

# KANSAS DRILLERS LOG

API No. 15 — 007 — 20,954  
County Number

Operator

The Maurice L. Brown Company

Address

200 Sutton Bldg., Wichita, Kansas 67202

Well No.

1

Lease Name

Krehbiel

Footage Location

1980 feet from (S) line

1980 feet from (W) line

Principal Contractor

Murfin Drilling Company

Geologist

Chuck Rhoades

Spud Date

12-23-80

Total Depth

4820'

P.B.T.D.

Date Completed

1-12-81

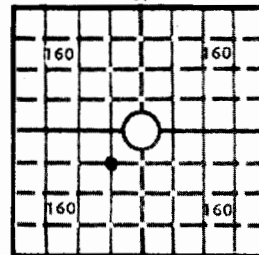
Oil Purchaser

P & A

State Geological Survey  
WICHITA BRANCH  
S. 13  
Loc. C NE SW

County Barber

640 Acres  
N



Locate well correctly

Elev.: Gr. 1445'

DF 1451' KB 1454'

## 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 1/4"	8-5/8"	23#	403.74'	HLC Class A	150 150	1/4# Flo., 3% CC 1/4# Flo., 3% CC

## 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.)			
P & A					
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.

<b>Operator</b> The Maurice L. Brown Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.; <div style="text-align: center;">Dry Hole</div>	
<b>Well No.</b> <div style="text-align: center;">1</div>	<b>Lease Name</b> <div style="text-align: center;">Krehbiel</div>		
S <u>13</u> T <u>32</u> SR <u>12</u> <sup>0</sup> <sub>W</sub>			
<b>WELL LOG</b> <small>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.</small>		<small>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</small>	
<b>FORMATION DESCRIPTION, CONTENTS, ETC.</b>	<b>TOP</b>	<b>BOTTOM</b>	<b>NAME</b>
See Attached Sheets			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
<b>Date Received</b>	<div style="text-align: center;">             Signature         </div> <div style="text-align: center;"> <b>Drilling Manager</b>            Title         </div> <div style="text-align: center;"> <b>1-26-81</b>            Date         </div>		

## FORMATIONS:

The following are the depths and datums of formation tops encountered as determined by samples and electrical/Nuclear log analysis.

<u>FORMATION</u>	<u>SAMPLE</u>	<u>LOG</u>	<u>DATUM</u>
Heebner	3490	3490	-2036
Douglas Shale	3526	3526	-2072
Douglas Sand	3601	3600	-2146
Brown Lime	3701	3702	-2248
Lansing	3709	3712	-2258
Hertha	4118	4124	-2670
Base/Kansas City	4175	4176	-2722
Mississippi Chert	4276	4277	-2823
Mississippi Lime	4371	4372	-2918
Kinderhook Shale	4448	4445	-2991
Chattanooga Shale	4524	4524	-3070
Viola	4559	4561	-3107
Simpson Shale	4630	4624	-3170
Simpson Sand	4646	4641	-3187
Arbuckle	4768	4769	-3315
TD	4820	4818	-3364

## SPECIAL NOTE:

During the No. 2 Dst, we had trouble shutting in the test tool on the first shut-in. So only one flow and shut-in were ran.

## DRILL STEM TESTS:

A geological log is included with this report and is considered a part of it. Please refer to it for circulating for samples information, straight hole tests, mud properties, straps, and sample descriptions. The following are drill stem test results.

Douglas Sand, 3600 feet (2146 EL)

DST NO. 1	Open 60 minutes. Strong blow off bottom of bucket. No GTS.
3502-3645 feet	Shut-in 60 minutes. Open 60 minutes. Very weak blow.

DRILL STEM TEST CON'T

No GTS. Shut-in 60 minutes.  
Recovered: 2300 feet salt water

Initial Hydrostatic Head	1765 psi
Initial Flow Pressure	508-1151 psi
Initial Shut-in Pressure	1168 psi
Final Flow Pressure	1160-1168 psi
Final Shut-in Pressure	1168 psi
Final Hydrostatic Head	1748 psi
Temperature	112 degrees

Mississippi Chert, 4277 feet (-2823 EL)

DST NO. 2      Open 60 minutes. Weak blow 2" in bucket building to 7".  
4270-4287 feet      Couldn't shut in tool. Had to pull packer loose and reset  
it to shut tool in. No final flow or shut-in.  
Recovered: 60' GIP, 150' sgcm

Initial Hydrostatic Head	2153 psi
Initial Flow Pressure	49-68 psi
Initial Shut-in Pressure	1064 psi
Temperature	118 degrees

Mississippi Chert, 4277 feet (-2823 EL)

DST NO. 3      Open 60 minutes. Weak blow 1" increasing to 7". Shut-in  
4280-4297 feet      60 minutes. Open 90 minutes. Weak blow 2" in bucket in=  
creasing to 7". Shut-in 120 minutes.  
Recovered: 120' GIP, 80' sgcmw, 120' mw

Initial Hydrostatic Head	2138 psi
Initial Flow Pressure	30-60 psi
Initial Shut-in Pressure	1064 psi
Final Flow Pressure	70-110 psi
Final Shut-in Pressure	1123 psi
Final Hydrostatic Head	2108 psi
Temperature	119 degrees

Simpson Sand, 4641 feet (-3187 EL)

DST NO. 4      Open 60 minutes. Blew off bottom in 2 minutes. No GTS. Shut-  
4622-4656 feet      in 60 minutes. Open 60 minutes. Blew off bottom in 4 minutes.  
No GTS. Shut-in 90 minutes.  
Recovered: 120' slightly ocgmw, 120' gmsw, 2030' gcsw

Initial Hydrostatic Head	2240 psi
Initial Flow Pressure	78-727 psi
Initial Shut-in Pressure	1720 psi
Final Flow Pressure	737-1064 psi
Final Shut-in Pressure	1720 psi
Final Hydrostatic Head	2230 psi
Temperature	131 degrees

DRILL STEM TEST CON'TSimpson Sand, 4641 feet (-3187)

DST NO. 5                      Open 60 minutes. Very weak blow throughout. Shut-in 60  
Straddle Test                minutes. Open ninety minutes. Very weak blow throughout.  
4682-4708 feet               Shut-in 120 minutes.  
Recovered: 430' mw

Initial Hydrostatic Head	2325 psi
Initial Flow Pressure	20-90 psi
Initial Shut-in Pressure	1685 psi
Final Flow Pressure	110-200 psi
Final Shut-in Pressure	1685 psi
Final Hydrostatic Head	2305 psi
No Temperature	