

WELL COMPLETION REPORT AND  
DRILLER'S LOG

API No. 15 — 073

County

21,663

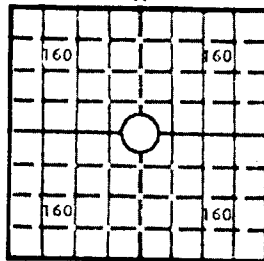
Number

State Geological Survey  
WICHITA BRANCH

S. 14 T. 22S R. 11 E WX

Loc. 2485' FNL-1320' FWL

County Greenwood

640 Acres  
N

Locate well correctly

Elev.: Gr. 1223'

DF 1226' KB 1228'

Operator

Cities Service Company

Address

800 Sutton Place Bldg., 209 E. William, Wichita, KS 67202

Well No.

OP13

Lease Name

Fromm

Footage Location

2485

feet from (N) (S) line

1320

feet from (E) (W) line

Principal Contractor

Berentz

Geologist

No wellsite geologist

Spud Date

1-9-81

Date Completed

7-1-81

Total Depth

2020'

P.B.T.D.

Directional Deviation

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Oil and/or Gas Purchaser

Cities Service

## 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#	110' KB	Class "A"	65	3% CaCl
Production	7 7/8"	4 1/2"	9.5#	2019' KB	Class "A"	75	10% NaCl .75% CFR-2

## LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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## PERFORATION RECORD

Shots per ft.

4

Size &amp; type

Depth interval

1906' - 1952'

## TUBING RECORD

Size	Setting depth	Packer set at
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2"

1891'


## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

## INITIAL PRODUCTION

Date of first production	7-1-81	Producing method (flowing, pumping, gas lift, etc.)	Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 0 bbls.	Gas ----- MCF	Water 57 bbls.
Disposition of gas (vented, used on lease or sold)	-----	Producing interval (s)	1906' - 1952'

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, 245 No. Water, Wichita, Kansas 67202. 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 Cities Service Company		DESIGNATE TYPE OF COMPLETION: VLN, SWD, DRY HOLE, SWDW, ETC.:	
Well No. OP13	Lease Name Fromm	Oil	
S <u>14</u> T <u>22S</u> R <u>11</u> E <u>XX</u>			
<b>WELL LOG</b> <small>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.</small>		<small>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</small>	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Soil 3' Lime & Shale 112' Shale & Lime 618' Lime (Iatan) 628' Sand & Shale 995' Lime (Lansing) 1112' Shale 1245' Lime (KC) 1433' Shale 1533' Lime (Altamont) 1539' Shale 1558' Lime (Pawnee) 1569' Shale 1616' Lime (Ft. Scott) 1691' Shale (Cherokee) 1877' Sand & Shale (B.V.) 1962' Shale 2020' R.T.D.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">             C. N. Richmond            Enhanced Recovery Manager            8-28-81         </div>		