

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-023-20040

29-4-41W

S. 29 T. 4 R. 41 E
1320 FNL, 1250 FWL
Loc. _____

County Cheyenne

640 Acres
N



Locate well correctly

Elev.: Gr. 3443

DF _____ KB 3454

API No. 15 — 023 — 20,040
County Number

Operator
Kansas-Nebraska Natural Gas Co. Inc.

Address
P.O. Box 15265, Lakewood, Colorado 80215

Well No. Lease Name
1-29 Harkins

Footage Location
1320 feet from (N) line 1250 feet from (W) line

Principal Contractor Geologist
Exeter

Spud Date Total Depth P.B.T.D.
8-6-77 1450

Date Completed Oil Purchaser
9-15-77

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8 5/8	24	142	Reg	125	
Production	7 7/8	4 1/2	9.5	1341	50-50 poz	125	2% gel 4.8#/sx salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 JSPF	3/8" dia.	1217-37

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac. w/32,000# 20-40 sd. 6267 gals.	1217-37
50% gelled methanol 50% KCl wtr.	
80% quality nitrogen foam	

RECEIVED
STATE CORPORATION COMMISSION
NOV 09 1977

INITIAL PRODUCTION DIVISION
Topeka, Kansas

Date of first production Producing method (flowing, pumping, gas lift, etc.)
Shut-In Flowing

RATE OF PRODUCTION PER 24 HOURS
Oil Gas 358 Water Gas-oil ratio
bbls. MCF bbls. CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s)
Sold KNNG 1217-37

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Kansas-Nebraska Natural Gas Co. Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1-29 Lease Name Harkins Gas

S 29 T 4 R 41 E W

WELL LOG Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

Table with columns: FORMATION DESCRIPTION, CONTENTS, ETC., TOP, BOTTOM, NAME, DEPTH. Row 1: Niobrara, 1196', Ardmore Bentonite, 1153'. Logs run: DIL, CNL-FDC-GR.

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received Signature: Dan Erickson Title Date

Handwritten notes at bottom right.