

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: Duke Energy
Operator Contact Person: Lenora Sawyer
Phone (405) 748-2725

Contractor: Name Val Energy
License: 5822

Wellsite Geologist: NA

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ 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. _____
6/25/00 7/2/00 8/7/00
Spud Date Date Reached TD Completion Date

API NO. 15 - 025-21212
County Clark
____ - NE - SW - SW Sec. 2 Twp. 35S Rge. 25 X E / W
1240' Feet from S / N (circle one) Line of Section
1095' 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 Theis W Well # 2-2X
Field Name McKinney

Producing Formation Chester
Elevation: Ground 1989' KB 1994'
Total Depth 6020' PBTB 5935'

Amount of Surface Pipe Set and Cemented at 838' Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 838'

feet depth to Surface w/ 425 sx cmt

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 4050 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 complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Lenora Sawyer

Regulatory Technician Date 8/14/00

Subscribed and sworn to before me this 14th day of August

Janie R. Ruff

Notary Public
My Commission Expires 9-01-01

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

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name Theis W Well # 2-2X
 Sec. 2 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 ☒ 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.)

List All E.Logs Run:

Minilog-Gamma Ray-X-Y Caliper Log
 Compensated Z-Densilog Compensated Neutron-GR-X-Y Caliper
 High Definition Induction Log-GR-Caliper
 Gamma Ray / Cement Bond Log

Name	Top	Datum
B. Heebner	4296'	-2302'
Lansing	4494'	-2500'
Marmaton	5186'	-3192'
Cherokee	5402'	-3408'
Morrow Shale	5692'	-3698'
Chester	5720'	-3726'
E-log TD	6019'	-4025'

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		20"		124'			
Surface	12-1/4"	8-5/8"	24#	838'	Litewate & Class "A"	425	3%cc+2%gel+1/4# flocele/sk
Production	7-7/8"	4-1/2"	11.6#	6020'	Class "H"	265	.25%D167,.2%D65 & .2%D46

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
1 spf	5750-54'	Frac w/36000 gal gelled water (30% CO2)	5750-
1 spf	5784-86'	+36000 gal gelled 20% HCl (30% CO2) +	5865'
1 spf	5800-04'	20000 gal slick water	
2 spf	5808-16'		
1 spf	5828-30'		
1 spf	5832-37'		
1 spf	5861-65'		

TUBING RECORD	Size 2-3/8"	Set At 5738'	Packer At NA	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 7/31/2000	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil 0 Bbls	Gas 208 Mcf	Water 3 Bbls.	Gas-Oil Ratio NA Gravity NA

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If Vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify) _____