

COPY

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

API NO. 15- 025-21189-00-00

Operator: License # 31321

County Clark

Name: Louis Dreyfus Natural Gas Corp

160' S & 10' E of
E/2 - W/2 - N - Sec. 5 Twp. 35S Rge. 25 X W

Address Suite 600

1480' NE NE SW NW Feet from S (circle one) Line of Section

14000 Quail Springs Parkway

1000' Feet from E (circle one) Line of Section

City/State/Zip Okla. City, OK 73134

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

Purchaser: GPM

Lease Name Theis W Well # 2-5

Operator Contact Person: Bob Blevins

Field Name McKinney

Phone (405) 749-1300

Producing Formation Chester

Contractor: Name: Abercrombie RTD, Inc.

Elevation: Ground 2068' KB 2080'

License: 30684

Total Depth 6100' PBDT 6044'

Wellsite Geologist: NA

Amount of Surface Pipe Set and Cemented at 829 Feet

Designate Type of Completion
 New Well Re-Entry Workover

Multiple Stage Cementing Collar Used? Yes No

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

If yes, show depth set _____ Feet

If Workover:

If Alternate II completion, cement circulated from _____

Operator: _____

feet depth to _____ w/ _____ sx cmt.

Well Name: _____

Drilling Fluid Management Plan AH-1, 10-26-99 U.C.
(Data must be collected from the Reserve Pit)

Comp. Date _____ Old Total Depth _____

Chloride content 2800 ppm Fluid volume 800 bbls

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

Dewatering method used Evaporation

9/9/99 9/19/99 10/15/99

Location of fluid disposal if hauled offsite: _____

Spud Date _____ Date Reached TD _____ Completion Date _____

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 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 Dawyer
Title Regulatory Technician Date 10/15/99

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) Jim

Subscribed and sworn to before me this 15th day of October, 19 99.

Notary Public Lorrie A. Renfro

Date Commission Expires 9-01-01



Operator Name Louis Dreyfus Natural Gas Corp Lease Name Theis W Well # 2-5
 Sec. 5 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	4358'	-2278
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	4404'	-2324
List All E.Logs Run:		Lansing	4532'	-2452
High Resolution-Dual Induction Focused		Marmaton	5268'	-3188
Gamma Ray Log		Morrow Shale	5770'	-3690
Compensated Z-Densilog CN Minilog - GR		Chester	5838'	-3758
Cement Bond Log - GR - CCL		E-log TD	6102'	-4022

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	24#	829'	Lite Water Class "A"	250 150	8% gel w/3%cc 3%cc
Production	7-7/8"	4-1/2"	11.6#	6099'	Premium	225	10% Calseal, 10% Salt .6% Halad 322

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surf 832'	Cl "A" w/3%cc	100	Finished cementing surface casing w/no returns. Ran 150' of 1" pipe in annulus. Pumped 100 sx. cement. Circulated cmt. in cellar. POH w/1" pipe.

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 spf 1 spf	5974-80' 5932-34'		Fraced w/36000 gal X-link 30# gel 2% KCl trtd.wtr; 36000
2 spf 1 spf	5914-26' 5868-72'		gal 20% gelled HCl acid & 10,000 gal slick 2% KCl trtd. wtr. All fluids were pumped @ 30 quality CO2.	
1 spf 1 spf	5852-56' 5840-44'			

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	5950'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
10/9/99			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	600	16	NA	NA

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 5840-5980'
 (If vented, submit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., INC.

270 COPY

Federal Tax I.D.

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

SERVICE POINT:
med. lodge, ks.

DATE <u>9-10-99</u>	SEC. <u>5</u>	TWP. <u>35S</u>	RANGE <u>25W</u>	CALLED OUT <u>2:00 A.M.</u>	ON LOCATION <u>5:00 A.M.</u>	JOB START <u>11:15 A.M.</u>	JOB FINISH <u>3:00 P.M.</u>
LEASE <u>Theis</u>		WELL# <u>2-5</u>	LOCATION <u>Englewood, ks. 4 1/4 W - 1/2 S</u>		COUNTY <u>CLARK</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)			<u>15-025-21189-00 CO</u>				

CONTRACTOR <u>Abercrombie RTD</u>	OWNER <u>Louis Dreyfus NATURAL GAS</u>
TYPE OF JOB <u>Surface Csg.</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>829'</u>
CASING SIZE <u>8 5/8 x 24</u>	DEPTH <u>829'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>100</u>	MINIMUM <u>50</u>
MEAS. LINE	SHOE JOINT <u>41.82</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>52 Bbls Fresh H₂O</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Larry Dreiling</u>	
# <u>352</u> HELPER <u>Shane Winsor</u>	
BULK TRUCK	
# <u>240</u> DRIVER <u>mark Brungardt</u>	
BULK TRUCK	
#	DRIVER

COMMON A <u>250</u>	@ <u>7.55</u>	<u>1887.50</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>17</u>	@ <u>28.00</u>	<u>476.00</u>
GATEWATE <u>250</u>	@ <u>6.65</u>	<u>1662.50</u>
FLO-SEAL <u>63#</u>	@ <u>1.15</u>	<u>72.45</u>
	@	
	@	
HANDLING <u>500</u>	@ <u>1.05</u>	<u>525.00</u>
MILEAGE <u>500 x 78</u>	<u>.04</u>	<u>1560.00</u>
		TOTAL <u>\$6183.45</u>

REMARKS:	SERVICE
<u>Pipe on Bottom - Break Circ.</u>	DEPTH OF JOB <u>829'</u>
<u>mix + Pump 250sx. Litemate + 3%cc</u>	PUMP TRUCK CHARGE <u>580.00</u>
<u>1/4# Flo-Seal 150sx CLASS A + 3%cc</u>	EXTRA FOOTAGE @
<u>Release Plug Pump + Displace Plug</u>	MILEAGE <u>78</u> @ <u>2.85</u> <u>MC</u>
<u>w/ 52 Bbls. Fresh H₂O. Did not Bump Plug</u>	PLUG TOP Rubber @ <u>90.00</u> <u>90.00</u>
<u>loss Returns, Run 150' 1" Cement</u>	@
<u>100sx. CLASS A + 3%cc. Cement circ.</u>	@
<u>In Cellar</u>	
	TOTAL <u>\$670.00</u>

CHARGE TO: Abercrombie RTD

STREET _____

CITY _____ STATE _____ ZIP _____

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.

FLOAT EQUIPMENT	
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	
TAX _____	
TOTAL CHARGE <u>\$6853.45</u>	
DISCOUNT <u>1370.69</u>	IF PAID IN 30 DAYS
NET # <u>5482.76</u>	

SIGNATURE x W.C. Craig PRINTED NAME W.C. CRAIG

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STATE CORPORATION COMMISSION

OCT 20 1999

CONSERVATION DIVISION
Wichita, Kansas

JOB SUMMARY

REGION North America	NWA/COUNTRY CENTRAL	BDA/STATE KANSAS
NEW ID/EMP # MCB0107-106973	EMPLOYEE NAME ROBERT WALDEN	PBL DEPARTMENT ZT
LOCATION BURNS FLAT, OK	COMPANY LOUIS DREYFUS NATURAL GAS	CUSTOMER REP / PHONE LEONARD FRANKLIN 405-202-2923
TICKET AMOUNT	WELL TYPE 02	API / UWI # 15-025-21189-00-00
WELL LOCATION W/ENGLEWOOD, KS	DEPARTMENT ZT	JOB PURPOSE CODE 055 Cement 4 1/2 Production Casing
LEASE / WELL # THEIS # 2-5	SEC / TWP / RNG 5-359-25W	

COPY

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
R. WALDEN-106973	9						
R. PATTERSON-106240	9						
L. HALL-105890	9						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420213	320						
53920-78335	320						
54219-75337	320						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth **6140**

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar	1	
Float Shoe		
Guide Shoe	1	
Centralizers	10	
Bottom Plug		
Top Plug 5 1/2 Blun.	1	
Head G LATCH	1	
Packer		
Other		

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Partpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
9-19-99	1330	9-19-99	1900	9-20-99	0315
				0815	0355

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	16.5	4 1/2	0	6128	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
9-19-99	5	9-20-99	1	CEMENT 4 1/2 PRODUCTION CASING
9-20-99				
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED _____ Avail. _____ Used _____
AVERAGE RATES IN BPM
 TREATED _____ Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 FEET **41** Reason **Requested Shoe Joint**

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	225	PREMIUM	107	10% CALSAL - 10% GALT - 5% HALAD-322	1.56	14.6

Circulating _____	Displacement _____	Prefluc: Gal - BB 10	Type H2O
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BB	Pad: BB - Gal
Average _____	Frac Gradient _____	Treatment Gal - BB	Disp: BB - Gal 94.5
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BB 63.1	
		Total Volume Gal - BB	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
 THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER'S REPRESENTATIVE SIGNATURE _____

OCT 20 1999

JOB LOG

REGION North America	NWA/COUNTRY USA	STATE KS
MR ID / EMP # HACKERID-104473	EMPLOYEE NAME R. EET WALDEN	PEL DEPARTMENT ZT
LOCATION East OK	COMPANY Louis Degebus Natural Gas	CUSTOMER REF / PHONE FRANKLIN 412-211-2111
TICKET AMOUNT	WELL TYPE	API / UWI # 151025-21189-00000
WELL LOCATION TUBER # 2-5	DEPARTMENT ZT	JOB PURPOSE CODE 35 Cement 1/2 Portment
LEASE / WELL #	SEC / TWP / RNG E. 25 N - 25 W	

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
R. WALDEN-104473							

COPY

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	TB	CS	
0300	0300	50	520					Called out
0305	0305	50	520					On location Safety meeting
0310	0310	50	520					Rig up
								Safety meeting
	0315	0	10	1		200		H2O ahead
	0321	6%	63.1	1		100		Mix cement
	0333							Wash up truck
	0340	6%	94.3	1		750		Displace
	0354			1		1250		Land Plug
	0355							Check float (OK)
	0400							Rig down
	0405							Safety meeting
	0430							Job Complete

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Wichita, Kansas