

State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

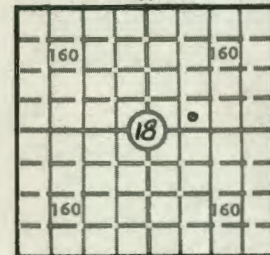
15-059-20360

S. 18 T. 16 R. 21 E

Loc. SE SW NE

County Franklin

640 Acres
N



Locate well correctly

Elev.: Gr.

DF KB

API No. 15 — 059 — 20,360
County Number

Operator
Rader Oil Co.

Address
R. R. #1 Eudora, Kansas 66025

Well No. #21 Lease Name McConnell + LCC

Footage Location
2,420 feet from (N) (E) line 2855 BSL, 1720 FEL 1,650 feet from (E) (W) line

Principal Contractor Kent Drilling Co. Geologist Dick Rader

Spud Date Aug. 23, 1977 Total Depth 750 P.B.T.D.

Date Completed Aug. 1, 1977 Oil Purchaser Bluebird Oil Co.

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	9	7	26	40	common	8	none
Production	6 1/4	4 1/2	10.5	715	Pozmix	100	salt, poz. gel flo-seal

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	1/2 jet	685-689

Size	Setting depth	Packer set at
2"	683	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
60 sx. sand and 140. bbl. oil	685-689

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 5 bbls.	Gas 0 bbls.	Water 1 MCF	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s) 685-689		

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

Well No. 21 Lease Name McConnell

S 18 T 16 R 21 E 7

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 & Clay	0	34		
Lime	34	59		
Shale	59	67		
Lime	67	77		
Shale	77	80		
Lime	80	100		
Shale	100	157		
Lime	157	183		
Shale	183	235		
Lime	235	257		
Shale	257	282		
Lime	282	288		
Shale	288	312		
Lime	312	320		
Shale	320	347		
Lime	347	374		
Shale	374	382		
Lime	382	405		
Shale	405	408		
Lime	408	420		
Shale	420	572		
Lime	572	576		
Shale	576	586		
Lime	586	594		
Shale	594	600		
Lime	600	607		
Shale	607	617		
Lime	617	621		
Shale	621	636		
Lime	636	640		
Shale	640	675		
Lime	675	678		
Shale	678	683		
Sand Oil	683	700	Squirrel	683-700
Shale	700	736		
Lime	736	738		
Shale	738	750 TD		

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

Date Received	<i>Rader Oil</i> Signature
	Owner
	Title
	Dec. 12, 1977 Date