

State Geological Survey

WICHITA BRANCH
KANSAS DRILLERS LOG

14-34-20W

API No. 15 — 033 — 20,289
County Number

Operator

K. R. M. Petroleum Corp.

Address

817 17th Street Denver, Colo 80202

Well No.

#1

Lease Name

L. W. Rhoades

Footage Location

1980 feet from (N) line

660 feet from (E) line

Principal Contractor

H-30 Drilling, Inc.

Geologist

Copeland Landes

Spud Date

6/6/79

Total Depth

4830'

P.B.T.D.

4806'

Date Completed

7/19/79

Oil Purchaser

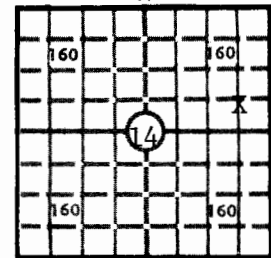
KOCH Oil Company

S. 14 T. 34 R. 20 W

Loc. SE NE

County Comanche

640 Acres
N



Locate well correctly

Elev.: Gr. 1759'

DF KB 1771'

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	14-3/4" 12 1/4"	10-3/4" 8-5/8"	40.5 20	93' 782'	Class "A"	110	3% CC, 2% gel
production	7-7/8"	5 1/2"	14	4824'	50/50 Pozmix	100	18% salt & .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	w/csg. gun	4763'-67'
TUBING RECORD					
Size	Setting depth	Packer set at			
2-3/8"	4734'	4703'			

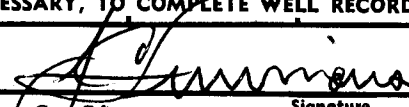
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/5000 gal. 15% HCL NE acid w/10 ball sealers	4763'-67'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
7/19/79		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	48 bbls.	48 MCF	None bbls.	1000	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
vented			4763'-67'		

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 K.R.M. Petroleum Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil																							
Well No. 1	Lease Name L. W. Rhoades																								
S 14 T 34SR 20 Ex 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																						
DST #1: 4740'-4782' (LKC-Swope) IHP=2313 30" IFP=37-34 60" ISIP=471 60" FFP=50-50 120" FSIP=1495 FHP=2274 Str. blow thruout. Rec. 60' MO, 60' OCM. Cored 4766'-82'. Ran Welex Gamma-Guard Neutron & Comp. Dens. Logs.			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Council Grove</td> <td style="padding: 5px;">2640 (-869)</td> </tr> <tr> <td style="padding: 5px;">Cottonwood</td> <td style="padding: 5px;">2815 (-1044)</td> </tr> <tr> <td style="padding: 5px;">Wabaunsee</td> <td style="padding: 5px;">3190 (-1419)</td> </tr> <tr> <td style="padding: 5px;">Elgin Sand</td> <td style="padding: 5px;">4022 (-2251)</td> </tr> <tr> <td style="padding: 5px;">Heebner</td> <td style="padding: 5px;">4150 (-2379)</td> </tr> <tr> <td style="padding: 5px;">Toronto</td> <td style="padding: 5px;">4160 (-2389)</td> </tr> <tr> <td style="padding: 5px;">LKC</td> <td style="padding: 5px;">4338 (-2567)</td> </tr> <tr> <td style="padding: 5px;">Stark Shale</td> <td style="padding: 5px;">4744 (-2973)</td> </tr> <tr> <td style="padding: 5px;">Swope</td> <td style="padding: 5px;">4764 (-2993)</td> </tr> <tr> <td style="padding: 5px;">Hush</td> <td style="padding: 5px;">4796 (-3025)</td> </tr> <tr> <td style="padding: 5px;">Hertha</td> <td style="padding: 5px;">4803 (-3032)</td> </tr> </table>	Council Grove	2640 (-869)	Cottonwood	2815 (-1044)	Wabaunsee	3190 (-1419)	Elgin Sand	4022 (-2251)	Heebner	4150 (-2379)	Toronto	4160 (-2389)	LKC	4338 (-2567)	Stark Shale	4744 (-2973)	Swope	4764 (-2993)	Hush	4796 (-3025)	Hertha	4803 (-3032)
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USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																									
Date Received	 Signature J. C. Simmons Title Vice President 7/31/79 Date																								

14-24-3500

15-033-20284

API No. 15-033-20,299 ✓

State Geological Survey
WICHITA DIVISION

KANSAS DRILLERS LOG

14-34-20W

COMPANY K. R. M. Petroleum Corporation

SEC. 14 T. 34S R. 20W

FARM L. W. Rhoades NO. 1

LOC. C-SE NE

COUNTY Comanche

ROTARY TOTAL DEPTH 4,830'

COMM. June 6, 1979

COMP. June 17, 1979

CONTRACTOR H-30, Inc. (Rig #77)

ISSUED June 25, 1979

CASING

10 3/4" Set at 93' cemented w/400 sxs cement
 8 5/8" Set at 782' cemented w/100 sxs cement
 5 1/2" Set at 4,824' cemented w/100 sxs cement
 4 1/2"

ELEVATION 1,759' Gr.

FIGURES INDICATE BOTTOM OF FORMATIONS

Red Bed and Sand	281'
Red Bed	650'
Red Bed and Sand	783'
Stone Coral	805'
Red Bed and Shale	1,510'
Shale and Lime	2,234'
Shale and Anhydrite	2,511'
Lime and Shale	2,711'
Shale and Lime	3,189'
Lime and Shale	4,816'
Lime	4,830'
Rotary Total Depth	4,830'

I hereby certify the above and foregoing to be
 a true and correct log of the above described
 well as shown by the drilling reports.

H-30, Inc.

Dean Britting
 Dean Britting

State of Kansas }

County of Sedgwick }

ss:

Subscribed and Sworn to before me a Notary Public

in and for said county and state this 25th day of

June, 1979.