

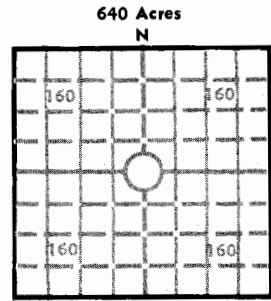
KANSAS Geological Survey
KANSAS DRILLERS LOG
 WICHITA, BRANCH

IMPORTANT
 Kans. Geo. Survey request
 samples on this well.

S. 18 T. 11 R. 31 ~~W~~
 Loc. C SW SE
 County Gove

API No. 15 — 063 — 20,178
 County Number

Operator Raymond Oil Company	
Address 200 West Douglas Wichita, Kansas	
Well No. #1	Lease Name Jones
Footage Location 660 feet from <input checked="" type="checkbox"/> (S) line 660 feet from <input checked="" type="checkbox"/> (W) line	
Principal Contractor Red Tiger Drilling Company	Geologist George A. McCaleb
Spud Date June 13, 1973	Total Depth 4679' (Log)
Date Completed June 29, 1973	P.B.T.D. Permian



Elev.: Gr. 3003'
 DF 3005' KB 3008'

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
	12-1/4"	8-5/8"		254'	Halliburton Common-3%CC	158	
	7-7/8"	5-1/2"	15#	4675'	6-40 Poz Halliburton Lt.	200 350	18% Salt

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

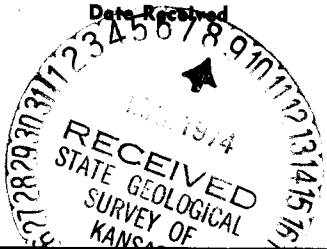
Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	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 Raymond Oil Company, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. 1	Lease Name Jones	Oil		
S 18 T11S R 31 ^{Ec} _W				
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	DEPTH

	<p>_____ Signature</p>
	<p>_____ President</p>
	<p>_____ February 20, 1974</p>
	<p>_____ Date</p>

991001

DRILLERS LOG

18-11S-31W
~~18-11S-13W~~

API# 15-063-20178

No. 1 Jones

CASING RECORD:

COMPANY: Raymond Oil Company, Inc.

DESCRIPTION:

8-5/8" @ 254'
w/175 sx cement

CONTRACTOR: Red Tiger Drilling Company

C SW SE
18-11S-31W
Gove County,
Kansas

5-1/2" @ 4648.98'
w/550 sx cement

COMMENCED: June 13, 1973

COMPLETED: June 29, 1973

TOTAL DEPTH: 4678'

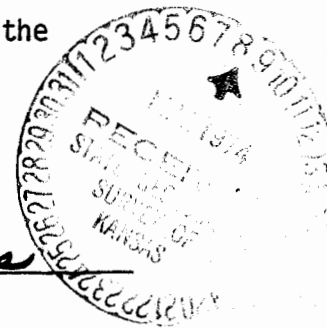
ELEVATION: 3003 Ground Level

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Remarks</u>
Surface Soil & Shale	0	258	
Shale	258	1785	
Shale & Sand	1785	2216	
Shale	2216	2505	
Anhydrite	2505	2536	
Shale	2536	2635	
Shale & Lime	2635	3800	
Lime	3800	4678	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

Linda H. Dickens
Linda H. Dickens



Subscribed and sworn to before me this 3rd day of July, 1973.

Linda C. Mourey
Notary Public

My Commission Expires:

May 24, 1977

