

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 - 025-21187-0000
County Clark
C - SW Sec. 5 Twp. 35S Rge. 25 E

Operator: License # 31321
Name: Louis Dreyfus Natural Gas Corp.
Address: Suite 600
14000 Quail Springs Parkway

1320' Feet from S / N (circle one) Line of Section
1320' Feet from E / W (circle one) Line of Section

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

City/State/Zip Oklahoma City, OK 73134

Purchaser: GPM

Lease Name Theis W Well # 3-5

Field Name McKinley

Operator Contact Person: Lenora Sawyer

Producing Formation Chester

Phone (405) 748-2725

Elevation: Ground 2073' KB 2085'

Contractor: Name Abercrombie RTD, Inc.

Total Depth 6131' PBSD 6088'

License: 30684

Amount of Surface Pipe Set and Cemented at 838' Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set Feet

If Alternate II completion, cement circulated from

Oil SWD SIOW Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, WSW, Expl. Cathodic, etc.)

feet depth to w/ sx cmt

Drilling Fluid Management Plan AH-1, 12-29-99 UC.
(Data must be collected from the Reserve Pit)

If Workover:

Chloride content 300 ppm Fluid volume 1800 bbls

Operator:

Dewatering method used Evaporation

Well Name:

Location of fluid disposal if hauled offsite:

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.

Operator Name

Lease Name License No.

11/10/99 11/20/99 12/23/99
Spud Date Date Reached TD Completion Date

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 complete and correct to the best of my knowledge.

Signature Lenora Sawyer
Title Regulatory Technician Date 12/23/99

Subscribed and sworn to before me this 23rd day of December

Notary Public in and for the State of Oklahoma
Alyson Jackson

Date Commission Expires 9-24-01

K.C.C. OFFICE USE ONLY
F No Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

ORIGINAL

Operator Name Louis Dreyfus Natural Gas Corp.
Sec. 5 Twp. 35S Rge. 25 East West

Lease Name Theis W Well # 3-5
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 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
Heebner	4378'	-2293'
Toronto	4423'	-2338'
Lansing	4564'	-2479'
Marmaton	5298'	-3213'
Morrow Shale	5804'	-3719'
Chester	5884'	-3799'
E-log TD	6131'	-4046'

List All E.Logs Run:
Gamma Ray/Cement Bond Log
Compensated Neutron-Compensated Photo Density Log
Array Induction-Shallow Focused Electric Log
Micro Resistivity 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
Conductor	Driven	20"		39'			3-1/2 yds Grout
Surface	12-1/4"	8-5/8"	24#	838'	Lite Wate Cl "A"	250 150	3%cc+1/4#flocel/sk 3% cc
Production	7-7/8"	4-1/2"	11.6#	6130'	Cl "H"	200	10% salt, 10% gyp +.6% fluid loss + .2% defoamer

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	5922-26'	(4' - 8 shots)	Frac w/25,200 gal gelled 20% acid, 25,200 gal 30# crosslink gel, 20,000 gal slick water & 25 ball sealers	
4 spf	5957-73'	(16' - 64 shots)			

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	5920'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 12/21/99			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil	NA	Bbls	Gas	236
	Water	0	Bbls.	Gas:Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION

Production Interval: 5922-5973'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

ABERCROMBIE RTD, INC.
150 N. MAIN, SUITE 801
WICHITA, KANSAS 67202
(316)262-1841

DEC 27 1999

CONSERVATION DIVISION
WICHITA, KS

THEIS W #3-5
C SW/4
SEC 5-35S-25W
CLARK CO., KS

OPERATOR: Louis Dreyfus Natural Gas
CONTRACTOR: Abercrombie RTD, Inc.
RIG #:5
JOB #: 9905018

Louis Dreyfus Natural Gas Corp
 14000 Quail Springs Parkway, Ste 600
 Okla. City, OK 73134
 405-749-1300

ELEVATION: GL 2073'
KB 2078'

API #15-025-211870000

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- 11-17-99 5120' - Drilling. Drilled 765' - 24 hrs, drilling 23 1/4 hrs, rig check 3/4 hr. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839'. Cut 4281' - 111 hrs. Mud weight 9.3, Viscosity 42, PV/YP 16/6, gels 16/42, water loss 10.2, pH 10.5, chlorides 3,100, solids 4.6%. Daily mud \$2,505.00, Accum. Mud \$5,980.00. Mud mix: gel 275 sks, caustic 5 sks, soda ash 2 sks, lime 1 sk, lignite 6 sks. Bit weight 38,000, 1,100# pump, rot 80, SPM 56.
- 11-18-99 5515' - Drilling. Drilled 395' - 24 hrs, drilling 21 1/2 hrs, rig check 3/4 hr, pump repair 1 3/4 hrs. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839'. Cut 4676' - 132 1/2 hrs. Mud weight 9.2, Viscosity 50, PV/YP 12/13, water loss 10.8, pH 9.0, chlorides 3,200, solids 7.1%, LCM 2#. Daily mud \$719.00, Accum. Mud \$6,699.00. Mud mix: gel 77 sks, caustic 4 sks, soda ash 1 sk, lignite 4 sks. Bit weight 38-40,000, 1,100# pump, rot 80, SPM 54.
- 11-19-99 5778' - Tripping Pipe. Drilled 263' - 24 hrs, drilling 15 1/4 hrs, trip 7 hrs, rig check 1/2 hr, wireline 1/4 hr, checking for hole in pipe repair 1 hr. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839', out @ 5725'. Cut 4886' - 145 hrs. Bit #2, 7 7/8", WMac 52CF, SN: 030902, in @ 5725'. Cut 53' - 2 3/4 hrs. Mud weight 9.1, Viscosity 64, PV/YP 13/8, gels 11/50, water loss 11, pH 9.5, chlorides 3,300, solids 6.2%, LCM 2#. Daily mud \$2,424.00, Accum. Mud \$9,123.00. Mud mix: gel 168 sks, caustic 10 sks, soda ash 3 sks, lignite 4 sks, lime 10 sks, cedar fib 35 sks. Deviation 3/4" @ 5725'. Bit weight 38,000, 1,100# pump, rot 80, SPM 56.
- 11-20-99 6125' - CFS. Drilled 347' - 24 hrs, drilling 18 1/2 hrs, trip 3 hrs, rig check 3/4 hr, circulate 1/2 hr, work on pump repair 1 1/4 hrs. Bit #2, 7 7/8", WMac 52CF, SN: 030902, in @ 5725', out @ 6125'. Cut 400' - 21 1/4 hrs. Mud weight 9.0, Viscosity 55, PV/YP 14/17, gels 18/49, water loss 11.6, pH 10.0, chlorides 4,100, solids 5.8%, sand-nc, LCM 1#. TD @ 6:30 a.m. on 11-20-99. Daily mud \$672.00, Accum. Mud \$9,795.00. Mud mix: gel 30 sks, caustic 4 sks, lignite 9 sks, hulls 11 sks, cedar fib 10 sks. Bit weight 38-40,000, 1,100# pump, rot 75-80, SPM 54.
- 11-21-99 6131' - Run Csgs. Trip 6 hrs, circulate 4 1/4 hrs, logging 5 1/2 hrs, run casing 2 3/4 hrs, laydown pipe 4 hrs, rig up CSG & Safety meeting. 1 1/2 hrs. Mud weight 8.9, Viscosity 45. Daily mud \$405. RT Trucking, Accum. Mud \$10,200.00. Deviation 1" @ 6131.
- 11-22-99 6131'. Circulate 1/2 hr, run casing 1 1/4 hrs, cementing 1 1/2 hrs, cellar work 2 3/4 hrs, tear down 10 hrs. Mud weight 8.7, Viscosity 36. Chlorides 300, calcium 180, volume 1,800. Run a total of 158 jts 11.60# 4 1/2", K55, tally 6'150', set @ 6130'. Cement w/191 sks, Class H, 10% salt, 10% Gipson, 0.6% FLA, 0.2% Anti soamer. Plug down @ 10:15 a.m. on 11-21-99. Job by Dowell.

ABERCROMBIE RTD, INC.
150 N. MAIN, SUITE 801
WICHITA, KANSAS 67202
(316)262-1841

DEC 27 1999

CONSERVATION DIVISION
WICHITA, KS

THEIS W #3-5
 C SW/4
 SEC 5-35S-25W
 CLARK CO., KS

OPERATOR: Louis Dreyfus Natural Gas
 CONTRACTOR: Abercrombie RTD, Inc.
 RIG #:5
 JOB #: 9905018

Louis Dreyfus Natural Gas Corp
 14000 Quail Springs Parkway, Ste 600
 Okla. City, OK 73134
 405-749-1300

ELEVATION: GL 2073'
 KB 2078'

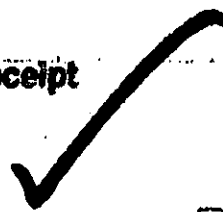
API #15-025-211870000

PAGE 1

- 11-09-99 Set 39' 20" conductor w/3 ½ yds cement.
- 11-10-99 MIRU.
- 11-11-99 604' - Drilling. Drilled 565' - 24 hrs, drilling 7 hrs, MIRU 13 ½ hrs, rathole 1 hr, PU collars 2 ½ hrs. Bit #1, 12 1/4", Varel L117, SN: 149525, in @ 39'. Cut 565' - 7 hrs. Mud weight 9.4, Viscosity 36. Contacted Scott Alberg @ KCC @ 11:15 a.m. on 11-10-99. Spud @ 9:30 p.m. on 11-10-99. Deviation 3/4° @ 129'. Mud mix: gel 50 sks, lime 5 sks, hulls 10 sks. Bit weight 15,000, 800# pump, rot 140, SPM 56.
- 11-12-99 839' - Installing BOP. Drilled 235' - 24 hrs, drilling 3 3/4 hrs, trip 3/4 hr, circulate 1 hr, wireline 1/4 hr, run casing 2 1/4 hrs, cementing 3/4 hr, BOP repair 1 hr, wait on cementers 2 1/4 hrs, WOC 12 hrs. Bit #1, 12 1/4", Varel L117, SN: 149525, in @ 39', out @ 839'. Cut 800' - 10 3/4 hrs. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839'. Mud weight 9.3, Viscosity 36. Daily mud \$627.00, Accum. Mud \$927.00. Mud mix: gel 65 sks, soda ash 1 sk, lime 8 sks, hulls 6 sks. Deviation 3/4° @ 839'. Bit weight 15,000, 800# pump, rot 140, SPM 56. Ran 19 jts new 24#, 8 5/8", J55, tally 827.40', set @ 838' w/250 sks Lite, 3% cc, 1/4# Floseal, 150 sks Class A, 3% cc, 2% gel. Cement did circulate. Plug down @ 6:00 p.m. Job by Allied.
- 11-13-99 2090' - Drilling. Drilled 1251' - 24 hrs, drilling 20 1/4 hrs, rig check ½ hr, repair 2 1/4 hrs, drill plug 1 hr. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839'. Cut 1251' - 20 1/4 hrs. Mud weight 9.0, Viscosity 28. Daily mud \$927.00. Bit weight 30,000, 1,100# pump, rot 80, SPM 56.
- 11-14-99 2900' - Drilling. Drilled 810' - 24 hrs, drilling 22 ½ hrs, rig check 3/4 hr, pump repair 3/4 hr. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839'. Cut 2061' - 42 3/4 hrs. Mud weight 9.6, Viscosity 30, pH 7.0, chlorides 104,000, solids 6.8%. Daily mud \$1,230.00, Accum. Mud \$2,157.00. Mud mix: gel 85 sks, soda ash 10 sks. Bit weight 35,000, 1,100# pump, rot 80, SPM 56.
- 11-15-99 3665' - Drilling. Drilled 765' - 24 hrs, drilling 22 hrs, rig check 3/4 hr, swivel repair 1 hr, displace 1/4 hr. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839'. Cut 2826' - 64 3/4 hrs. Mud weight 9.2, Viscosity 33, PV/YP 6/13, gels 10/21, water loss 14.6, pH 7.5, chlorides 8,600, solids 2.6%. Daily mud \$909.00, Accum. Mud \$3,066.00. Mud mix: gel 110 sks, soda ash 5 sks, hulls 3 sks. Bit weight 38,000, 1,100# pump, rot 80, SPM 56.
- 11-16-99 4355' - Drilling. Drilled 690' - 24 hrs, drilling 23 hrs, rig check 3/4 hr, displace 1/4 hr. Bit #1, 7 7/8", WMac 51F, SN: 059069, in @ 839'. Cut 3516' - 87 3/4 hrs, Mud weight 8.9, Viscosity 44, PV/YP 6/20, gels 15/20, pH 7.5, chlorides 9,200, solids 6.6%. Daily mud \$409.00, Accum. Mud \$3,475.00. Mud mix: gel 25 sks, caustic 2 sks, lime 6 sks, lignite 2 sks. Bit weight 38,000, 1,100# pump, rot 76, SPM 56.

P.2
ORIGINAL
 361933
DRAFT

Service Order Receipt



Dowell
 Dowell, A Division of Schlumberger Technology Corp.
 204 S Main St
 Uyedah, KS

Job Number
 20133712

Invoice Billing Address: LOUIS DREYFUS NATURAL GAS CO 1400 QUAIL SPRINGS PKWY, SUITE 600 OKLAHOMA CITY, OK 73134 US	ARRIVE LOCATION	Date	11/21/99	Time	2:30:00 AM
	JOB START	Date	11/21/99	Time	9:00:00 AM
	JOB COMPLETION	Date	11/21/99	Time	10:15:00 AM
	LEAVE LOCATION	Date	11/21/99	Time	11:00:00 AM
Service Instructions					
Service Description Corroting - Cem Prod Casing					

Customer PO	Contract	APR	Rig
D	D	D	AMERCRONBIE RTD S
Well	State/Province	Company/Part/Club	Legal Location
Then W 35	KANSAS	Clark	Sec. 32-34S-25W
PLM	Customer or Authorized Representative		
Leanne	Dorell Swisher		

Item	Description	Quantity	Unit	Unit Price	Amount
Services					
102871088	Casing Crwd 6001-6500 1st Gr	1	EA	2,409.00	2,409.00
48018000	Cement Bulk Unit hrs On Location	2	HR	76.00	152.00
48020000	Cement Pump-add. hr On Locat	2	HR	300.00	600.00
48010000	Cement Head Rental	1	JOB	63.00	63.00
49100000	Service Chg Cement Mill Land All CWY Fur	232	CF	1.85	429.20
49102000	Transportation Cement Ton Mile	527	MI	1.30	700.91
59020002	Mileage, All Other Equipment	50	MI	3.47	173.50
59097000	PACR Treatment Analysis Recorder	1	JOB	220.00	220.00
Service Subtotal:					4,787.61
Products					
60101044	Shoe Guide Cement Type 4 1/2 In	1	EA	140.00	140.00
53003044	Inert, On/ice Fill	1	EA	270.00	270.00
58011044	Centralizer, Regular	12	EA	70.00	840.00
58018044	Ring, Stop Hinge Bolt	1	EA	20.00	20.00
58702044	Plug, Cementing 4 1/2 In Top Plastic	1	EA	59.00	59.00
0044	S&S, Granulated D44	1285	LB	0.16	202.40
0046	Antifoam agent, All Purpose D46	35	LB	3.90	136.50
0053	Cement Agent D53	1780	LB	0.51	907.80
0030	FLAC (fm) Fluid Loss Additive D60	105	LB	10.64	1,118.12
0928	Chemical Wash CW7 D626	420	GA	0.88	368.72
0909	Cement, Class H D909	190	CF	10.86	2,063.40
K232	Thread Locking Compound Kit K232	1	EA	34.00	34.00
Products Subtotal:					8,186.94

DEC 27 1999

CONSERVATION DIVISION
 WICHITA, KS



Service Order Receipt

DRAFT

Dowell
Dowell, A Division of Schumtarger Technology Corp.
204 S Missouri

Job Number
20133712

Item	Description	Quantity	Unit	Unit Price	Amount
Subtotal (Before Discount):				10,988.88	
Discount:				4,862.37	
Special Discount:				0.00	
				Estimated Total (USD):	6,126.51
The estimated charges above are subject to correction by Dowell.					
<small>Service Receipt: I certify that the materials and services listed were received and all services performed to a workable manner</small>		<small>Signature of Customer or Authorized Representative</small> <i>Daryn McCoy</i> Daryn McCoy		<small>Signature of Dowell Representative</small> Luther Stover	

Thank you for Calling Dowell!

RECEIVED

DEC 27 1999

CONSERVATION DIVISION
WICHITA, KS

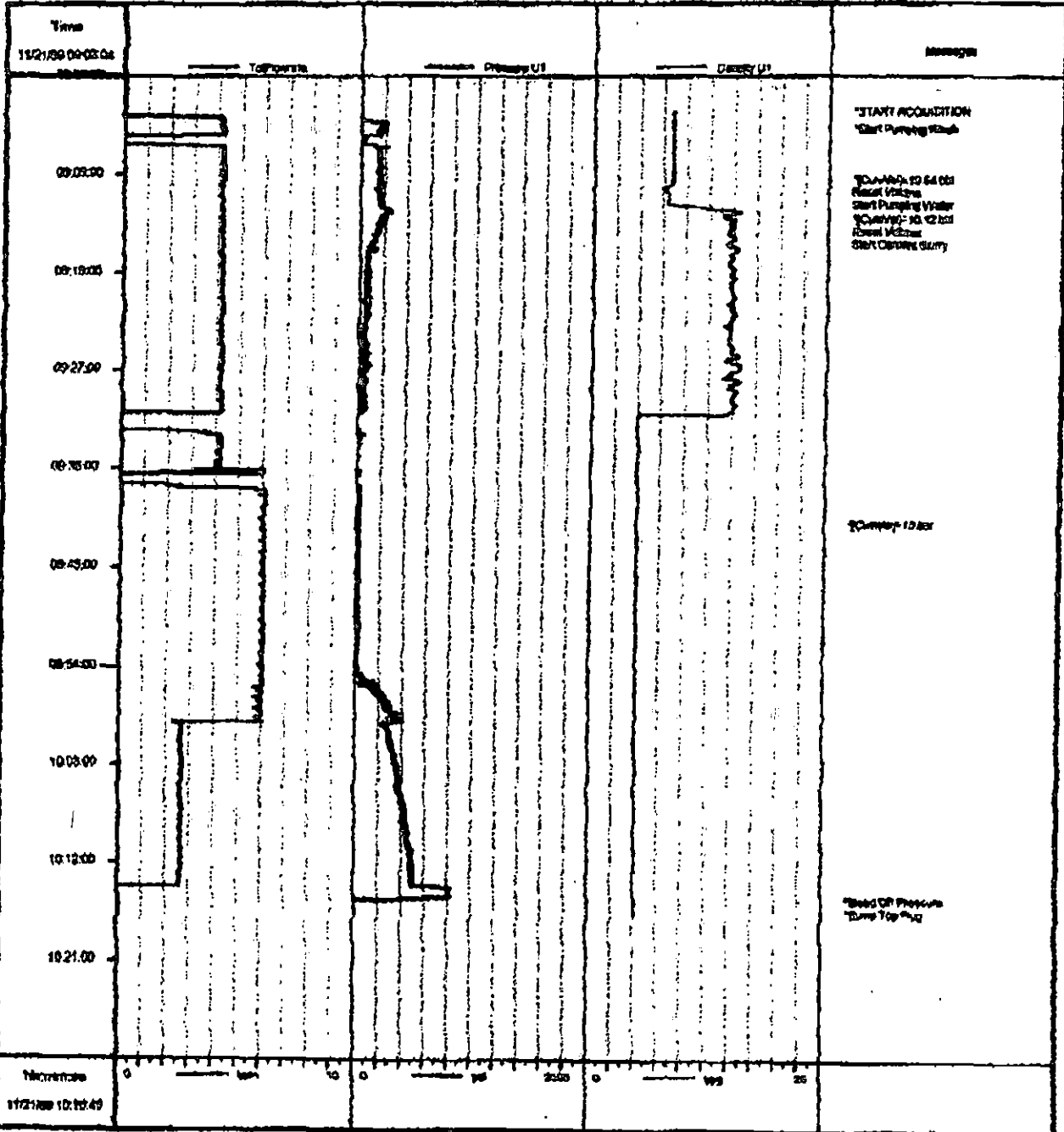
Schlumberger

Cementing Job Report

PRISM V2.23

Duwell

Well	Thera #3-5	Client	Louis Dreyfus Natural Ga
Field	Lavern	SIR No.	20133712
Country	USA	Job Date	11/21/99 9:03:04 AM



450 cm/min

11/21/99 10:13:49

* Work of Schlumberger

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 27 1999

CONSERVATION DIVISION
WICHITA, KS

This Week			Last Week			Current Sub		Customer		Job Number	
Time	Current	Quality	Elapsed Time	Pressure	Yield			J&S DREYFUS NATURAL GAS		20138712	
24 hr clock	hr	ppm	hr	psi	ppm			Message			
8:18	18.21	14.8	13.1	73.25	411	0	0				
8:17	22.4	14.48	14.11	88.68	419	0	0				
8:18	28.98	14.85	15.12	73.28	417	0	0				
8:19	30.78	14.81	18.12	50.37	417	0	0				
8:20	34.97	15.11	17.13	88.68	417	0	0				
8:21	39.16	14.84	18.13	73.25	417	0	0				
8:22	43.35	14.83	19.14	77.84	417	0	0				
8:23	47.53	14.8	20.15	41.21	417	0	0				
8:24	51.73	14.88	21.15	77.84	417	0	0				
8:25	55.92	14.84	22.16	41.21	417	0	0				
8:26	60.11	15.7	23.17	41.21	417	0	0				
8:27	64.3	14.61	24.17	50.37	417	0	0				
8:28	68.48	14.68	25.18	32.05	417	0	0				
8:29	72.68	15.08	26.19	64.1	419	0	0				
8:30	76.87	15.08	27.19	27.47	417	0	0				
8:31	79.32	5	28.2	-9.18	0	0	0				
8:32	79.32	5	29.21	0	0	0	0				
8:33	82.24	5	30.21	4.98	417	0	0				
8:34	86.43	5	31.22	-9.18	417	0	0				
8:35	90.6	5	32.23	-4.98	419	0	0				
8:36	95.25	5	33.23	13.74	604	0	0				
8:37	95.69	5	34.24	-9.18	0	0	0				
8:38	100.2	5	35.25	18.32	6.1	0	0				
8:39	108.3	5	36.25	9.16	6.1	0	0				
8:40	112.4	5	37.26	4.98	6.07	0	0				
8:40	112.4	5	37.26	4.98	6.07	0	0	[CurVol]-10 bbl			
8:41	14.18	5	38.27	22.89	6.07	0	0				
8:42	20.3	5	39.27	22.89	6.1	0	0				
8:43	26.41	5	40.28	9.16	6.1	0	0				
8:44	32.51	5	41.28	22.89	6.1	0	0				
8:45	38.62	5	42.28	4.98	6.1	0	0				
8:46	44.73	5	43.3	22.89	6.1	0	0				
8:47	50.84	5	44.3	13.74	6.07	0	0				
8:48	56.95	5	45.31	27.47	6.07	0	0				
8:49	63.06	5	46.32	27.47	6.07	0	0				
8:50	69.16	5	47.32	22.89	6.07	0	0				
8:51	75.28	5	48.33	18.32	6.07	0	0				
8:52	81.35	5	49.34	22.89	6.07	0	0				
8:53	87.48	5	50.34	9.16	6.07	0	0				
8:54	93.56	5	51.35	13.74	6.07	0	0				
8:55	99.65	5	52.36	36.63	6.07	0	0				
8:56	105.7	5	53.36	28.5	6.01	0	0				
8:57	111.7	5	54.37	31.4	6.01	0	0				
8:58	117.7	5	55.37	42.5	5.98	0	0				
8:59	122.7	5	56.38	38.8	2.85	0	0				
10:00	128.4	5	57.39	37.8	2.85	0	0				
10:01	134.1	5	58.39	42.9	2.85	0	0				
10:02	139.7	5	59.4	41.2	2.85	0	0				
10:03	153.4	5	60.41	45.3	2.85	0	0				
10:04	138	5	61.41	45.3	2.85	0	0				
10:05	138.7	5	62.42	45.3	2.85	0	0				
10:06	141.3	5	63.43	49.8	2.85	0	0				
10:07	144	5	64.43	51.8	2.85	0	0				

REG 87 v2 1.5A

KANSAS CORPORATION COMMISSION

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DEC 27 1999

CONSERVATION DIVISION
WICHITA, KS

Well		FRAC				Service BBL	Occurrence	Job Number
This W #3-5		LIVESTR					HS DREYFUS NATURAL GA	20133712
Time	Control	Control Bbl	Elapsed Time	Pressure Pt	Temperature			Message
24 hr avg	bbl	avg	min	psi	deg			
10:08	148.6	5	65.44	549.5	2.63	0	0	
10:09	148.3	5	66.45	603.2	2.63	0	0	
10:10	151.9	5	67.46	567.5	2.66	0	0	
10:11	154.8	5	68.48	600	2.65	0	0	
10:12	157.2	5	69.47	613.6	2.65	0	0	
10:13	159.9	5	70.47	622.7	2.66	0	0	
10:14	161.6	5	71.48	1026	0	0	0	
10:15	161.5	5	71.48	1026	0	0	0	Bleed Off Pressure
10:16	161.5	5	71.48	1026	0	0	0	Bump Top Plug
10:16	161.5	6	72.48	-4.58	0	0	0	
10:16	161.5	5	72.48	-4.58	0	0	0	float holding
10:18	161.5	5	73.48	-4.58	0	0	0	
Post Job Summary								
Average Pump Rate, bpm					Volume of Fluid Injected, bbl			
Max	Min	Avg	Max	Min	Total	Surf	Down	Net
4	0	0	0	4	56	0	10	0
Treating Pressure Summary, psi					Breakdown Fluid			
Max	Min	Average	Surf Plug In	Breakdown	Type	Volume	Quantity	
660	0	0	1100	0		0 bbl	0 bbl	
Avg. Gel Percent	Oxidized Cherry Volume		Shut-in Time	Min. Water Temp	Cement Circulated to Surface		Volume	
0 %	56 bbl		94.4 bbl	65 °F	<input type="checkbox"/>		0 bbl	
Cemented or Displaced Regenerant			Depth of Regenerant		<input type="checkbox"/>		0 ft	
Darrell Swanson			Luther Stoner		<input type="checkbox"/>		Job Complete	

DEC 27 1999

Service Authorization

21-Nov-99



Dowell, A Division of Schlumberger Technology Corp.
204 S. Missouri
Olathe, KS

Job Number
20133712

Invoice Mailing Address: LOUIS DREYFUS NATURAL GAS CO 14000 QUAIL SPRINGS PKWY, SUITE 600 OKLAHOMA CITY, OK 73134 US		ARRIVE LOCATION		Date 11/21/99	Time 2:30:00 AM
Customer PO D		Contract O		Service Instructions Commenting - Can Prod Casing	
Unit This W 35		State/Province Kansas		Service Description ABE No ABERCROMBIE RTD 5	
Field Lavette		Operator Clark		Legal Location Sec. 32-345-25W	
		Customer or Authorized Representative Darrell Swisher			

Dowell will furnish and customer shall purchase materials and services required in the performance of the following service instructions in accordance with the general terms and conditions as printed on the reverse side of this service order and/or attached to this service order.

Comments

Service Order authorizes work to begin as per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attached to this form and reported that I have authority to accept and sign this order.

Signature of Customer or Authorized Representative
Darrell Swisher
Darrell Swisher

Signature of Dowell Representative
Luther Garner

Thank you for Calling Dowell!

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 27 1999

CONSERVATION DIVISION
WICHITA, KS