

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM JUL 21 1998 ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE

Operator: License # 31321 CONSERVATION DIVISION WICHITA, KS Name: Louis Dreyfus Natural Gas Corp. Address 14000 Quail Springs Parkway Suite 600 city/State/Zip Oklahoma City, OK 73134 Purchaser: KN Energy Operator Contact Person: Terrye D. Bryant Phone (405) 749-5287 Contractor: Name: Welltech Midcontinent, Inc. License: 32234 Wellsite Geologist:

Designate Type of Completion New Well Re-Entry X Workover Oil SWD S10W Temp. Abd. X Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover: Operator: Louis Dreyfus Natural Gas Corp Well Name: HCU 3411-B Comp. Date 9/15/88 Old Total Depth 5500' Deepening X Re-perf. Conv. to Inj/SWD Plug Back PBTD Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No. 3/12/98 Date Reached TD 3/26/98 Completion Date start of Rework.

API NO. 15- 075-20414-0001 County Hamilton - W/2-W/2-NE/4 Sec. 34 Twp. 21S Rge. 41 XXW 3960 Feet from S N (circle one) Line of Section 2310 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 HCU Well # 3411-B Field Name Bradshaw Producing Formation Chase Elevation: Ground 3635' KB 3645' Total Depth 5500' PBTD 2912' Amount of Surface Pipe Set and Cemented at 1248 Feet Multiple Stage Cementing Collar Used? Yes X No If yes, show depth set Feet If Alternate II completion, cement circulated from 1248 feet depth to surface w/ 500 sx cmt.

Drilling Fluid Management Plan Rework, 7-28-98 U.C. (Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls Dewatering method used 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 Terrye D. Bryant Title Registered Technician Date 7/16/98 Subscribed and sworn to before me this 16th day of July 19 98 Notary Public Carolyn Jackson IN AND FOR STATE OF OKLAHOMA OKLAHOMA COUNTY

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)

ORIGINAL

SIDE TWO

Operator Name Louis Dreyfus Natural Gas Corp. Lease Name HCU Well # 3411-B

Sec. 34 Twp. 21 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 (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:
After Frac Gamma Ray

| Name | Formation (Top), Depth and Datum | | Datum |
|--------------------|----------------------------------|-------------|-------|
| | Top | | |
| Day Creek Dolomite | 1324' | Cherokee | 4646' |
| Blaine | 1628' | Atoka | 4878' |
| Stone Corral | 2240' | Morrow | 5040' |
| Winfield | 2750' | Mississippi | 5500' |
| Wabaunsee | 3498' | TD | |
| Topeka | 3770' | | |
| Heebner | 3988' | | |
| Lansing | 4042' | | |
| Marmaton | 4550' | | |

| 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 |
| Conductor | 26" | 16" | 55# | 35' | Portland | 6 | Neat |
| Surface | 12 1/4" | 8 5/8" | 24# | 1248' | Premium | 500 | 2% CaCl |
| Production | 7 7/8" | 5 1/2" | 14# | 2950' | Premium | 170 | 2% CaCl |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <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 Material Used) | Depth |
|----------------|--|---|-------|
| 2 | 2754' - 2766' | 1000 gal. 15% FE HCl; 34,280 gals. 2% KCl gel w/65,000# 12/20 sand. | |
| 1 SPF | 2818' - 2822', 2836' - 2842', 2846' - 2850', 2864' - 2872' | 20,000 gal. 30# liner gel + 65% N ₂ 49,000# 12/20 Brady sand. Base fluid 2% KCl water. | |

| TUBING RECORD | | Size | Set At | Packer At | Liner Run |
|--|-----------|--|-------------|---------------|---|
| | | 2 3/8" | 2894' | 2806 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. | | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | |
| 3/26/98 | | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
| | -0- | 10 | 66 | N/A | |

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