



Pioneer Energy Services

Computer Processed Interpretation

15-135-25,706-00-00

API No.

Company **American Warrior, Inc.**

Well **RDT Unit No. 1**

Field **Wildcat**

County **Ness** State **Kansas**

Location

2,640' FSL & 2,070' FWL

Sec: **21** Twp: **18S** Rge: **22W**

Other Services
DIL/CNL/CDL

Elevation

K.B. 2247
D.F. 2241
G.L. 2241

Permanent Datum **Ground Level** Elevation **2241**
Log Measured From **Kelly Bushing** 6 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Date Recorded **12/17/2013**

Depth Logger **4419**

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 **J. Long**

Witnessed By **Jason Alm**

Analysis By **T. Martin**

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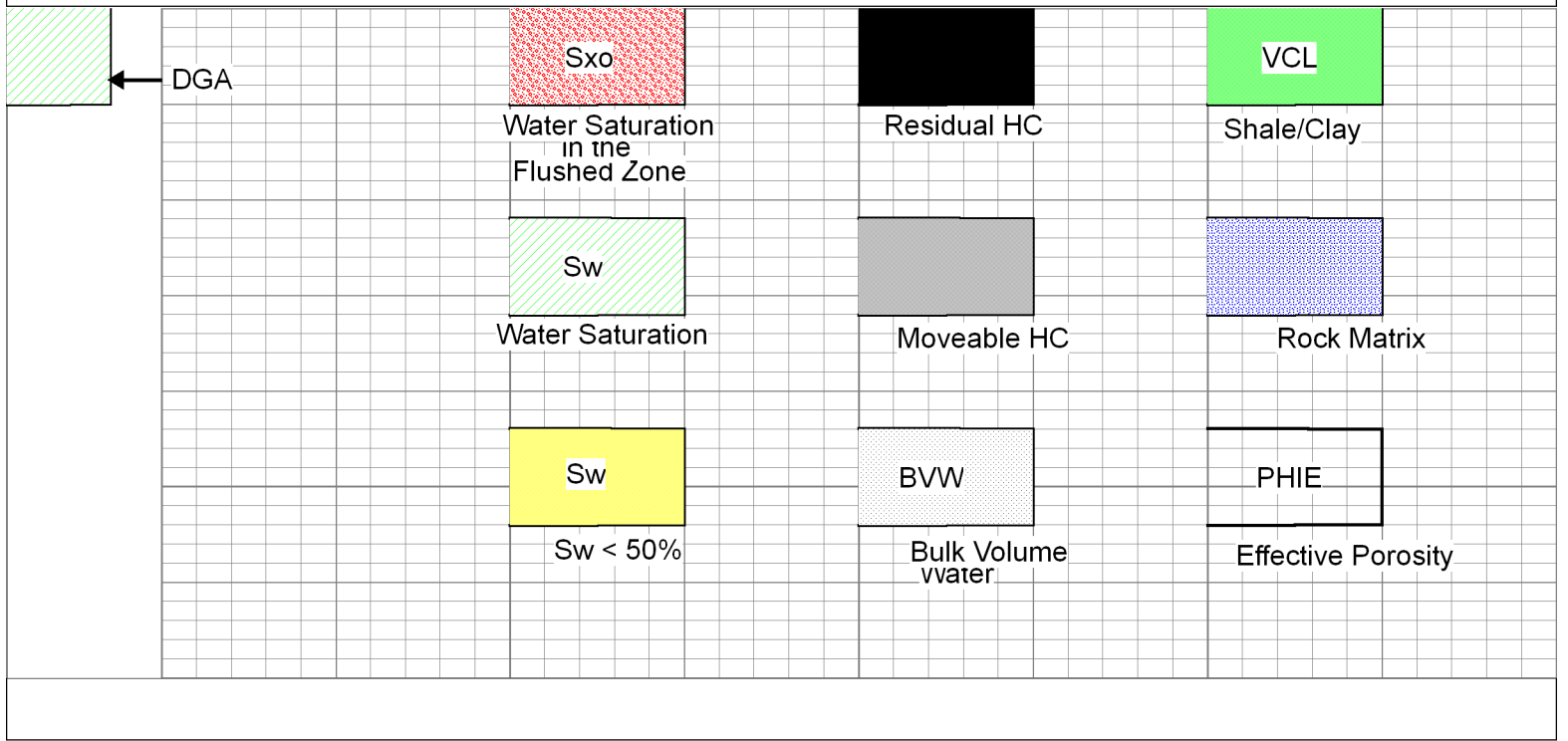
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Comments

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Bazine, 3 West to AA Road, 1 North, 1/2 West, 1/2 North, West Into

Database File: c:\warrior\data\cross plots\2wxplt.db
 Dataset Pathname: litho
 Presentation Format: 2wxplt
 Dataset Creation: Thu Apr 24 14:32:02 1997
 Charted by: Depth in Feet scaled 1:240



Database File: amwarrior_rdt_unit_1hd.db
 Dataset Pathname: dil/awcpi
 Presentation Format: calc
 Dataset Creation: Wed Dec 18 01:02:08 2013
 Charted by: Depth in Feet scaled 1:240

DGA	Gamma Ray	1	SW	0	0.3	PHIE	0	0	VCL	1
(g/cc)	(GAPI)	150	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
2.6 3.1	DCAL (in)	16	SXO	0	0.3	BVWSXO	0			
	SPC (mV)	0								

