

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

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

API No. 15 — 187 — 20296
County Number

Operator
Ketal Oil Producing

Address
2008 Ft. Worth Nat'l Bank Bldg. Ft. Worth Texas

Well No. # 1 Lease Name Light

Footage Location
1980 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor Ketal Oil Producing Co. Geologist J L. Stratton

Spud Date 12/03/78 Total Depth 5559' P.B.T.D. --

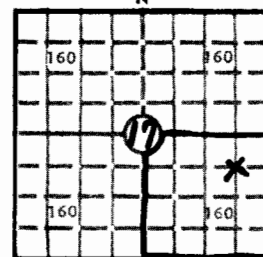
Date Completed -- Oil Purchaser --

S. 17 T. 30S. R. 41W E W

Loc. SE/4

County Stanton

640 Acres



Locate well correctly

Elev.: Gr. 3409'

DF 3417' KB 3419'

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 Casing	12 1/4"	8-5/8"	24#	1584'	35/65 poz.	500	6% gel, 1/4# D29, 3% CaCl
					Class "H"	150	3% CaCl

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 Ketal Oil Producing Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:																																							
Well No. One (1)	Lease Name Light	dry hole																																							
S <u>17</u> T <u>30S</u> R <u>41</u> <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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%; padding: 5px; font-size: small;">NAME</th> <th style="width: 40%; padding: 5px; font-size: small;">DEPTH</th> </tr> </thead> <tbody> <tr><td>Krider</td><td>2190'</td></tr> <tr><td>Wreford</td><td>2540'</td></tr> <tr><td>Council Grove</td><td>2560'</td></tr> <tr><td>Waubunsee</td><td>2911'</td></tr> <tr><td>Topeka</td><td>3206'</td></tr> <tr><td>Heebner</td><td>3668'</td></tr> <tr><td>Lansing</td><td>3775'</td></tr> <tr><td>Marmaton</td><td>4230'</td></tr> <tr><td>Cherokee</td><td>4514'</td></tr> <tr><td>Atoka</td><td>4718'</td></tr> <tr><td>Morrow Fmtn.</td><td>5012'</td></tr> <tr><td>U. Morrow sd zn</td><td>5242'</td></tr> <tr><td>L. Morrow sd zn</td><td>5281'</td></tr> <tr><td>Keyes sd zn</td><td>5325'</td></tr> <tr><td>Chester</td><td>5370'</td></tr> <tr><td>St. Genevieve</td><td>5411'</td></tr> <tr><td>St. Louis</td><td>5540'</td></tr> <tr><td>T.D.</td><td>5555'</td></tr> </tbody> </table>	NAME	DEPTH	Krider	2190'	Wreford	2540'	Council Grove	2560'	Waubunsee	2911'	Topeka	3206'	Heebner	3668'	Lansing	3775'	Marmaton	4230'	Cherokee	4514'	Atoka	4718'	Morrow Fmtn.	5012'	U. Morrow sd zn	5242'	L. Morrow sd zn	5281'	Keyes sd zn	5325'	Chester	5370'	St. Genevieve	5411'	St. Louis	5540'	T.D.	5555'
NAME	DEPTH																																								
Krider	2190'																																								
Wreford	2540'																																								
Council Grove	2560'																																								
Waubunsee	2911'																																								
Topeka	3206'																																								
Heebner	3668'																																								
Lansing	3775'																																								
Marmaton	4230'																																								
Cherokee	4514'																																								
Atoka	4718'																																								
Morrow Fmtn.	5012'																																								
U. Morrow sd zn	5242'																																								
L. Morrow sd zn	5281'																																								
Keyes sd zn	5325'																																								
Chester	5370'																																								
St. Genevieve	5411'																																								
St. Louis	5540'																																								
T.D.	5555'																																								
DST #1 - 4969-83' I. Opn. 60" Weak blow to bubbles throughout (by-passed to flush tool after 30" - no improvement) ISI 60" Recovered - 10' drlg. mud, no oil, nor SW nor gas IFP 65# IBHP 65#/60" IHP 2475# No cores taken. No commercial zones were encountered in the drilling of the well. The well was plugged and abandoned.			At 5555' ran Wellex IES & CDL - N to 5559'																																						
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																																									
Date Received	<div style="text-align: center;"> <div style="display: flex; justify-content: center; align-items: center;"> <div style="width: 100px; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="font-size: small; margin-bottom: 5px;">Signature</div> </div> <div style="display: flex; justify-content: center; align-items: center;"> <div style="width: 100px; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="font-size: small; margin-bottom: 5px;">Title</div> </div> <div style="display: flex; justify-content: center; align-items: center;"> <div style="width: 100px; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="font-size: small; margin-bottom: 5px;">Date</div> </div> </div>																																								