

Company		King Oil Operations		
Well		Landauer #1		
Field		Ellis		
County		Ellis		
State		Kansas		
Date	Location:		API # : 15 051 26872	Other Services DIL CDNL
	620 FNL & 1775 FEL			
	SEC. 30	TWP. 13S	RGE. 20W	
	Permanent Datum	Ground Level	Elevation	
Depth Driller	Log Measured From	KB 5 AGL	2217'	K.B. 2222'
	Drilling Measured From	KB		D.F. 2227'
				G.L. 2217'
	9-21-12			
	3943			
	Curve Definitions			
SW	Water Saturation			
Rwa	Apparent Water Resistivity			
VSH	Shale Volume			
PHIE	Effective Porosity			
K	Permeability			
BWV	Bulk Volume Water			
Pay	If: PHIE>7%, VSH<50%, SW<50%, DCAL<10"			
Recorded By	L. Smith			
Witnessed By	Mr. Cliff Chawey			

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

Thank you for using The Perforators LLC
Hays, KS (785) 621-4604

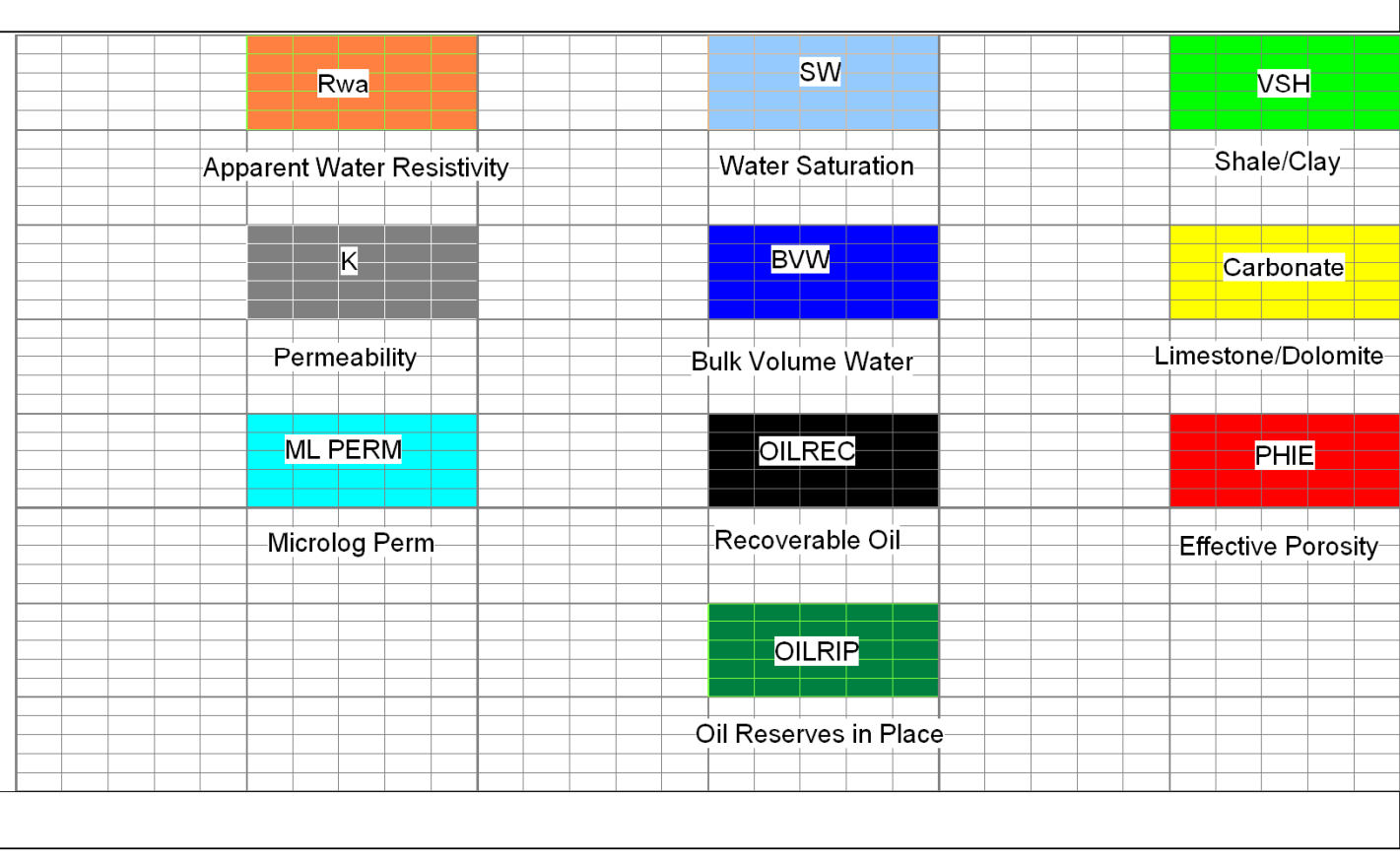
The

Perforators

LLC

Main Pass

Database File:	gcolorchart.db
Dataset Pathname:	pass3.1
Presentation Format:	color
Dataset Creation:	Wed Nov 17 10:09:46 2010
Charted by:	Depth in Feet scaled 1:240



Database File:	kolandauer#1oh.db
Dataset Pathname:	oh2
Presentation Format:	kohcgi
Dataset Creation:	Tue Sep 25 09:30:59 2012
Charted by:	Depth in Feet scaled 1:240

0	GR (GAPI)	150	RILD		0	Rwa (Ohm-m)	1	100	SW (%)	-100	0	VSH (%)	100
-100	SP (mV)	100	0.2 (Ohm-m) 2000		0	K	5	50	PHIE (%)	0	50	PHIE (%)	0
6	DCAL (in)	16	RLL3					50	BVW (%)	0			
6	BOREID (in)	16	0.2 (Ohm-m) 2000					30	NPOR (pu)	-10			
140	Rxo/Rt	-60	0 NEU (NAPI) 700					30	DPOR (pu)	-10			
								200COILREC (bbl)	0				
								8000OILRIP (bbl)	0				

