

KANSAS DRILLERS LOG

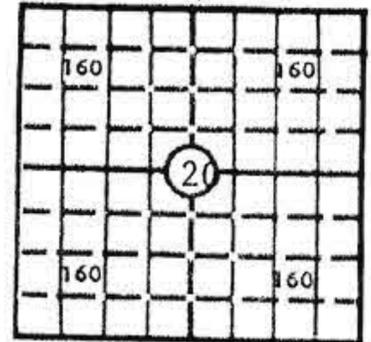
API No. 15 — 009 — 21,583
County Number

S. 20 T. 17 R. 14 W. W

Loc. NE SW NE

County Barton

640 Acres
N



Locate well correctly

Elev.: Gr. 1891'

DF 1894' KB 1896'

Operator
John O. Farmer, Inc.

Address
Box 352, Russell, KS 67665

Well No. #3 Lease Name Dirreen

Footage Location
990 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor John O. Farmer, Inc. Geologist Sam L. Farmer

Spud Date 4-12-79 Total Depth 3400' P.B.T.D.

Date Completed 4-19-79 Oil Purchaser Phillips Petroleum Company

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	26	881'	Common	400	
Production	7-7/8	5-1/2	10-1/2	3395'	Common	75	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
				OPEN HOLE	3397-3400

TUBING RECORD

Size	Setting depth	Packer set at
2-1/3"	3397	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used

Depth interval treated

Completed Natural (acid not used)

3397-3400

INITIAL PRODUCTION

Date of first production May 16, 1979 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS
 Oil 25 bbls. Gas MCF Water 250 bbls. Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) _____ Producing interval (s) 3397-3400

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 John O. Farmer, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #3	Lease Name Dirreen	Oil
S 20 T 17SR 14W ^X _W		

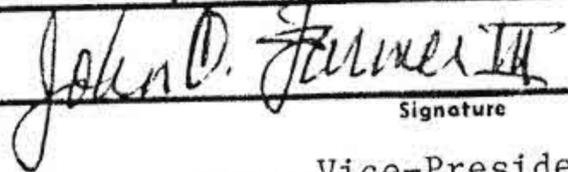
WELL LOG

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
Shale & Sand	-0-	410		
Sand	410	476		
Red Bed	476	860		
Anhydrite	860	893		
Shale & Shells	893	1670		
Shale & Lime	1670	3145		
Lime & Shale	3145	3370		
Arbuckle	3370	3400		
DST #1 Packer Failure				
DST #2 3335-3400				
Tool open 30-30-30-45 with strong blow				
Rec: 1364' oil cut muddy water				
IFP: 107-438				
FFP: 469-598				
BHP: 946-946				
DST #3 3395-3400				
Tool Open 30-30-30-45 - strong blow				
Rec: 1116' oil cut water, 50% oil, 248' water				
IFP: 38-400				
FFP: 438-575				
BHP: 946-954 Temp 110				

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

Date Received	
	Signature
	Vice-President
	Title
	May 25, 1979
	Date