUNTY <u>CLARK</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR
 TYPE OF JOB _____
 HOLE SIZE _____ T.D. _____
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES: MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER
 CEMENT AMOUNT ORDERED _____
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT
 PUMP TRUCK # _____ CEMENTER KEVIN BROWN
 # _____ HELPER _____
 BULK TRUCK # _____ DRIVER _____
 BULK TRUCK # _____ DRIVER _____

REMARKS:
FLOAT EQUIPMENT SALES

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 PLUG _____ @ _____
 _____ @ _____

CHARGE TO: LOUIS DREYFUS NATURAL GAS CORP.
 STREET 1400 QUAIL SPRING PARKWAY, S. 600
 CITY OKLA. CITY STATE OKLA. ZIP 73124

FLOAT EQUIPMENT
 1 - RAFFLE RATE @ 45.00 45.00
 2 - CENTRALIZERS @ 30.00 60.00
 2 - BUCKETS @ 150.00 300.00
 _____ @ _____
 _____ @ _____
 TOTAL \$405.00

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 W.C. CRAIG

W.C. CRAIG
 PRINTED NAME

Cementing Service Report

Schlumberger		Dowell				Customer LOUIS DREYFUS NATURAL GAS CO				Job Number 20123110	
Well This W 2-5		Location (logar) Clark County		Sec. Mississippian		Dowell Location Ulysses, KS		Job Start 9/6/99			
Field Clark County		Formation Name/Type Mississippian		Deviation 0		Bit Size 7.88 in		Well MD 6,215 ft		Well TVD 6,215 ft	
County Clark		State/Province Kansas		BHP 0 psi		BHST 130 °F		BHCT 115 °F		Form Press. Gradient 0 psi/ft	
Rig Name BERCROMBIE RTD		Drilled For Oil & Gas		Service Via Land		Casing/Liner					
Offshore Zone		Well Class New		Well Type Development		Depth, ft 6226		Size, in 4.5		Weight, lb/ft 11.6	
Drilling Fluid Type Bentonite		Max. Density 9.2 lb/gal		Plastic Viscosity 33 cp		Depth, ft 0		Size, in 0		Weight, lb/ft 0	
Service Line Cementing		Job Type Cem Prod Casing		Well Head Connection Single cement head		Tubing/Drill Pipe					
Max. Allowed Tubing Pressure 2500 psi		Max. Allowed Ann. Pressure 0 psi		Well Head Connection Single cement head		Depth, ft 0		Size, in 0		Weight, lb/ft 0	
Service Instructions Safely deliver & perform Longstring Cement job with materials & equipment listed on the Service Receipt. Per clients instructions. 50 miles on equipment & hauling.						Perforations/Open Hole					
						Top, ft 0		Bottom, ft 0		spr 0	
						Top, ft 0		Bottom, ft 0		No. of Shoes 0	
						Top, ft 0		Bottom, ft 0		Diameter 0 in	
						Treat Down Casing		Displacement 95.9 bbl		Packer Type None	
						Tubing Vol. 0 bbl		Casing Vol. 96.5 bbl		Annular Vol. 252.3 bbl	
										Packer Depth 0 ft	
										Open Hole Vol 0 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing		Casing Tools				Squeeze Job			
Lift Pressure: 4502 psi		Pipe Rotated		Pipe Reciprocated		Shoe Type: Guide		Squeeze Type			
No. Centralizers: 10		Top Plugs: 1		Bottom Plugs: 0		Shoe Depth: 6226 ft		Tool Type:			
Cement Head Type: Single						Stage Tool Type		Tool Depth: 0 ft		Tail Pipe Size: 0 in	
Job Scheduled For: 9/6/99 1:00		Arrived on Location: 9/6/99 3:00		Leave Location: 9/6/99 12:30		Stage Tool Depth: 0 ft		Tail Pipe Depth: 0 ft		Tail Pipe Depth: 0 ft	
						Collar Type: Float		Tail Pipe Depth: 0 ft		Seq Total Vol: 0 bbl	
						Collar Depth: 6185 ft					
Time	CumVol	Density	Pressure U1	Reset Volume	TestFlowrate	Message					
24 hr clock	bbl	ppg	psi	bbl	bpm						
10:52	0	0	0	0	0	START ACQUISITION					
10:52	0	-6.25	-3695	0	0						
10:53	1.16	8.3	407.5	1.16	5.28						
10:53	1.16	8.3	407.5	1.16	5.28	Start Pumping Wash					
10:53	4.03	8.33	380.	4.03	5.7						
10:54	6.91	8.3	393.8	6.91	5.7						
10:54	9.79	8.26	384.6	9.79	5.68						
10:54	9.79	8.26	384.6	9.79	5.68	[Reset Volume]=0 bbl					
10:54	9.79	8.26	384.6	9.79	5.68	Start Pumping Water					
10:55	12.67	8.28	402.9	2.6	5.73						
10:55	15.55	8.27	439.6	5.48	5.73						
10:56	18.43	8.3	448.7	8.36	5.73						
10:56	18.43	8.3	448.7	8.36	5.73	[Reset Volume]=0 bbl					
10:56	18.43	8.3	448.7	8.36	5.73	Start Cement Slurry					
10:56	21.31	11.9	453.3	1.63	5.68						
10:57	24.18	15.59	549.5	4.51	5.7						
10:57	27.06	15.24	499.1	7.38	5.7						
10:58	29.93	14.62	421.2	10.26	5.73						
10:58	32.81	14.74	380.	13.14	5.7						
10:59	35.69	14.44	315.9	16.02	5.73	RECEIVED					
10:59	38.57	14.59	270.1	18.9	5.7	STATE CORPORATION COMMISSION					
11:00	41.45	14.8	242.7	21.78	5.73	SEP 27 1999					

ORIGINAL

Well		Field				Service Date		Customer	Job Number
Theis W #2-5		Clark County						JIS DREYFUS NATURAL GA	20123110
Time	CumVol	Density	Pressure UI	Reset Volume	TotFlowrate	Message			
24 hr clock	bbbl	ppg	psi	bbbl	bpm				
11:00	44.33	14.68	238.1	24.66	5.73	0	0		
11:01	47.2	14.5	224.4	27.53	5.7	0	0		
11:01	50.07	14.47	219.8	30.4	5.73	0	0		
11:02	52.95	14.55	215.2	33.27	5.73	0	0		
11:02	55.82	14.94	224.4	36.15	5.7	0	0		
11:03	58.69	14.68	238.1	39.02	5.73	0	0		
11:03	61.56	14.93	242.7	41.89	5.73	0	0		
11:04	64.43	14.61	233.5	44.76	5.73	0	0		
11:04	67.31	14.59	233.5	47.63	5.7	0	0		
11:05	70.18	14.67	233.5	50.51	5.7	0	0		
11:05	73.05	14.62	233.5	53.38	5.73	0	0		
11:06	75.92	14.6	228.9	56.25	5.7	0	0		
11:06	78.8	14.5	224.4	59.12	5.7	0	0		
11:07	81.67	14.5	219.8	61.99	5.7	0	0		
11:07	84.54	14.5	219.8	64.87	5.73	0	0		
11:08	87.41	14.5	215.2	67.74	5.7	0	0		
11:08	90.17	14.59	36.63	70.5	1.62	0	0		
11:09	90.19	14.42	0	70.52	0	0	0		
11:09	92.84	9.59	238.1	73.16	5.7	0	0		
11:10	95.71	8.81	219.8	76.03	5.7	0	0		
11:10	96.2	8.82	9.16	76.53	0	0	0		
11:11	97.85	8.82	109.9	78.18	5.7	0	0		
11:11	100.7	8.81	105.3	81.05	5.73	0	0		
11:12	103.6	8.81	105.3	83.92	5.7	0	0		
11:12	106.5	8.75	105.3	10.	5.7	0	0		
11:12	106.5	8.75	105.3	10.	5.7	0	0	[Reset Volume]=10 bbl	
11:12	106.5	8.75	105.3	10.	5.7	0	0	Start Displacement	
11:13	109.3	8.75	105.3	12.87	5.7	0	0		
11:13	112.2	8.72	105.3	15.75	5.7	0	0		
11:14	115.1	8.64	105.3	18.62	5.7	0	0		
11:14	118.	8.64	109.9	21.49	5.7	0	0		
11:15	120.8	8.6	109.9	24.36	5.7	0	0		
11:15	123.7	8.57	105.3	27.23	5.7	0	0		
11:16	126.6	8.54	105.3	30.11	5.7	0	0		
11:16	129.4	8.51	105.3	32.98	5.7	0	0		
11:17	132.3	8.49	105.3	35.85	5.7	0	0		
11:17	136.2	8.43	100.7	38.72	5.73	0	0		
11:18	138.1	8.41	105.3	41.6	5.7	0	0		
11:18	140.9	8.38	105.3	44.47	5.73	0	0		
11:19	143.8	8.39	100.7	47.34	5.7	0	0		
11:19	146.7	8.32	100.7	50.21	5.73	0	0		
11:20	149.5	8.28	100.7	53.08	5.73	0	0		
11:20	152.4	8.29	100.7	55.96	5.7	0	0		
11:21	155.3	8.23	100.7	58.83	5.73	0	0		
11:21	158.2	8.2	100.7	61.7	5.7	0	0		
11:22	161.	8.2	261.	64.57	5.7	0	0		
11:22	163.9	8.15	308.8	67.44	5.7	0	0		
11:23	166.8	8.18	380.	70.31	5.7	0	0		
11:23	169.6	8.17	444.1	73.18	5.7	0	0		
11:24	172.5	8.13	517.4	76.05	5.7	0	0		
11:24	175.4	8.13	586.1	78.92	5.7	0	0		
11:25	178.1	8.13	586.1	81.79	4.78	0	0	RECEIVED	
11:25	180.5	8.11	654.8	84.	4.81	0	0	STATE CORPORATION COMMISSION	
11:26	182.9	-0.374	746.3	86.41	4.78	0	0		

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CONSERVATION DIVISION

Wichita Kansas

FROM

9-20-1999 3:59PM

ORIGINAL

Well		Field				Service Date		Customer		Job Number	
Thels W #2-5		Clark County						JIS DREYFUS NATURAL GA		20123110	
Time	CumVol	Density	Pressure U1	Reset Volume	Total Rate	Message					
24 hr clock	bbbl	ppg	psi	bbbl	bpm						
11:26	185.3	8.39	741.8	88.81	4.78	0	0				
11:27	187.1	8.48	737.2	90.67	2.85	0	0				
11:27	188.5	8.54	755.5	92.08	2.8	0	0				
11:28	189.9	8.64	792.1	93.47	2.71	0	0				
11:28	191.3	8.81	833.3	94.83	2.68	0	0				
11:29	192.1	8.88	1603	95.65	0.	0	0				
11:29	192.1	8.88	1603	95.65	0.	0	0	Bump Top Plug			
11:29	192.1	8.9	1497	95.65	0.	0	0				
11:29	192.1	8.9	1497	95.65	0.	0	0	Bleed Off Pressure			
11:30	192.1	8.97	608.2	95.65	0.	0	0				
11:30	192.1	8.97	9.16	95.65	0.	0	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	3.7	70.3	0	10	0				
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density				
800	700	300	1600	0		0 bbl	0 lb/gal				
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	Washed Thru Perfs	To				
0 %	70 bbl	96 bbl	70 °F		0 bbl	0 ft					
Customer or Authorized Representative			Dowell Supervisor								
Darril Swisher			Dave Brawley								
						<input type="checkbox"/> Circulation Lost		<input checked="" type="checkbox"/> Job Completed			

RECEIVED
STATE CORPORATION COMMISSION

SEP 27 1999

CONSERVATION DIVISION
Wichita, Kansas

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