



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Osawatomie, KS 66064  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No. Company **JRC Oil Company, Inc.**  
 Well **Ketchmer No. KV-38**  
 Field **Bush City Shoesting**  
 County **Anderson** State **Kansas**

Location **3465' FSL & 4650' FEL**  
**SE-NW-SW-NW**

Sec. 33 Typ. 20s Rge. 21e Elevation 985'  
 Permanent Datum **GL** K.B. NA  
 Log Measured From **GL** D.F. NA  
 Drilling Measured From **GL** G.L. 985'

Date **07-19-2022**  
 Run Number **One**  
 Depth Diller **713.0**  
 Depth Logger **708.0**  
 Bottom Logged Interval **708.0**  
 Top Log Interval **20.0**  
 Fluid Level **Full**

Type Fluid **Water**  
 Density / Viscosity **NA**  
 Salinity - PPM Cl **NA**  
 Max. Recorded Temp **NA**  
 Estimated Cement Top **0.0**  
 Equipment No. **107** Location **Osawatomie**  
 Recorded By **Steve Windisch**  
 Witnessed By **Mike Odwin**

BORE-HOLE RECORD				CASING RECORD			
RUN No.	BIT FROM	TO	SIZE #1#	WGHT #	FROM	TO	
One	11.00"	20.0	21.1#	0.0	20.0	20.0	
Two	5.875"	20.0	7.13.0	2.875"	6.5#	0.0	710.0

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

**Comments**

Drilling Contractor :  
**Hat Drilling LLC**

Database File: **kretchmer 38-kv.db**  
 Dataset Pathname: **pass1**  
 Presentation Format: **gr-n-ccl**  
 Dataset Creation: **Tue Jul 19 12:05:54 2022 by Log SCH 111116**  
 Charted by: **Depth in Feet scaled 1:240**

