

KANSAS

**WELL COMPLETION REPORT AND DRILLER'S LOG**

API No. 15 — 073 — 21,573  
 County Number

AUG 8 0 RECD  
 State Geological Survey  
 WICHITA, BRANCH

S. 14 T. 22 R. 11 E  
 Loc. 1485' FNL - 1980' FWL  
 County Greenwood

Operator  
 Cities Service Company

Address  
 700 Sutton Place Bldg., 209 E. William, Wichita, Kansas

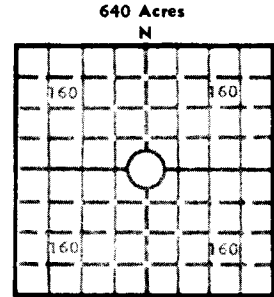
Well No. D2 Lease Name Fromm

Footage Location  
 1485 feet from (N) (X) line 1980 feet from (E) (W) line

Principal Contractor Geologist  
 Jackman & Jackman No Geologist on Well Site

Spud Date Date Completed Total Depth P.B.T.D.  
 1-24-80 7-4-80 1995 1960

Directional Deviation Oil and/or Gas Purchaser



Locate well correctly  
 Elev.: Gr. 1190  
 DF 1192 KB 1194

**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	117	Class A	60	2% CaCl-2
Production	7-7/8"	5-1/2"	14	1978	Class A	150	10% Salt .75% CFR-2

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	.44" jet	1872-1916

Size	Setting depth	Packer set at
2-3/8" OD	1976	No Packer

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
100 gallons 15% Fe	1872-1916

**INITIAL PRODUCTION**

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

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

DRY HOLE, SWDOW, ETC.:

Cities Service Company

Well No.

D2

Lease Name

Fromm

Oil

S 14T 22 R 11 E  
XX

**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
See Attached Sheet				

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

Date Received

*Ronald J. Miller*

Ronald J. Miller

Signature

Manager, Enhanced Recovery

Title

August 14, 1980

Date

## WELL LOG

14-22-11E

Company Cities Service Company  
 Pa rm Fromm  
 Well D-2  
 Location 1485' FNL & 1980' FWL NW  $\frac{1}{4}$ -14-22S-11E Greenwood Co. Ks.  
 Commenced 1/24/80  
 Completed 1/29/80  
 Casing 117' 8 5/8" cemented with 60 sacks  
 1988' 5" cemented with 160 sacks  
 Contractor Jackman & Jackman  
 Production  
 Total Depth 1995'

Soil & Fill	0	6
Shale & Lime	6	80
Lime & Shale	80	121
Shale & Lime	121	760
Shale	760	785
Lime	785	788
Water Sand	788	941
Lime	941	1394
Shale	1394	1498
Shale & Shells	1498	1820
Core #1	1820	1878
Core #2	1878	1937
Shale & Shells	1937	1995

0' is 4' above ground level