

STATE OF KANSAS
STATE CORPORATION COMMISSION

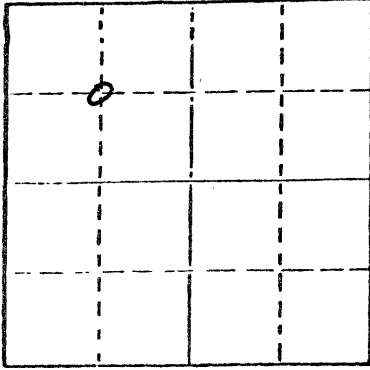
15-023-20041-00-00

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Cheyenne County, Sec. 32 Twp. 4 Rge. 41 NW
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines
1320' FNL, 1320' FWL

Lease Owner Kansas-Nebraska Natural Gas Co., Inc.
Lease Name Harkins Well No. 1-32
Office Address P. O. Box 15265 Lakewood, Colorado 80215
Character of Well (Completed as Oil, Gas or Dry Hole)
Dry Hole



Locate well correctly on above
Section Plat

Date Well completed August 2 1977
Application for plugging filed August 2 (verbal) 1977
Application for plugging approved August 2 (verbal) 1977
Plugging commenced August 2 1977
Plugging completed August 2 1977

Reason for abandonment of well or producing formation
Dry Hole
If a producing well is abandoned, date of last production
19

Was permission obtained from the Conservation Division or
its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well
Producing formation Niobrara Depth to top 1278 Bottom TD Total Depth of Well 1511
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Ogallala	Fresh Wtr	Surf	83'	8-5/8	169	

Describe in detail the manner in which the well was plugged, indicating where the mud fluid
was placed and the method or methods used in introducing it into the hold. If cement or other
plugs were used, state the character of same and depth placed, from _____ feet to
_____ feet for each plug set.

Plugged well w/40 sx 50-50 Poz cmt 1385-1511'. 20 sx @ btm of surf csg (169'),
20 sx @ top of surf cas (GL)

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08-22-1977
AUG 22 1977

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Halliburton

STATE OF Colorado COUNTY OF Jefferson, ss.
Don Erickson (employee of owner) or (owner or operator)

of the above-described well, being first duly sworn on oath, says: That I have knowledge of
the facts, statements, and matters herein contained and the log of the above-described well
as filed and that the same are true and correct. So help me God.

(Signature) Don Erickson
Po 15265 Lakewood Colo 80215
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of August, 1977.

Viola K. Gourdin
Viola K. Gourdin Notary Public.

My commission expires June 23, 1979

IMPORTANT
 Kans. Geo. Survey request
 samples on this well.

KANSAS DRILLERS LOG

S. 32 T. 4 R. 41 ~~W~~
 Loc. 1320' FNL, 1320' FWL
 County Cheyenne

API No. 15 — 023 — 20,041-00-00
 County Number

Operator
 Kansas-Nebraska Natural Gas Company, Inc.

Address
 PO Box 15262 Lakewood, Colorado 80215

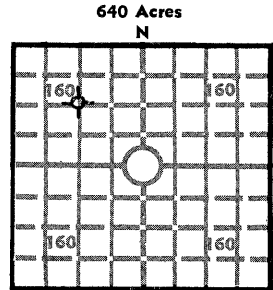
Well No. # 1-32 Lease Name Harkins

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

Principal Contractor Exeter Drilling Geologist John Golson

Spud Date 8-2-77 Total Depth 1511 P.B.T.D.

Date Completed 8-2-77 Oil Purchaser



Elev.: Gr. 3464
 DF _____ KB _____

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	169	50-50 Poz	200	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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AUG 12 1977

CONSERVATION DIVISION
 Wichita, Kansas
INITIAL PRODUCTION

Date of first production P & A Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio

Disposition of gas (vented, used on lease or sold) _____ Producing interval (s) _____

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 Company, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

1-32

Lease Name

Harkins

Dry Hole

S 32 T 4S R 41 W

WELL LOG

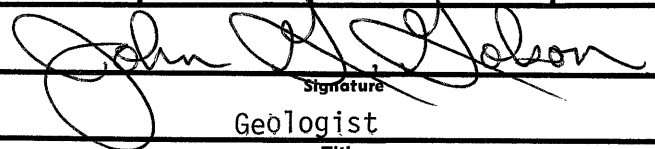
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Niobrara Chalk	1278'	not drilled	Ardmore Bentonite	1222'
no tests or cores.				
Ran DIL & CNL-FDC-GR				

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

Date Received



Signature

Geologist

Title

August 8, 1977

Date