

CONFIDENTIAL

KANSAS DRILLERS LOG

IMPORTANT
 Kans. Geo. Survey request
 samples on this well

Released
 7/16/81
 19 T. 11 R. 22XXX
 W

API No. 15 — 195 — 20,610
 County Number

Operator
Rupe OilCo. Inc.

Address
PO Box 2273, Wichita, KS 67201

Well No. 2 Lease Name Eva Richardson

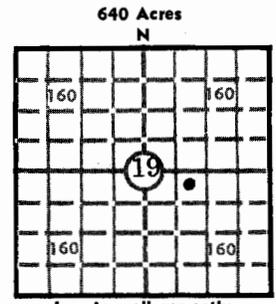
Footage Location
2310 feet from (N) (S) line 1650 feet from (E) (W) line

Principal Contractor Red Tiger Drilling Company Geologist Charles M. Kuhl / Martha T. Kopper

Spud Date January 22, 1980 Total Depth 3900' P.B.T.D. 3865'

Date Completed February 2, 1980 Oil Purchaser Clear Creek, Inc.

Loc. NE NW SE
 County TREGO



Locate well correctly
 Elev.: Gr. 2239'
 DF 2244' KB

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 1/2"	8 5/8"	28#	208'	Common	165	2% Gel, 3% Calcium Chloride
Production		4 1/2"	10.5#	3899'	50-50 Pozmix	200	18% Salt 0.75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			1	DP	(3830'-32' 3836'-40' 3848'-52')
Size	Setting depth	Packer set at			
2-3/8"	3844'	--			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
36,000 gal. Gelled KCI water; 20,000# 20/40 sand; 2500# 10/20 Sand	(3830'-32' 3836'-40' 3848'-52')
15% MCA	

INITIAL PRODUCTION

Date of first production <u>April 23, 1980</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>40</u> bbls. Gas <u>MCF</u> Water <u>--</u> Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold) <u>None</u>	Producing interval(s) <u>3830'-32'; 3848'-52'; Marmaton 3836'-40'</u>

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 **Rupe Oil Company, Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **Oil**

Well No. **#2** Lease Name **Richardson**

S 19 T 11S R 22 ^E/_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
DST #1 from 3424' - 3445' 30", 30", 30", 45" Weak blow for 30", Recovered 30' 'thin' Mud IFP & FFP 32# & 32# ISIP & FSIP 981#			Anhydrite Topeka Heebner	1697' 3247' 3463'
DST #2 from 3476' - 3510' 30", 45", 60", 60" Had 560' Gas in Pipe, 75' Oil and Gas Cut Mud, 250' Muddy Gassy Oil 15' Muddy Water. IFP 42# & 63#, FFP 63# & 136# ISIP 638#, FSIP 618#			Lansing Marmaton	3500' 3826'
DST #3 from 3551' - 3585' 30", 45", 60", 60". Recovered 900' Gas in Pipe, 30' Slightly Oil & Gas Cut Mud, 190' Heavy Mud and Gas Cut Oil (broke down 12% Mud, 2% Water, 40% Oil, 46% Gas) 550' Slightly Mud and Gas Cut Oil (broke down 5% Mud, 1% Water, 85% Oil, 9% Gas). IFP 53# & 136#, FFP 157# & 262# ISIP 566#, FSIP 566#				
DST #4 from 3647' - 3690' 30", 45", 60", 60" Had strong blow. 330' Gas in Pipe, 180' Highly Mud Cut Gassy Oil (broke down 30% Mud, 5% Water, 40% Oil, 25% Gas) IFP 53# & 63#, FFP 84# & 115# ISIP 231#, FSIP 220#				
DST #5 from 3692' 3725' 30", 45", 60", 75" 75' Gas in Pipe, 110' Highly Mud Cut Gassy Oil (35% Mud, 5% Water, 40% Oil, 20% Gas). IFP 10# & 32#, FFP 42# & 63# ISIP 536#, FSIP 305#				
DST #6 from 3799' - 3850' 30", 45", 45", 75" Recovered 160' Gas, 200' Highly Mud Cut Gassy Oil IFP 11# & 42#, FFP 42# & 95#, ISIP 1202#, FSIP 1181#.				

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

Date Received _____
 Rupe Oil Company, Inc.
 By Martha Tetric Kopper
 Martha Tetric Kopper ^{Signature}
 Petroleum Geologist
 Title
 April 1, 1980
 Date

81056

DRILLERS LOG

15-195-20610

19-11-22W

No. 2 Eva Richardson

CASING RECORD: COMPANY: Rupe Oil Company, Inc. DESCRIPTION:
 8 5/8" @ 208' w/165 sx cement CONTRACTOR: Red Tiger Drilling Company 265' W of NE/4 NW/4 SE/4
 4 1/2" @ 3,899' w/200 sx cement COMMENCED: January 22, 1980 Sec. 19-T11S-R22W
 TREGO COUNTY, KANSAS
 TOTAL DEPTH: 3,900' COMPLETED: February 2, 1980 ELEVATION: 2,245' KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Rock & Sand	0	125	
Sand & Shale	125	222	
Shale	222	780	
Sand & Red Bed	780	968	
Sand	968	1052	
Shale & Sand Streaks	1052	1225	
Sand	1225	1405	
Shale & Hard Sand	1405	1467	
Shale & Sand	1467	1470	
Red Bed	1470	1630	
Shale	1630	1697	
Anhydrite	1697	1735	
Shale	1735	2070	
Shale & Lime	2070	2340	
Shale	2340	2570	
Shale & Lime Streaks	2570	2810	
Shale & Lime	2810	3322	
Lime	3322	3900	
RTD		3900	

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

RED TIGER DRILLING COMPANY

Gloria Fawcett
Gloria Fawcett

RECEIVED
STATE CORPORATION COMMISSION
FEB 14 1980
CONSERVATION DIVISION
Wichita, Kansas

Subscribed and sworn to before me this 12th day of February, 1980.

 JIMMIE L. FARRICE
NOTARY PUBLIC
Sedgwick County, Kansas
My Appt. Exp. 10-15-80

Jimmie L. Farrice
Notary Public