

KANSAS

2-1-270

WELL COMPLETION REPORT AND DRILLER'S LOG

State 2 T. 1 R. 27 W
 Geographical
 WICHITA, KS - 2310' FEL
 BRANCH
 County Decatur

API No. 15 — 039 — 20495
 County Number

Operator
 Cities Service Co.

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

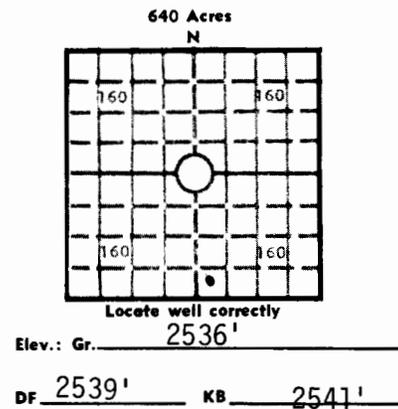
Well No. 110 Lease Name Warner Unit

Footage Location
380 feet from ~~XX~~ (S) line 2310 feet from (E) ~~XX~~ line

Principal Contractor Emphasis Oil Operations Geologist Alan Snider

Spud Date 11/18/80 Date Completed 12/30/80 Total Depth 3500' P.B.T.D. 3439'

Directional Deviation Not directionally drilled Oil and/or Gas Purchaser Permian Corp.



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	Socks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	277' KB	50/50 Pozmix "A"	200	2% CaCl
Production	7 7/8"	4 1/2"	9 1/2#	3480' KB	50/50 Pozmix "A"	250	.75% CFR-2 +10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			See attached.		
Size	Setting depth	Packer set at			
2"	3430'	-----			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
See Attached	

INITIAL PRODUCTION

Date of first production <u>12/30/80</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>				
RATE OF PRODUCTION PER 24 HOURS	Oil <u>14</u> bbls.	Gas <u>None</u> MCF	Water <u>55</u> bbls.	Gas-oil ratio <u>None</u> CFPB	
Disposition of gas (vented, used on lease or sold) <u>No gas produced</u>			Producing interval (s) <u>3231' - 3423'</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.

Operator Cities Service Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 110	Lease Name Warner Unit	Oil
S <u>2</u> T <u>1</u> R <u>27</u> X <u>R</u> W		

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	 E. W. Peterman <small>Signature</small>
	Region Operations Manager <small>Title</small>
	<hr/> <small>Date</small>

Acidizing Record for
Warner Unit Well #110

LKC Zones acidized with 15% Ne Acid

"A" 3231-36'	500 gallons
"D" 3270-74'	500 gallons
"G" 3313-18'	500 gallons
"H" 3348-54'	500 gallons
"J" 3388-92'	500 gallons
"K" 3418-23'	<u>500 gallons</u>
	3000 gallons

Perforation Record for
Warner Unit Well #110

Perforated each LKC zone with 2 - 1/2" holes per foot.

"A" 3231-36'	10 shots
"D" 3270-74'	8 shots
"G" 3313-18'	10 shots
"H" 3348-54'	12 shots
"J" 3388-92'	8 shots
"K" 3418-23'	10 shots