

KANSAS DRILLERS LOG *State Geological Survey*
WICHITA BRANCH

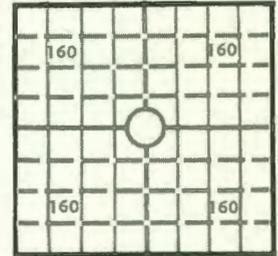
API No. 15 — 011 — 20-168
 County Number

15
 S.C SW.T. 27 R. 25 E
 W

Loc. C SW

County Bourbon

640 Acres
 N



Locate well correctly

Elev.: Gr. 810'

DF _____ KB _____

Operator
 Cities Service Oil Company

Address 700 Sutton Place Bldg., Wichita, Kansas 67202

Well No. # 1 Lease Name Bailey A

Footage Location
 feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor EXPLORATION, INC. Geologist MARK YORK

Spud Date 8-17-74 Total Depth _____ P.B.T.D. _____

Date Completed 8-19-74 Oil 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
<u>SURFACE</u>	<u>8 5/8"</u>	<u>7"</u>		<u>20'</u>	<u>DID NOT CEMENT</u>		

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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

CITGO

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

Well No.

1

Lease Name

BAILEY "A"

STRAT TEST

S 15 T 27 R 25 E

WELL LOG

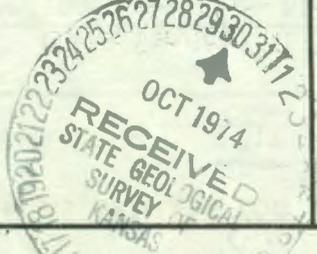
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
ATTACHED				

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

Date Received



Charles E. Darneston

Signature

REGION PETR. ENGINEER

Title

9-25-74

Date

15-27-25E

CITIES SERVICE OIL COMPANY

Core Hole #12

#1 Bailey A

C SW Section 15-27S-25E

Loc. moved 600' E of and 120' S of
original spot.

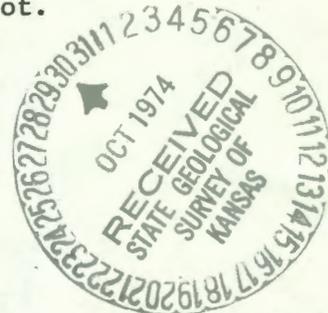
Bourbon County, Kansas

Contractor: Exploration Inc.

GL Elev.: 810 T.D. = 255

Drilling Comm.: 8-17-74

Drilling Comp.:



- 0-34 = Top soil & clay.
- 34-35 = Coal seam & black shale, dense.
- 35-40 = Sh, light gray & stringer of dense brown sand, very fine grain, very poor porosity.
- 40-50 = Sh, silty-sandy, light gray w/some oolitic type grains.
- 50-51 = Sh, black, dense.
- 51-70 = Sh, light gray, w/partings of dead flaky oil.
- 70-71 = Coal seam & black sh, w/pyrite.
- 71-80 = Sh, silty-sandy, light gray very fine grain, poor porosity no show, mica.
- 80-102 = Sh, dark gray-black slightly silty, w/stringers of dense brown sandy ls, very fine xln, poor porosity, no shows.
- 102-103 = Coal seam.
- 103-108 = Sd, white-light gray, fine to medium grain, fair porosity, slightly silty, w/particles of dead flaky oil, slight show of oil slight odor.
- 108-125 = Sh, dark gray-gray pyritic.
- 125-132 = Sandy, sh, white-light gray, silty, mica w/particles of dead flaky oil, poor porosity, fine grain.
- 132-136 = Sh, dark gray, silty w/partings of dead flaky oil.
- 136-140 = Sd, white-light gray pyritic, mica, fine grain, very poor porosity. No shows w/particles of dead flaky oil.
- 140-154 = Sh, light gray-gray w/partings of dead flaky oil, pelletal grains abundant in sh.
- 154-156 = Ls, brown, fossil, very fine xln. dense, no shows.
- 156-178 = Sh, silty-sdy w/particles of dead flaky oil, mica. Also streaks of black sh, pyritic.
Coal seam at 160 pelletal-like grains in the sh.
- 178-186 = Sd, silty, mica, w/dead flaky oil fine grains, w/poor porosity show of tarry to live oil, strong odor.
- 186-188 = Coal seam & sh. black, pyritic.
- 188-200 = Sh, light gray-gray w/partings of dead flaky oil.
- 200-trip-change bits, drag to rotor bit.
- 200-210 = Sh, dark gray w/partings of pyrite and silty sand, light gray fine grain, poor porosity, no shows.
- 210-220 = Sh, light gray-gray w/thin streaks pelletal grains in dense brown ls, fine grain.
- 220-235 = Sh, dark gray, slightly silty.

15-27-25E

CITIES SERVICE OIL COMPANY

#1 Bailey A

Continued

15-27-25E

- 235-240 = Sd, silty, light gray-white, mica, pyritic, w/particles of dead flaky oil, fine grain, poor porosity, no shows.
- 240-248 = Sh, dark gray.
- 248-250 = Coal seam & black sh.
- 250-252 = Sd, silty, fine grain poor porosity, w/flaky dead oil & sat. & bleeding tarry-live oil, strong odor.
- 252-253 = Sh black, pyritic.
- 253 = Mississippi
- 253-255 = Ls, white, dense, T.D. = 255 fossil, fine xln.
SP log depth = 247
Resistivity log depth = 251
GR log depth = 247



Mark York, Geologist