

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 073 — 21,525
County Number

Operator

Cities Service Company

Address

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

Well No.

C7W

Lease Name

Fromm

Footage Location

2310 feet from (N) line 1815 feet from (E) (W) line

Principal Contractor

EDCO

Geologist

No Geologist on Well Site

Spud Date

12-8-79

Date Completed

5-4-80

Total Depth

2030

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

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	99	Common	50	2% CaCl-2
Injection	7-7/8"	4-1/2"	9.5	2022	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	.3" Jet	1892-1932

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
100 Gallons 15% Fe Acid	1892-1932

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio 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.

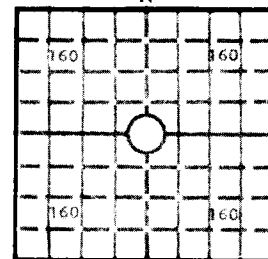
KANSAS State Geological Survey
WICHITA BRANCH
SEP 8 0 REC'D

S. 14 T. 22 R. 11 E

Loc. 2310 'FNL-1815'FWL

County Greenwood

640 Acres



Locate well correctly

Elev.: Gr. 1217

DF 1220 KB 1222

Operator

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

Cities Service Company

Well No.

C7W

Lease Name

Fromm

Chemical Injection

S 14 T 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

Signature

Manager, Enhanced Recovery

Title

August 14, 1980

Date



E.D.C.O. Drilling Company

P.O. BOX 471 ELDORADO, KANSAS 67042

14-22-11 E

To: Cities Service
209 East Williams
700 Sutton Place Bldg.
Wichita, Kansas 67202

Lease: Madison Project Core Hole #10 Fromm C-7W

Location: Sec. 14, Twp. 22S, Rg. 11E
Greenwood County, Kansas

Drilling
Dates: December 18 thru December 22, 1979

-DRILLING LOG-

50'	Rock and Soil
93'	Surface Hole
1022'	Shale with Lime Streaks
1082'	Lime with Shale Streaks
1234'	Shale with Lime Streaks
1250'	Lime with Shale
1345'	Shale with Lime
1605'	Shale
1860'	Shale with Lime Streaks
1860'-1920'	Core #1
1926'-1953'	Core #2
2030'	Shale with Lime Steaks R.T.D.