



Computer Processed
Interpretation

Pioneer Energy Services

Company BENNETT & SCHULTE OIL CO.
Well KUHLMAN #14-1
Field N/A
County BARTON
State KANSAS

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Location: API #: 15-009-26167-00-00

Other Services

1056' FSL & 2193' FEL
SEC 14 TWP 18S RGE 15W

RAG/MEL

Permanent Datum GROUND LEVEL Elevation 1926'
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1932'
D.F. N/A
G.L. 1926'

Date Recorded 4/15/2017

Depth Logger 3600'

Curve Definitions

SW Water Saturation

SXO Water Saturation In The Flushed Zone

VCL Volume Of Clay

PHIE Density - Neutron Crossplot Shale Corrected

BVW Bulk Volume Water

BVWSXO 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< 40 & DCAL< 10

Recorded By D. SCHMIDT

Witnessed By BOB HOPKINS

Analysis By DAN SCHMIDT

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

OLMITZ,
2 1/2 SOUTH, 1/2 WEST,
NORTH INTO

Log Measured From: KELLY BUSHING 6 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

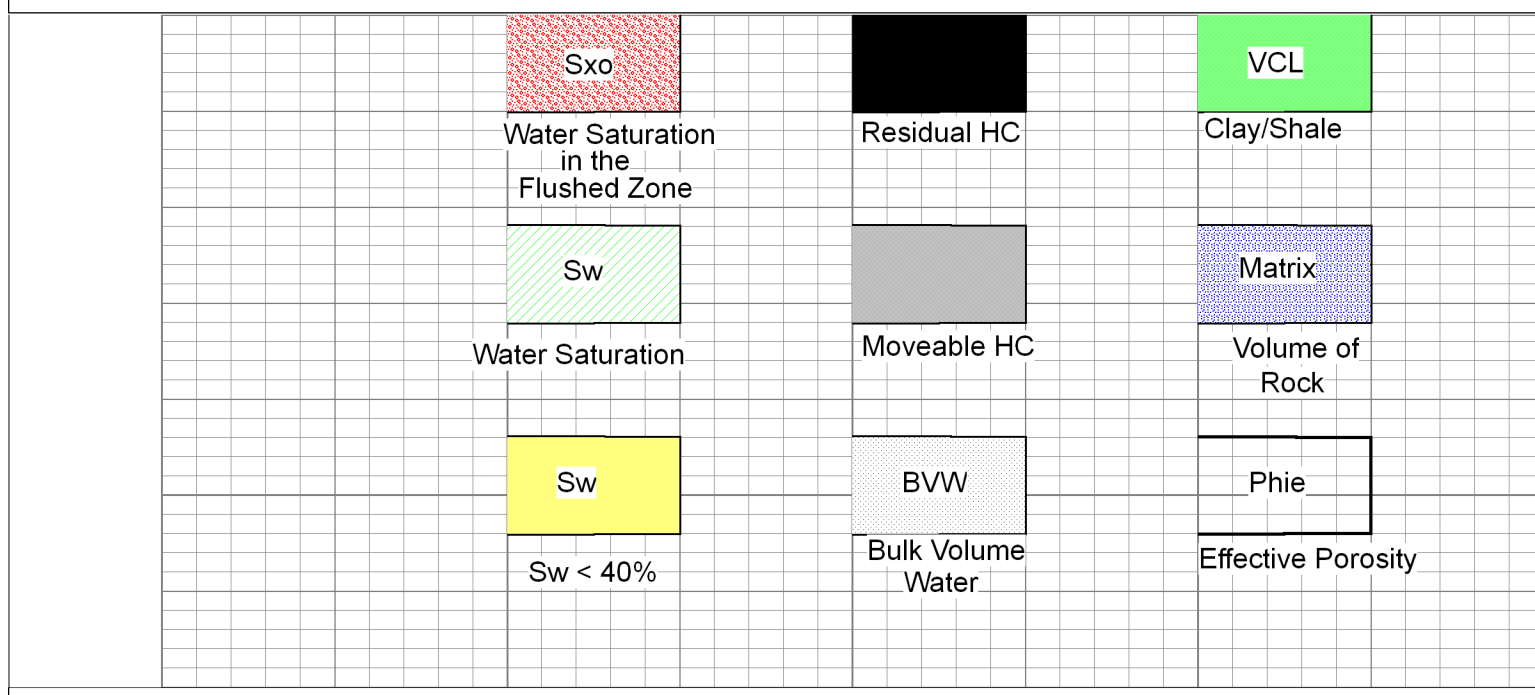
Your Pioneer Energy Services Crew

Engineer: D. SCHMIDT
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: BOB HOPKINS
Secondary Witness:
Secondary Witness:
Secondary Witness:

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

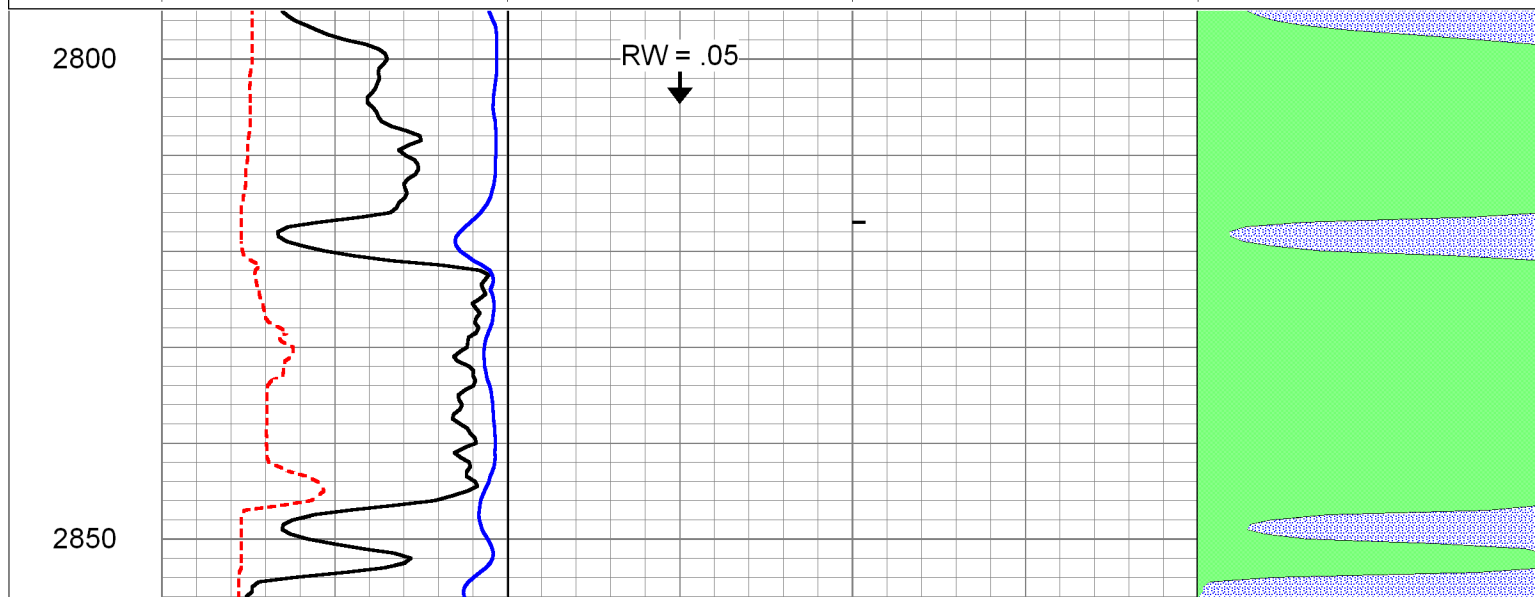


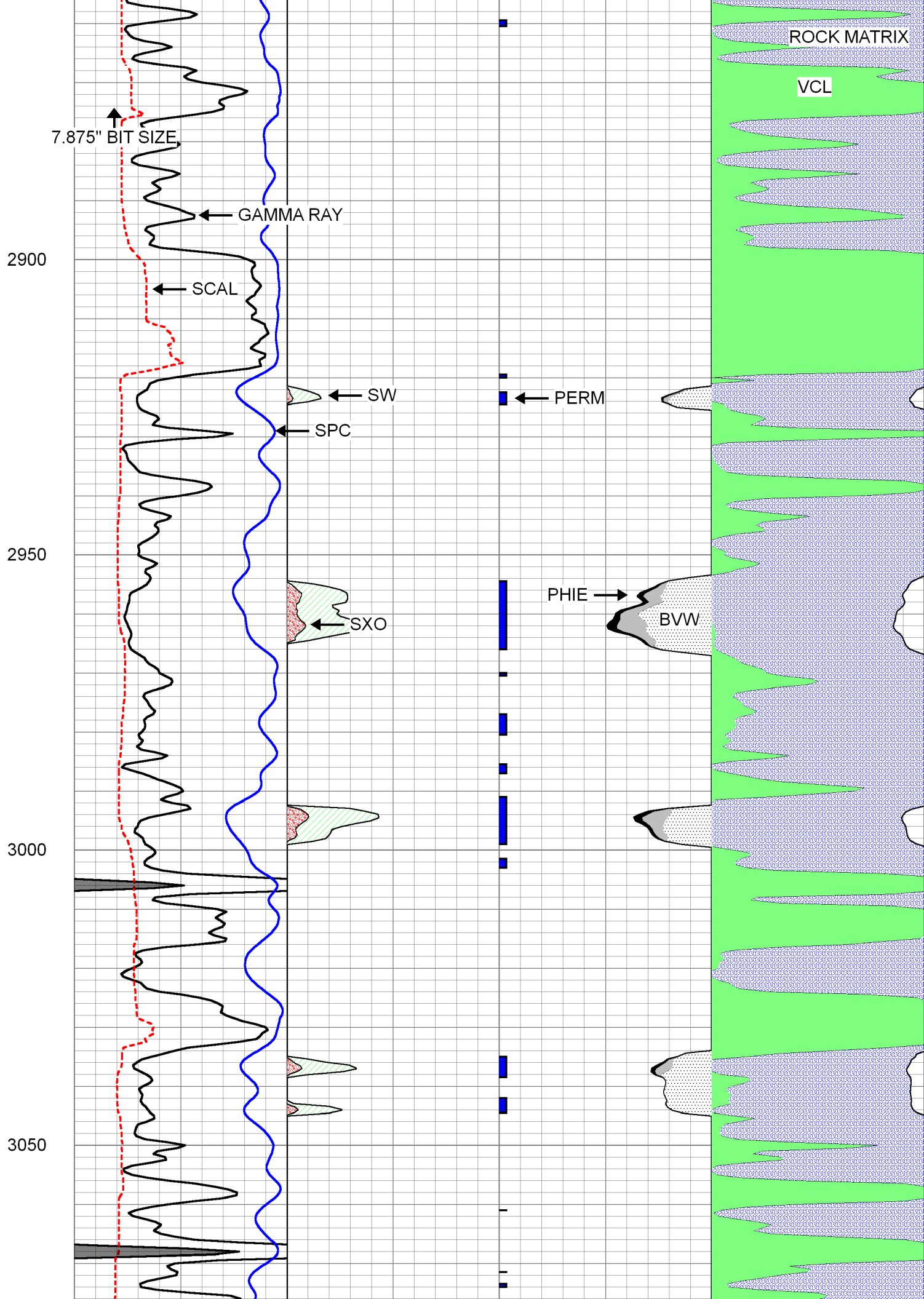


CPI

Database File bennet schulte_kuhlman_14-1hd.db
Dataset Pathname CPI/bscpi
Presentation Format ragcalc
Dataset Creation Mon Apr 24 14:32:40 2017
Charted by Depth in Feet scaled 1:240

Gamma Ray	1	SW	0	0.3	PHIE	0	0	VCL	1
0 (GAPI) 150	30	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
6 SCAL (in) 16	1	SXO	0	0	PERM	30			
-150 SPC 0				0.3	BVWSXO	0			



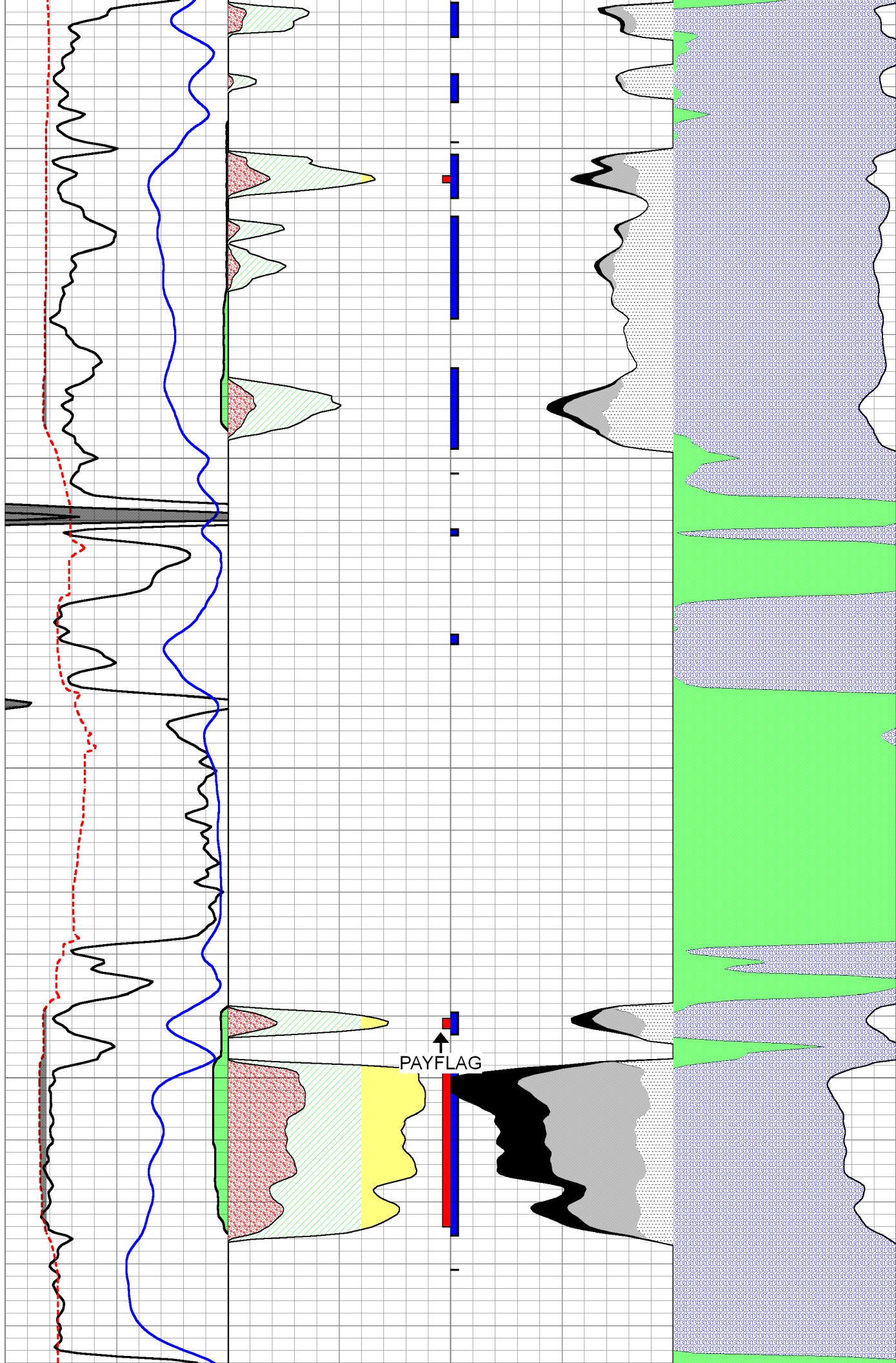


3100

3150

3200

3250



3300

3350

3400

3450

3500

7.875" BIT SIZE

SCAL

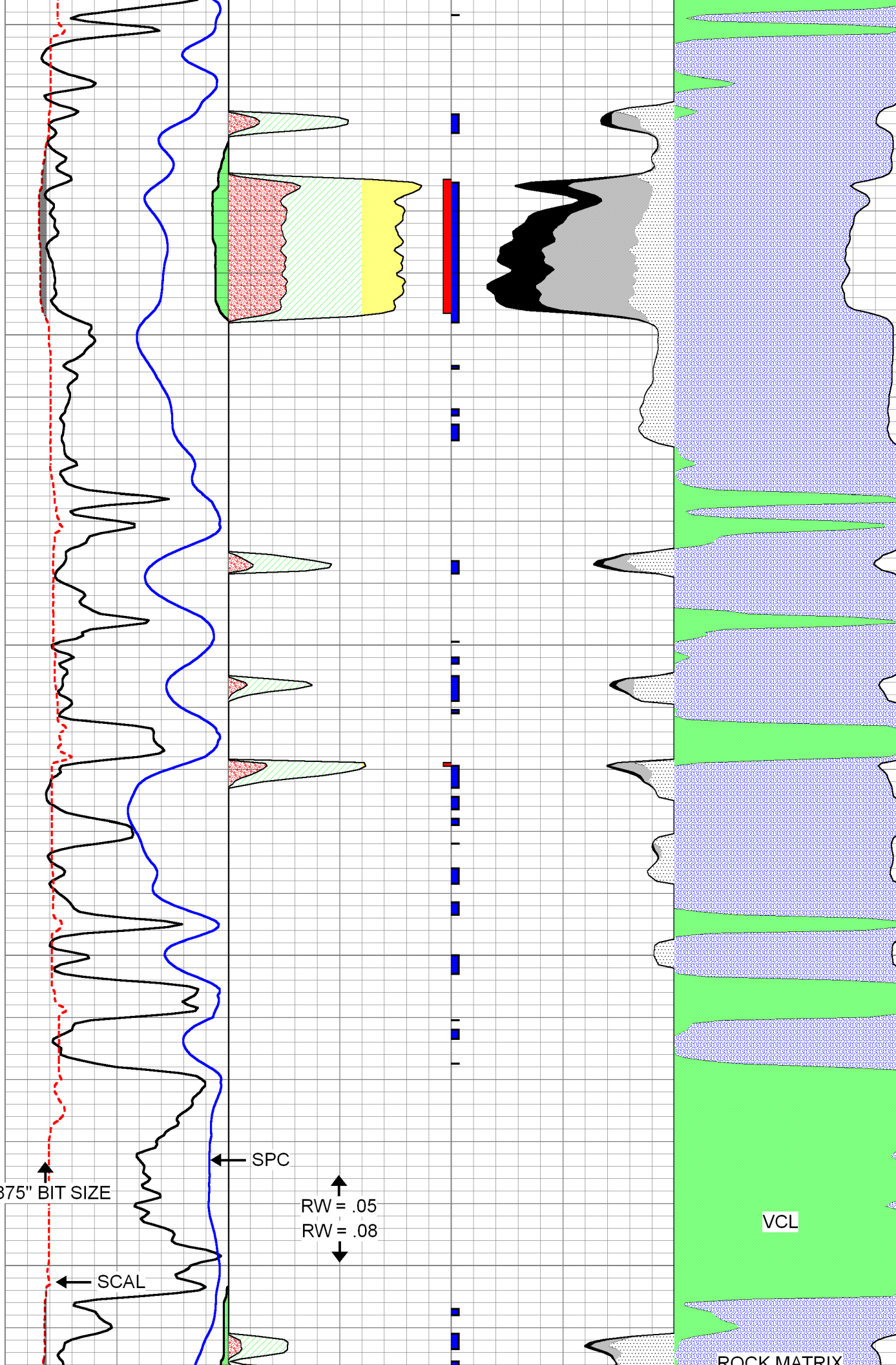
SPC

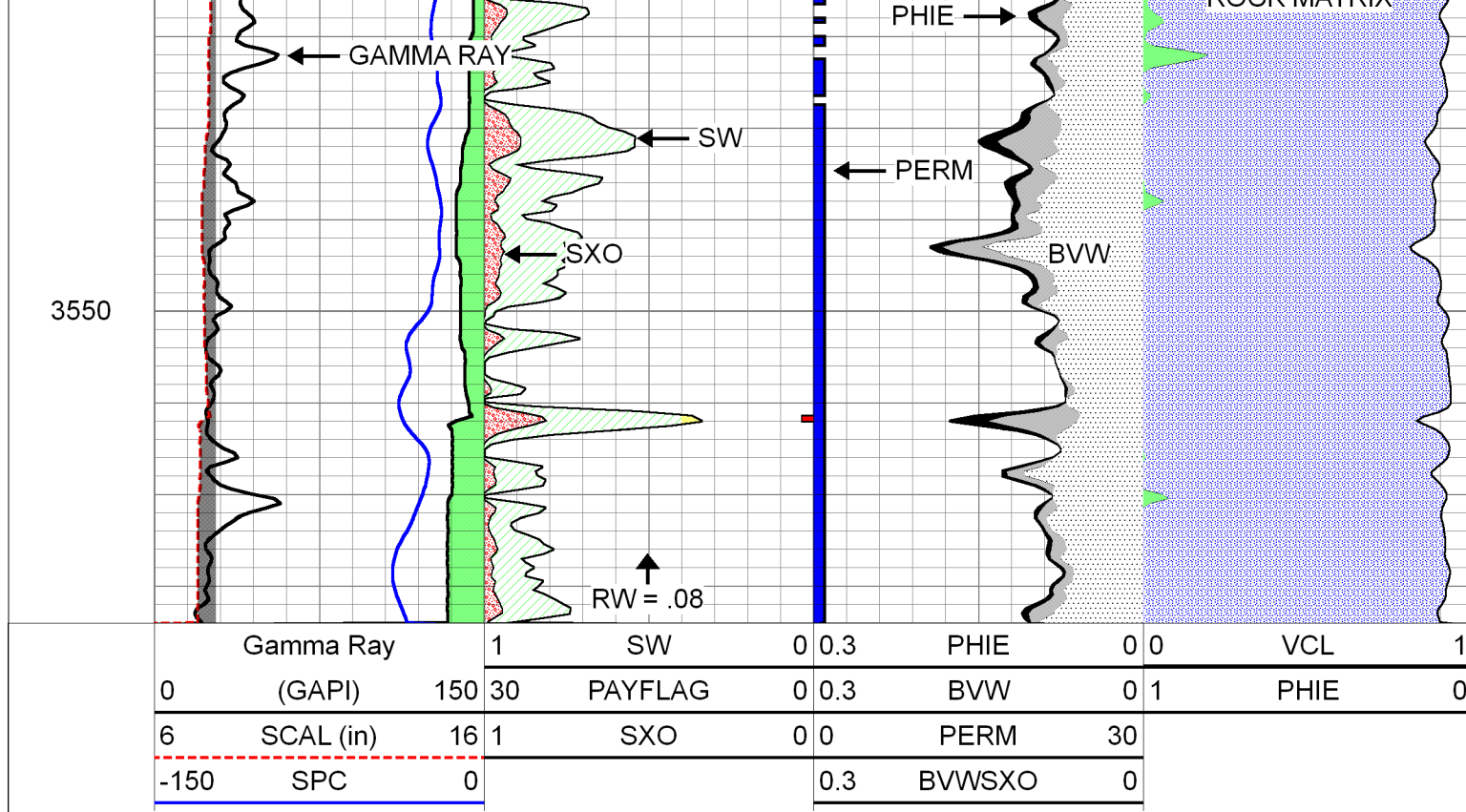
RW = .05

RW = .08

VCL

ROCK MATRIX





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	State	KANSAS