

State Geological Survey
WICHITA, KANSAS
AUG 8 0 1980

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 14 T. 22S R. 11 E

API No. 15 — 073 — 21,656
County Number

Loc. 1980' FNL - 1815' FWL
County Greenwood

Operator
Cities Service Co.

Address
700 Sutton Place Bldg. Wichita, KS 67202

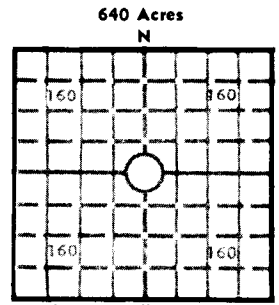
Well No. #C5W Lease Name Fromm

Footage Location
1980 feet from (N) (S) line 1815 feet from (E) (W) line

Principal Contractor Jackman and Jackman Geologist No Geologist on Well-Site

Spud Date 1-14-80 Date Completed 4-16-80 Total Depth 1975' RKB P.B.T.D. 1959' RKB

Directional Deviation Oil and/or Gas Purchaser



Locate well correctly
Elev.: Gr. 1206'
DF 1208' KB 1210'

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#	104'	Class A	60	2% CaCl-2
Production	7 7/8"	4 1/2"	9.5#	1972'	Class A	175	10% Salt .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
--	--	--	4		1876-1920

TUBING RECORD

Size	Setting depth	Packer set at
--	--	--

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
100 gallons 15% FE Acid	1876'-1920'

INITIAL PRODUCTION

Date of first production <u>Injector</u>	Producing method (flowing, pumping, gas lift, etc.) <u>--</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>--</u> Gas <u>--</u> Water <u>--</u> Gas-oil ratio <u>--</u>
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>1876'-1920</u>

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.

erator

Cities Service Company

DRY HOLE, SWDW, ETC.:

Well No.

C5W

Lease Name

Fromm

Injection Well

S 14 T 22S R 11 E V

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

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

Date Received

Michael D. Harrison

Signature

Project Engineer Madison MP Project

Title

7-29-80

Date

WELL LOG

14-22-11E

Company Citie's Service Company
 Farm Froma
 Well C-5W
 Location 1980° FNL & 1815° FWL N¹/₂ 14¹/₂ 22S¹/₂ 11E Greenwood Co., Ks.
 Commenced 1/14/80
 Completed 1/18/80
 Casing 100° 8 5/8" cemented with 65 sacks
 1967° 4 1/2" cemented with 175 sacks
 Contractor Jackman & Jackman
 Production
 Total depth 1975°

Shale & Lime	0	104
Lime & Shale	104	550
Shale	550	801
Lime	801	804
Water Sand	804	959
Lime	959	1091
Shale	1091	1218
Lime	1218	1385
Shale	1385	1585
Shale & Shells	1585	1855
Cora #1	1855	1917
Sand	1917	1934
Shale	1934	1939
Shale & Shells	1939	1975

0° is 4° above ground level