

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

API NO. 15 - 075-20754-0000 ORIGINAL
County Hamilton
- NE - SW - SW Sec. 31 Twp. 21S Rge. 41 X W ^E

Operator: License # 31321
Name: Louis Dreyfus Natural Gas Corp.
Address: Suite 600
14000 Quail Springs Parkway
City/State/Zip Oklahoma City, OK 73134

1250' Feet from S / N (circle one) Line of Section
1250' Feet from E / W (circle one) Line of Section

Purchaser: Oneok Field Services
Operator Contact Person: Lenora Sawyer
Phone (405) 748-2725

Footages Calculated from Nearest Outside Section Corner:
NE SE NW or SW (circle one)
Lease Name HCU Well # 3111-B

Contractor: Name Cheyenne Drilling Co.
License: 5382
Wellsite Geologist: NA

Field Name Bradshaw
Producing Formation Chase
Elevation: Ground 3692.4' KB 3698.4'
Total Depth 2930' PBDT 2880'

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl. Cathodic, etc.)

Amount of Surface Pipe Set and Cemented at 320' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2930'
feet depth to Surface w/ 550 sx cmt.

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. _____
7/30/01 8/1/01 8/30/01
Spud Date Date Reached TD Completion Date

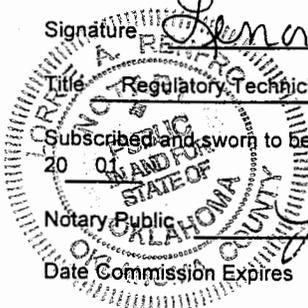
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 19000 ppm Fluid volume 800 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp S Rng. E / W
County _____ 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 compiled with and the statements herein are complete and correct to the best of my knowledge.

Signature Lenora Sawyer
Title Regulatory Technician Date 9/17/01
Subscribed and sworn to before me this 17th day of September
20 01
Notary Public Lorrie A. Renfro
Date Commission Expires 9-01-05

K.C.C. OFFICE USE ONLY		
F	<u>AID</u>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other (Specify)



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Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 3111-B
 Sec. 31 Twp. 21S Rge. 41 East West
 County Hamilton

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 Name Top Datum
 Cores Taken Yes No See Attached Driller's Log
 Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 Gamma Ray / CCL

CASING RECORD							
<input checked="" type="checkbox"/> New <input 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	12-3/4"	8-5/8"	24#	320'	Class "C"	200	2% cc + 1/4# flocele
Production	7-7/8"	4-1/2"	10.5#	2926'	Class "C"	350	3% D79+1/4# D29
					Class "C"	200	2% S1 + 1/4# D29

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Materials Used)	Depth
3 spf	2730-2750' (20')		Acidize w/1000 gal 50Q 15% HCl acid. Frac w/5000 gal 65Q foam pad + 11,000 gal 65Q foam w/16000# 12/20 brown sand + 16000# CR-4000 resin coated sand. Flush w/1860 gal 65Q foam flush.	2730-2750'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	2809'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 8/17/01			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil NA Bbls	Gas 595 Mcf	Water 18 Bbls.	Gas-Oil Ratio NA	Gravity NA

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