

WELL COMPLETION REPORT AND DRILLER'S LOG

KANSAS

State Geological Survey

S. 20 T. 19S R. 39 W

API No. 15 — 071 — 20238 WICHITA BRANCH
County Number

Loc. C SW/4
County Greeley

Operator
Cities Service Company

Address
3545 N.W. 58th Street Oklahoma City, Oklahoma 73112

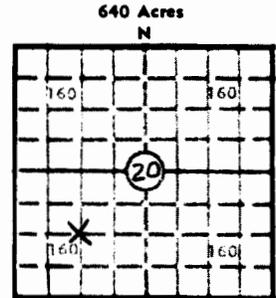
Well No. 1 Lease Name Kuttler D

Footage Location
1320 feet from XX (S) line 1320 feet from XX (W) line

Principal Contractor Earl F. Wakefield Geologist

Spud Date 5-16-81 Date Completed 6-29-81 Total Depth 2933' P.B.T.D. 2908'

Directional Deviation Oil and/or Gas Purchaser Uncommitted



Locate well correctly
Elev.: Gr. 3524'
DF KB 3531'

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 Csg.	12-1/4"	8-5/8"	24#	459' KB	Dowell	125	35/65 Poz w/2% CaCl 1/2# D29
						125	Class H w/2% CaCl 1/2# D29
Production Csg.	7-7/8"	4-1/2"	9.5#	2932 KB	Dowell	125	65/35 Poz 1/4# D29 8/10 of 1% D65
						100	50/50 Poz contain- ing 18% salt, 2% to-

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3DPJSPF		Winfield
					2830 - 2838'

TUBING RECORD

Size	Setting depth	Packer set at
2"	2800'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac Winfield down 2-3/8" tbg: 1000 gals 15% HCL containing 2 gals F75, 2 gals L53, 2000 gals Water Frac 30 Prepad containing 60# J347	2830-2838'
4 gals F75 1/2 gal M76 40# J84, 1% KCLW, 4# J-218, 2 gals J318.	
3000 gals YF3 PSD crosslinked pod; 3000 gals YF3PSD w/1ppg 20/40 sd;	
3000 gals YF3PSD w/1 1/2 ppg 20/40 sd; 4000 gals YF3PSD w/2ppg 20/40 sd; 500 gals 1% KCLW flush.	

INITIAL PRODUCTION

Date of first production 6-26-81 Producing method (flowing, pumping, gas lift, etc.) Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	-0-	CAOF 8050 MCF	108	bbls. CFPB

Disposition of gas (vented, used on lease or sold) To be sold Producing interval (s) 2830 - 2838'

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Kuttler D	Gas
S 20 T 19S R 39 E 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
Soil & Sand	0'	40'	Logging	
Sand, Clay & Shale	40'	460'		
Red Bed & Sand	460'	1309'	Ran compensated Density Log w/GR & Caliper from 2933' to 489'.	
Shale w/Gyp Streaks	1309'	1600'		
Shale & Gyp	1600'	1880'	Ran CC & CBL from 2908' PBTB to 1841' Top of cement at 2082'	
Salt & Sand	1880'	2141'		
Shale & Shells	2141'	2180'		
Shale & Lime	2180'	2350'		
Lime & Shale	2350'	2933'		
Total Depth		2933'		
PBTB		2908'		

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

Date Received	 W. A. Givens <small>Signature</small>
	Production Region Manager <small>Title</small>
	July 22, 1981 <small>Date</small>

1221