

KANSAS

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

API No. 15 — 175 — 20314
County Number

Operator
Cities Service Company

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

Well No. 2 Lease Name Kapp "B"

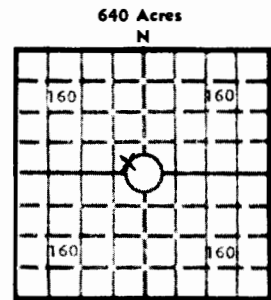
Footage Location
300 feet from ~~XX~~ (S) line 100 feet from (E) ~~XX~~ line

Principal Contractor Earl F. Wakefield Geologist ---

Spud Date 4/7/77 Date Completed Total Depth 3130' P.B.T.D. 3104'

Directional Deviation --- Oil and/or Gas Purchaser N/A

S. 15 ~~WICHITA~~ ^{XX} ~~BRANCH~~ ^{Survey}
T. 32S R. 8E
Loc. 300 FSL & 100 FEL NW/4
County Seward



Locate well correctly
Elev.: Gr. 2930'
DF 2937' KB 2938'

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#	784' KB	Class H	400	35-65 Pozmix w/2% CaCl & 1/4# D-29
Production	7-7/8"	4-1/2"	9.5#	3129' KB	Class H	225	50-50 Pozmix w/10% Salt & 1/4# D-29 & 0.8% D65

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
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Size	Setting depth	Packer set at
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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac Council Grove w/1500 gals 15% acid, followed w/4000 gals 1% KCl w/4 gals FR-14, 4 gals FS-F, 2 gals adocide followed by 30,000 gals 1% KCLW w/60,000# 20/40 Sd containing 30 gals FR-14, 45 gals FS-F, 15 gals adocide. Flushed w/49 bbls. 1% KCLW containing 3 gals FR-14.	2970' - 2986'

INITIAL PRODUCTION

Date of first production Dry Hole	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. Gas MCF Water bbls. CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s)

RECEIVED
STATE CORPORATION COMMISSION
AUG 26 1980
CONSERVATION DIVISION
Wichita, Kansas

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

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

Well No.

2

Lease Name

Kapp "B"

S 15 T 32S R 34 E^X 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 & Clay	0'	525'		
Red Bed	525'	785'		
Red Bed & Anhydrite	785'	1191'		
Sand	1191'	1405'		
Red Bed & Shells	1405'	1600'		
Red Bed & Anhydrite	1600'	1955'		
Anhydrite - Shale	1955'	2260'		
Shale & Shells	2260'	2354'		
Lime	2354'	3130'		
R.T.D.		3130'		
P.B.T.D.		3104'		

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

Date Received

Operations Manager

August 20, 1980

Signature

H. E. Massey

Title

Date