

CONFIDENTIAL

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State Geological Survey
KANSAS DRILLERS LOGAPI No. 15 — 083 — 20,292
County Number

Operator

Mack Oil Company

Address

812 Union Center, Wichita, KS 67202

Well No.

#1

Lease Name

Ruth

Footage Location

660' - North line

660' - West line

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Red Tiger Drlg.

Geologist

Benny Singleton, Jr.

Spud Date

4-4-73

Total Depth

4680'

P.B.T.D.

none

Date Completed

4-17-73

Oil Purchaser

none

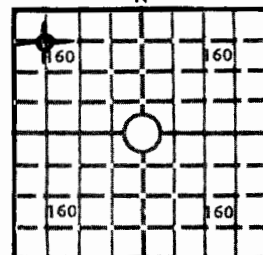
S. 29 T. 23 R. 21 E W

Loc. C NW NW

County Hodgeman

640 Acres

N



Locate well correctly

2341'

Elev.: Gr.

DF 2344' KB 2346'

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
		8 5/8"	24#	302'	common	175'sx	3% cal. chlor. 2% gel.

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

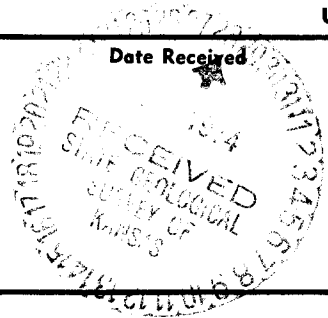
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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 Mack Oil Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #1	Lease Name Ruth	Dry hole	
S <u>29</u> T <u>23</u> S <u>R</u> 21 <u>W</u>			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Surface hole	0	305	Schlumberger
Shale	305	910	
Sand	910	1050	
Sand & Shale	1050	1135	
Shale & Redbed	1135	1442	
Anhydrite	1442	1462	
Shale & Shells	1462	2310	
Shale & Lime	2310	4045	
Lime	4045	4680	
DST #1 4366-4420 30"-30"-30"-30" weak blow., 15' OCM 120' Wtry M BHP's 1083-967# FP's 11-77# DST #2 4616-23 30"-30"-30"-30" 1' M BHP's 10-8# FP's 10-8# DST #3 4617-38 30"-30"-30"-30" 20' M BHP's 1210-1080# FP's 10-18# DST #4 4630-43 30"-30"-60"-30" 360' Sulphur water BHP's 1410-1400# FP's 10-160#			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received 			
	Signature		
	Title		
	Date		