

KANSAS
AFFIDAVIT AND
WELL COMPLETION REPORT AND
DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

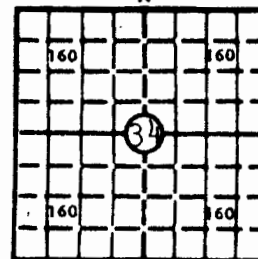
API No. 15 — 167 — 21,811
County Number

S. 34 T. 14S R. 14W E W

Loc. SW/4 SW/4 NW/4

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1714'

DF KB 1,719'

Operator
National Cooperative Refinery Association

Address
Box 6, Great Bend, Kansas 67530

Well No. 10 Lessee Name Mai

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

Principal Contractor Red Tiger Drilling Company Geologist Larry Bookless

Spud Date 10/21/81 Date Completed 10/28/81 Total Depth 3,156' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser Kaw Pipe Line

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"	24#	720'	50-50 Pozmix Common	200 sx 100 sx	4% Cel, 3% C.C. 3% C.C.
Production	7 7/8"	5 1/2"	14#	3,150'	60-40 Pozmix	100 sx	18% Salt 3/4 of 1% FR2

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"	3150'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used
Completed Natural

RECEIVED
STATE CORPORATION COMMISSION
DEC - 8 1981
CONSERVATION DIVISION
Wichita Kansas

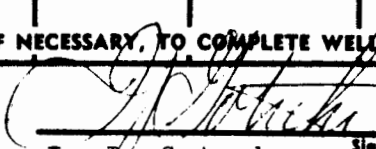
INITIAL PRODUCTION

Date of first production 11-20-81 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS OH 30 bbls. Gas - MCF Water 60 bbls. Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s) 3150-56' open hole

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, 245 No. Water, Wichita, Kansas 67202. 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 National Cooperative Refinery Association		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil	
Well No. 10	Lease Name Mai		
S <u>34</u> T <u>14S</u> R <u>14W</u> ^{SW} SW SW NW			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
Show all important zones of porosity and contents thereof; cased intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	
Shale & Sand Streaks	0	229	
Pyrite & Hard Sand	229	238	
Shale & Sand	238	381	
Shale	381	716	
Anhydrite	716	754	
Shale	754	1365	
Shale & Lime	1365	1950	
Lime & Shale	1950	2748	
Lime	2748	3156	
RTD		3156	
See geological report attached No logs.			
RECEIVED STATE CORPORATION COMMISSION DEC - 8 1981 CONSERVATION DIVISION Wichita, Kansas			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 I. J. Gotsche District Superintendent December 4, 1981		
	Signature Title Date		