

27-29-22E ✓

State Geological Survey

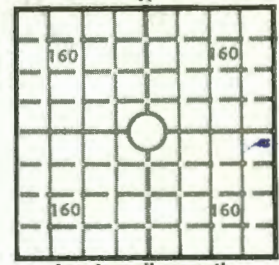
KANSAS DRILLERS LOG WICHITA, BRANCH

S. 27 T. 29 R. 22 E W

Loc. NE SE

County Crawford

640 Acres N



Elev.: Gr. _____

DF _____ KB _____

API No. 15 — 037 — 20,183
County Number

Operator Francis O'Toole

Address Route #4 Girard, Kansas 66743

Well No. #1 Lease Name Francis O'Toole

Footage Location feet from (N) (S) line 300 feet from (E) (W) line 200

Principal Contractor Fuller Drilling Geologist

Spud Date 4-05-75 Total Depth 194 P.B.T.D.

Date Completed 4-9-75 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 1/4	8	25	25	Portland	5	none

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
2 3/8	173	173

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production 4-9-75	Producing method (flowing, pumping, gas lift, etc.) Sufficient amount for
RATE OF PRODUCTION PER 24 HOURS	Oil Gas Water Gas-oil ratio
Disposition of gas (vented, used on lease or sold) vented	Producing interval (s) Constant

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

Francis O. Toole

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

Well No.

#1

Lease Name

Francis O. Toole

S 27 T 29 R 22 (E) W

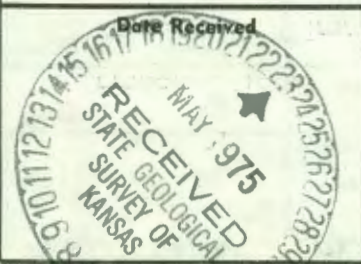
WELL LOG

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	0	3		
Clay	3	10		
Solid Rock	10	20		
Sand Shale	20	60		
Lime	60	93	Fort Scott	
Dark Shale	93	120		
Shale	120	159		
Lime	159	174	Oswego	
Dark Shale	174	178		
Lime	5ft)	178 to 188		
Shale	188	194		
Total Depth 194				
Set Packer 173				

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



Francis O. Toole

 Signature

Owner

 Title

4-12-75

 Date

L8458C