



MIDWEST WIRELINE

**DUAL COMP POROSITY
MICRO & DUAL IND LOG**

Company Ritchie Exploration, Inc.
Well Tubbs Unit #1
Field Wildcat
County Logan
State Kansas

Company **Ritchie Exploration, Inc.**
Well **Tubbs Unit #1**
Field **Wildcat**
County **Logan** State **Kansas**

Location: **218' FNL & 159' FEL**
API #: 15-109-21615-00-00
SEC 19 TWP 11S RGE 35W
Permanent Datum Ground Level Elevation 3273'
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
BHCS
K.B. 3278'
D.F. Na/
G.L. 3273'

Date	4/30/2021						
Run Number	One						
Type Log	CNL/CDL/ML/DIL						
Depth Driller	4950'						
Depth Logger	4950'						
Bottom Logged Interval	4949'						
Top Logged Interval	3400'						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	5000						
Density	9.4						
Level	Full						
Max. Rec. Temp. F	126 Deg/F						
Operating Rig Time	4 Hours						
Equipment -- Location	P-108 HAYS						
Recorded By	J. Henrickson						
Witnessed By	Max Lovely						
Borehole Record							
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25"	0	208'	8.625"	24#	0	208'
Two	7.875"	208'					
Casing Record							

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

**Winona Kansas
2 North, West Into**

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

**THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858**

Your Midwest Wireline Crew

Engineer: J. Henrickson
Operator: M. Hiss
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Max Lovely
Secondary Witness:
Secondary Witness:
Secondary Witness:



MIDWEST WIRELINE

MAIN PASS

Database File ritchie_tubbs_unit_1.db
 Dataset Pathname stackml/pass4.1
 Presentation Format RITCHC~1
 Dataset Creation Sat May 01 00:48:56 2021
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	MN	30	Density Porosity (pu)	0	0.2	Shallow Guard (Ohm-m)	2000	
150	GR (GAPI)	300	(Ohm-m)	30	Neutron Porosity (pu)	0	0.2	Medium Induction (Ohm-m)	2000	
6	Caliper (in)	16	0	20				0.2	Deep Induction (Ohm-m)	2000
2.875	DCAL (in)	7.875	MI							
-200	SP (mV)	0	(Ohm-m)							
			0	20						















