



Pioneer Energy Services

Computer Processed Interpretation

API No.		Company American Warrior, Inc.			
15-135-25,673-00-00		Well EHT #1-17			
		Field Wildcat			
		County Ness		State Kansas	
		Location 2560' FNL & 2210' FWL		Other Services DIL/CNL/CDL	
		Sec: 17		Twp: 18S	
Permanent Datum Ground Level		Log Measured From Kelly Bushing		Elevation 2197	
Drilling Measured From Kelly Bushing		6 Ft. Above Perm. Datum		K.B. 2203 D.F. 2197 G.L.	
Date Recorded 12/10/2013					
Depth Logger 4306		Curve Definitions			
SW		Water Saturation			
SXO		Water Saturation In The Flushed Zone			
VCL		Volume Of Clay			
PHIE		Density - Neutron Crossplot Shale Corrected			
BWV		Bulk Volume Water			
BWMSXO		Bulk Volume Water In Flushed Zone			
DCAL		Caliper			
SPC		SP Corrected For Baseline			
DGA		Apparent Grain Density			
Payflag		If: PHIE> 2 %, VCL< 40 %, SPC> -10 , SW< 50 % & DCAL< 11			
Recorded By		D.Kerr			
Witnessed By		Jason Alm			
Analysis By		Dale Legleiter			

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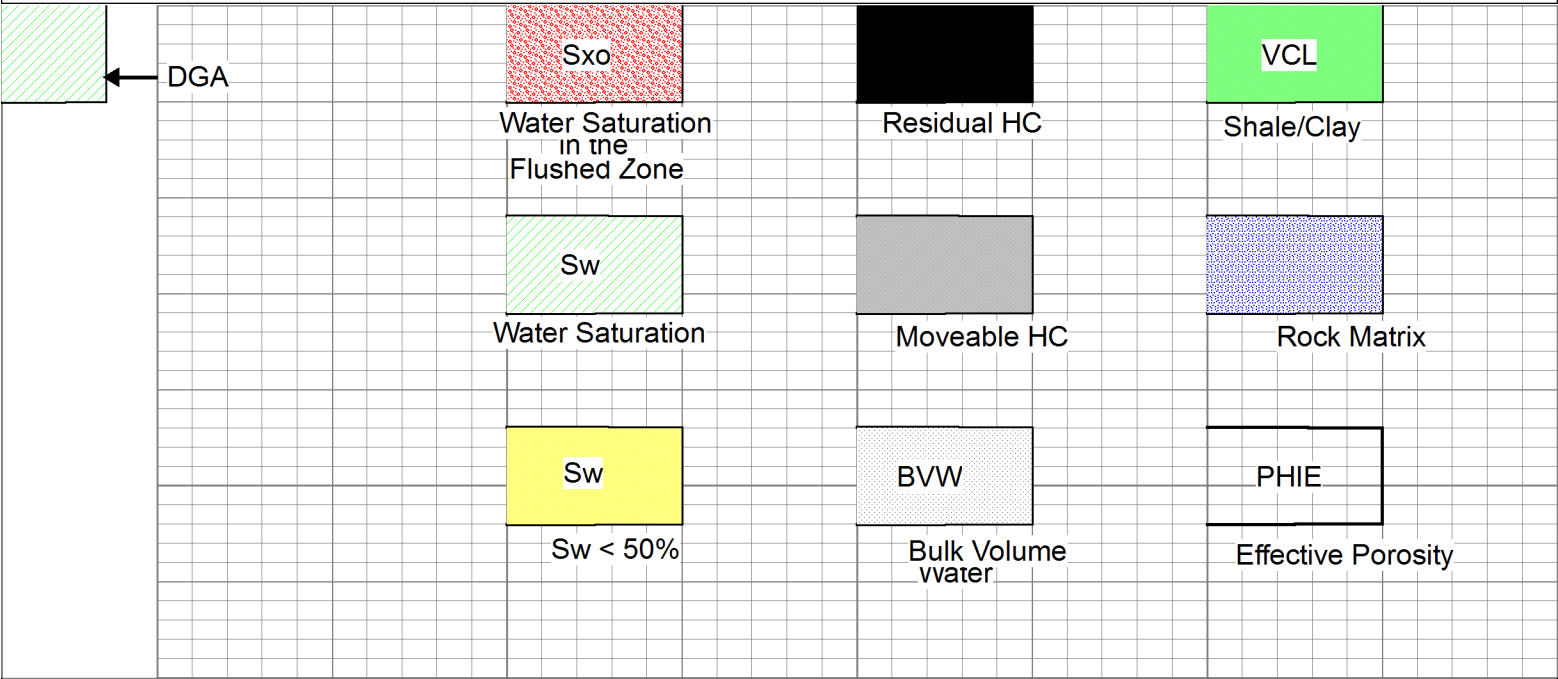
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Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Alexander KS, 5 1/2 West to FF RD,
3 North, 1/2 West, South Into

Database File: c:\warrior\data\cross plots\2wxplt.db
Dataset Pathname: litho
Presentation Format: 2wxplt



Database File: c:\warrior\data\amwar_eht #1-17\amwarrior_eht_1_17hd.db

Dataset Pathname: cpi/awcpi

Presentation Format: calc

Dataset Creation: Tue Dec 10 13:13:36 2013

Charted by: Depth in Feet scaled 1:240

DGA		0	Gamma Ray	150	1	SW	0	0.3	PHIE	0	0	VCL	1
2.6	3.1	6	DCAL	16	30	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
		-150	SPC (mV)	0	1	SXO	0	0.3	BVWSXO	0			

