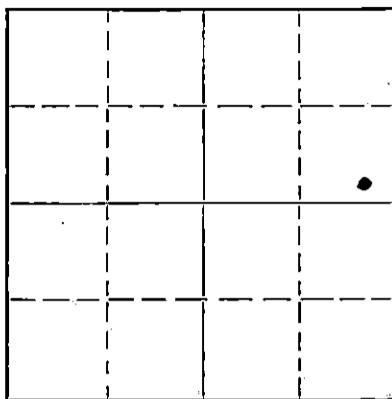


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
807 Bittling Building
Wichita, Kansas

NORTH



Locate well correctly on above
Section Flat

Barton County. Sec. 22 Twp. 20 Rge. 15 (E) W (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines SE/SE/NE
Lease Owner Kansas-Nebraska Natural Gas Co., Inc.
Lease Name Hattie Unruh Well No. 1
Office Address Hastings, Nebraska
Character of Well (completed as Oil, Gas or Dry Hole) Gas
Date well completed July 24 19 47
Application for plugging filed Feb. 22 19 51
Application for plugging approved Feb. 24 19 51
Plugging commenced March 1 19 51
Plugging completed March 7 19 51
Reason for abandonment of well or producing formation Formation flooded with water.
If a producing well is abandoned, date of last production Jan. 22 19 51
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 C. D. Stough, Great Bend, Kansas
Producing formation Arbuckle Depth to top 3659 Bottom 3715 T. D. Total Depth of Well 3715 Feet
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
Sand	Water	110	135	8 5/8	244	none
Dakota	Water	370	480	5 1/2	3715	1984
Arbuckle	Gas	3659	3715			

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 hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Hole plugged back with rock to 3650' then dumped 5 sacks of cement. Cement plug 3610' to 3650'.

Set fresh water cement plug 205' to 250' using 15 sacks of cement.

Mudded hole to 30'. Dumped 10 sacks of cement. Cement plug 5' to 30'.

RECEIVED
STATE CORPORATION COMMISSION
MAR 20 1951
CONSERVATION DIVISION
WICHITA, KANSAS

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

Correspondence regarding this well should be addressed to Kansas-Nebraska Natural Gas Co., Inc.
Address 300 N. St. Joseph St., Hastings, Nebraska

STATE OF Kansas, COUNTY OF Kearny, ss.
Lawrence Holmstrom (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) Lawrence Holmstrom

Lakin, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 19TH day of March, 1951.

Debra Blyme
Notary Public.

My commission expires Jan. 3, 1955

22-7877-8 4-49-10M

PLUGGING
FILE SEC 27 T 20 R 15 W
BOOK PAGE 63 LINE 43

KANSAS-NEBRASKA NATURAL GAS COMPANY, INC.

Hattie Unruh #1

SE SE NE Sec. 22-20-15W
Barton County, Kansas

Total Depth:	3715'		
Elevation:	1981'	(Derrick floor)	
Anhydrite	931'	"	"
Heehner	3240'	"	"
K. C. (Brown)	3355'	"	"
K. C. (White)	3369'	"	"
Arbuckle	3646'	"	"

Rotary Drilling?	Begun	7-3-1947
	Completed	7-16-1947

8 5/8" casing set at 944'. Cemented with 500 sacks sulphate resistant, 10 sacks calcium chloride. Cement circulated to the surface.

5 1/2" casing set at 3715'. Cemented with 100 sacks sulphate resistant cement. Estimated top of cement, 3100'.

Perforated 3672' to 3682' - Gas.

1950

Gamma Ray and Neutron Survey run

Top of Arbuckle - 3659'

Perforations 3672' to 3682' - Squeezed off.

Total depth - 3670' Retainer left intact.

Perforated 3660' to 3664' - Gas.

Present perforated zone 3660' to 3664'.

RECEIVED
STATE CORPORATION COMMISSION
FEB 24 1951
CONSERVATION DIVISION
Wichita, Kansas

PLUGGING
FILE SEC 22-20-15W
BOOK PAGE 62 LINE 43

KANSAS-NEBRASKA NATURAL GAS COMPANY, INC.

Hattie Uhruh #1

Drillers Log

0'	to	110'	Surface-Clay	1710"	to	1775'	Lime Shells
110'	"	135'	Sand	1775'	"	1900'	Lime
135'	"	370'	Shale and Shells	1900'	"	1990'	Lime & Shale
370'	"	480'	Sand	1990'	"	2415'	Lime
480'	"	525'	Shells	2415'	"	2675'	Shale & Lime Shells
525'	"	530'	Shale	2675'	"	2695'	Lime
530'	"	655'	Sand	2695'	"	2780'	Shale
655'	"	820'	Red Bed	2780'	"	3315'	Lime & Shale
820'	"	940'	Red Bed and Shells	3315'	"	3385'	Shale
940'	"	944'	Lime	3385'	"	3410'	Lime
944'	"	960'	Anhydrite	3410'	"	3490'	Shale & Lime
960'	"	1095'	Red Shale	3490'	"	3507'	Lime
1095'	"	1420'	Shale & Shells	3507'	"	3630'	Lime & Shale
1420'	"	1525'	Shale & Salt	3630'	"	3672'	Cherty Lime & Shale
1525'	"	1710"	Shale & Shells	3672'	"	3715'	Cherty Lime

RECEIVED
STATE CORPORATION COMMISSION
FEB 24 1951
CONSERVATION DIVISION
Wichita, Kansas