

State Geological Survey

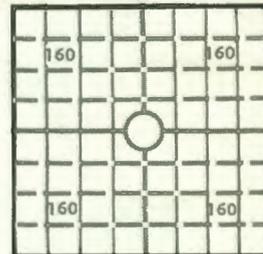
KANSAS DRILLERS WICHITA, BRANCH

S. 24 T. 27 R. 25 E W

Loc. C NW

County Bourbon

640 Acres  
N



Locate well correctly

Elev.: Gr. 795'

DF \_\_\_\_\_ KB \_\_\_\_\_

API No. 15 — 011 — 20,170  
County Number

Operator  
Cities Service Oil Co.

Address 700 Sutton Place Bldg., Wichita, Kansas 67202

Well No. #1 Lease Name Emrick A

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

Principal Contractor EXPLORATION, INC. Geologist MARK YORK

Spud Date 8-16-74 Total Depth 224' P.B.T.D.

Date Completed 8-16-74 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
SURFACE	8 5/8"	7"		20'	DID NOT CEMENT		

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

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 bbls.	Gas MCF	Water bbls.	Gas-oil ratio 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

EMRICK "A"

STRAT TEST

S24 T27 R25 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. Jernstedt

Signature

REGION PETR. ENGINEER

Title

9-15-74

Date

CITIES SERVICE OIL COMPANY  
#1 Emrick A  
C NW Section 24-27S-25E  
Bourbon County, Kansas

Core Hole #10

Contractor: Exploration Inc.  
GL Elev.: 795 TD = 224  
Drilling Comm.: 8-16-74  
Drilling Comp.: 8-16-74



- 0-30 = Top soil.
- 30-40 = Sandy gravel, brown, very fine grain.
- 40-50 = Sh, light gray, soft, w/pelletal-like particles.
- 50-78 = Sh, dark gray-black slightly silty, dense, w/particles of pyrite.
- 78-94 = Sd, white-light gray, w/particles of dead flaky oil, fine medium grain, poor-fair porosity, no shows, mica. Slightly silty.
- 94-104 = Sh, dark gray, silty.
- 104-112 = Sd, white-light gray, silty (slightly), mica w/partings of dead flaky oil, fine-medium grain, very poor porosity, no shows, no odors.
- 112-120 = Sh, gray-dark gray.
- 120-130 = Sd, silty, mica, fine-medium grain, poor porosity, no shows & no odor. Partings of dead flaky oil.
- 130-131 = Coal seam.
- 131-140 = Sh, silty, gray-light gray, w/partings of dead flaky oil, no shows.
- 140-150 = Sh, silty, light gray w/pelletal-like grains, soft.
- 150-170 = Sd, silty, mica, white to light gray, fair-poor porosity fine grain w/particles of black dead flaky oil, no shows.
- 170-171 = Coal seam.
- 171-180 = Sh, light gray-gray, silty, w/a few partings of dead flaky oil.
- 180 = Changed from drag to rock bit.
- 180-190 = Sh, dark gray to black slightly silty.
- 190-205 = Sh, light gray-gray, silty.
- 205-218 = Sd, white-light gray, fine-medium grain, mica, fair-poor porosity, sat. w/black tarry oil & bleeding light live oil, strong odor.
- 218-219 = Coal seam.
- 219-222 = Sh, black w/pyrite, dense.
- 222 = Mississippi
- 222-224 = Ls, white, medium-fine xln., poor porosity, fossil, no shows.
- T.D. = 224
- Log Depth SP = 219
- Log Depth Resistivity = 220
- Log Depth GR = 219

Mark York, Geologist