

State Geological Survey  
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 24 T. 27 R. 25 8 E  
 Loc. 460' N & 1000' E of SWc  
 County Bourbon

API No. 15 — 011 — 20,186  
 County Number

Operator  
Cities Service Oil Co.

Address  
700 Sutton Place Wichita, Kansas 67202

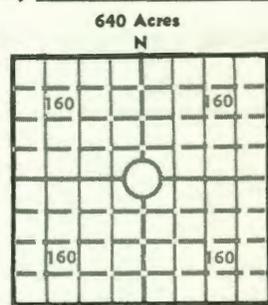
Well No. # 1 Lease Name Pretty Man "A"

Footage Location 460' N. + 1000' E. of SW CORNER  
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor EXPLORATION INC. Geologist BOB CONRAD

Spud Date 11-15-74 Total Depth 232 P.B.T.D.

Date Completed 11-15-74 Oil Purchaser SEAT-TEST



Locate well correctly  
 Elev.: Gr. 808.3  
 DF \_\_\_\_\_ KB \_\_\_\_\_

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

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	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

CITIES SERVICE OIL CO.

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

Well No.

#1

Lease Name

TRETTY MAN #1

STRAT - TEST

S 24 T 27 S 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
LOG. ATTACHED				

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

Date Received



Signature

Title

Date

LOGS

File

24-27-25E

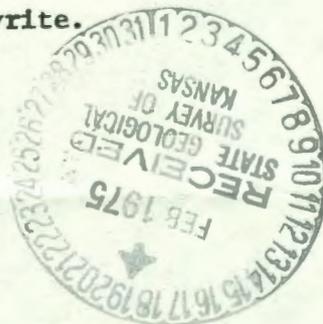
CSO #1 Prettyman "A"  
460'N & 1000'E of SW corner  
Sec 24-27S-25E  
Bourbon County, Kansas

Core Hole #51

Contractor: Exploration Inc.  
Date Comm: 11-15-74  
Date Comp: 11-15-74  
G.L. Elev. 808.3 - T.D. 232'

- 0-19 - Top soil, dark gray-green clay.  
19-34 - Siltstone, gray.  
34-35 - Coal.  
35-62 - Sh, gray-green, soft, limestone, stringers (50-60) pyrite.  
62-79 - Sh, dark gray, fairly soft, coal at 78'.  
79-85 - Sd, gray, medium grain, fair porosity, good odor, small show live oil.  
85-96 - Sh, black, fairly hard.  
96-110 - Sd, gray, medium grain, fairly well sorted, good show heavy oil.  
110-120 - Sd, white, fine grain, low porosity, no show.  
120-151 - Sh, gray, fairly hard.  
151-160 - Sd, gray, medium grain, good porosity, good show oil (now too heavy).  
160-180 - Sd, light gray, fine grain, low porosity, no show, few flakes of dead oil.  
180-190 - Sh, gray, hard.  
190-207 - Sh, black and gray, hard, pyrite.  
207-208 - Coal.  
208-212 - Sh, gray, hard, pyrite.  
212-219 - Sd, light gray, fine grained, low porosity, no show, pyrite.  
219-231 - Sh, gray, silty, hard, pyrite.  
231 - Mississippi  
231-232 - Chert, coal, pyrite.  
T.D. 232'.

SP Log Depth 230  
Resistivity 232  
GR Log Depth 231



Bob Conrad, Geologist