

COPY

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

Operator: License # 31321Name: Louis Dreyfus Natural Gas Corp.Address 14000 Quail Springs ParkwaySuite 600City/State/Zip Oklahoma City, OK 73134Purchaser: N/AOperator Contact Person: Robert BlevinsPhone (405) 749-1300Fracture Name: Val EnergyLicense: 5822Wellsite Geologist: N/A

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☒ SWD ☐ SLOW ☐ 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 ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____12/11/98

Spud Date

12/30/98

Date Reached TD

1/14/99

Completion Date

API NO. 15- 075-20692County Hamilton- SE - SE - SE Sec. 22 Twp. 23S Rge. 41 X ^E _W330 Feet from S (circle one) Line of Section330 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)Lease Name HCU Well # 2231-E SWDField Name BradshawDisposal
Producing Formation ArbuckleElevation: Ground 3413' KB 3418'Total Depth 6500' PBTD 6500'Amount of Surface Pipe Set and Cemented at 1941 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan OH. 10-29-99 U.C.
(Data must be collected from the Reserve Pit)Chloride content 12,000 ppm Fluid volume 800 bblsDewatering 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 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 James D. BryanTitle Regional Technician Date 1/14/99Subscribed and sworn to before me this 14th day of January, 1999Notary Public James D. BryanDate Commission Expires 9-24-01

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

Y900

SIDE TWO

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 2231-E SWDSec. 22 Twp. 23S Rge. 41☐ EastCounty Hamilton☒ West

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 ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

Micro-Resistivity, Array Induction,
Comp. Neutron, CBL

☒ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum

See attached

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#, J-55	1941'	Halco Light Premium	685	2% CC, 1/4# CF
					Premium	150	2% CC, 1/4# CF
Production	7 7/8"	5 1/2"	15.5#, K-55	6030'	Midcon Light Premium	350	2% CC, 1/4# CF
					Premium	200	10% Cal-seal, 10% Salt, .8% Halad-322

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 Material Used)	Depth
		15,000 gal. 15% HCL w/corr.	
		inhb. & fraction reducer	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	5979'	5979'	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj.	Producing Method			☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Disposal ~~XXXXXXXXXX~~ Interval

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

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled 6030'-6500'
☐ Other (Specify) _____