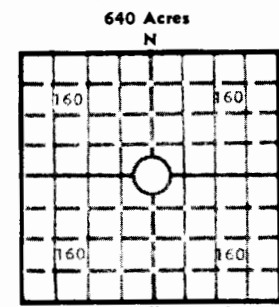


WELL COMPLETION REPORT AND DRILLER'S LOG

KANSAS State Geological Survey
WICHITA, BRANCH
SEP 8 0 REPT

S. 14 T. 22 R. 11 E

Loc. 1320' FNL - 2475' FWL
County Greenwood



Elev.: Gr. 1214
DF 1217 KB 1219

API No. 15 — 073 — 21,523
County Number

Operator
Cities Service Company

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

Well No. G1W Lease Name Fromm

Footage Location
1320 feet from (N) (X) line 2475 feet from (E) (W) line

Principal Contractor EDCO Drilling Co. Geologist No Geologist on Well Site

Spud Date 12-3-79 Date Completed 7-3-80 Total Depth 2010 P.B.T.D. 1972

Directional Deviation 19'N - 6'W Oil and/or Gas Purchaser

CASING RECORD

Report of oil 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"		102	Regular	50	2% CaCl-2
Production	7-7/8"	4-1/2"		2002	Class A	175	10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	.3" Jet	1926-1886

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8" OD	2000	1956

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 Gallons 15% Fe Acid	1926-1886'

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.

Operator Cities Service Company		DRY HOLE, SWDW, ETC.:
Well No. G1W	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	 Signature
	Ronald J. Miller Manager, Enhanced Recovery
	Title
	August 15, 1980 Date



E.D.C.O. Drilling Company

14-22-11E

P.O. BOX 471 ELDORADO, KANSAS 67042

December 19, 1979

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

Lease: Madison Project Core Hole #8 Fromm G1

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

Drilling

Dates: December 11 thru December 14, 1979

-DRILLING LOG-

50'	Shale
95'	Surface Hole
583'	Shale with Lime Streaks
590'	Lime
1000'	Shale with Lime Streaks
1116'	Lime with Shale Streaks
1222'	Shale
1300'	Lime
1395'	Lime with Shale Streaks
1628'	Shale with Lime Streaks
1634'	Lime
1884'	Shale with Lime Streaks
1875'	Shale
1899-1935'	Core #1 & #2
1990'	Shale
2010'	Shale with Lime Streaks R.T.D.