



Pioneer Energy Services

Computer Processed Interpretation

API No.	Company Trans Pacific Oil Corporation						
	Well Sunley Unit A #1-28						
	Field Kraus						
	County	Ellis	State	Kansas			
15-051-26754-00-00	Location	1250' FNL & 2800' FEL				Other Services DIL/CNL/CDL MEL	
	Sec: 28	Twp: 14S	Rge: 19W	Elevation			
	Permanent Datum	Ground Level	Elevation 2176		K.B. 2181		
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum				D.F. 2176
Drilling Measured From	Kelly Bushing	G.L. 2176					
Date Recorded	11/24/2014						
Depth Logger	3787						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						
BWWSXO	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. Schmidt						
Witnessed By	Brad Rine						
Analysis By	Dale Legleiter						

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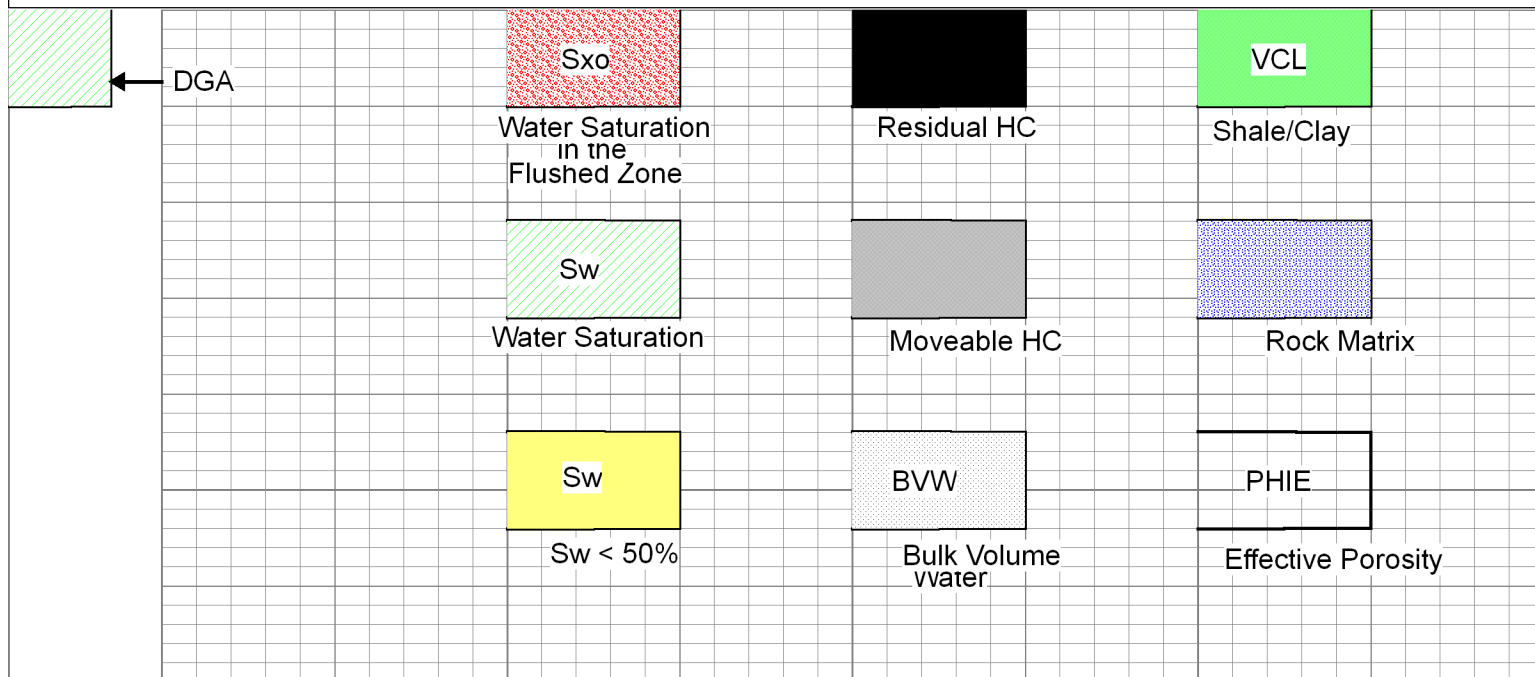
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

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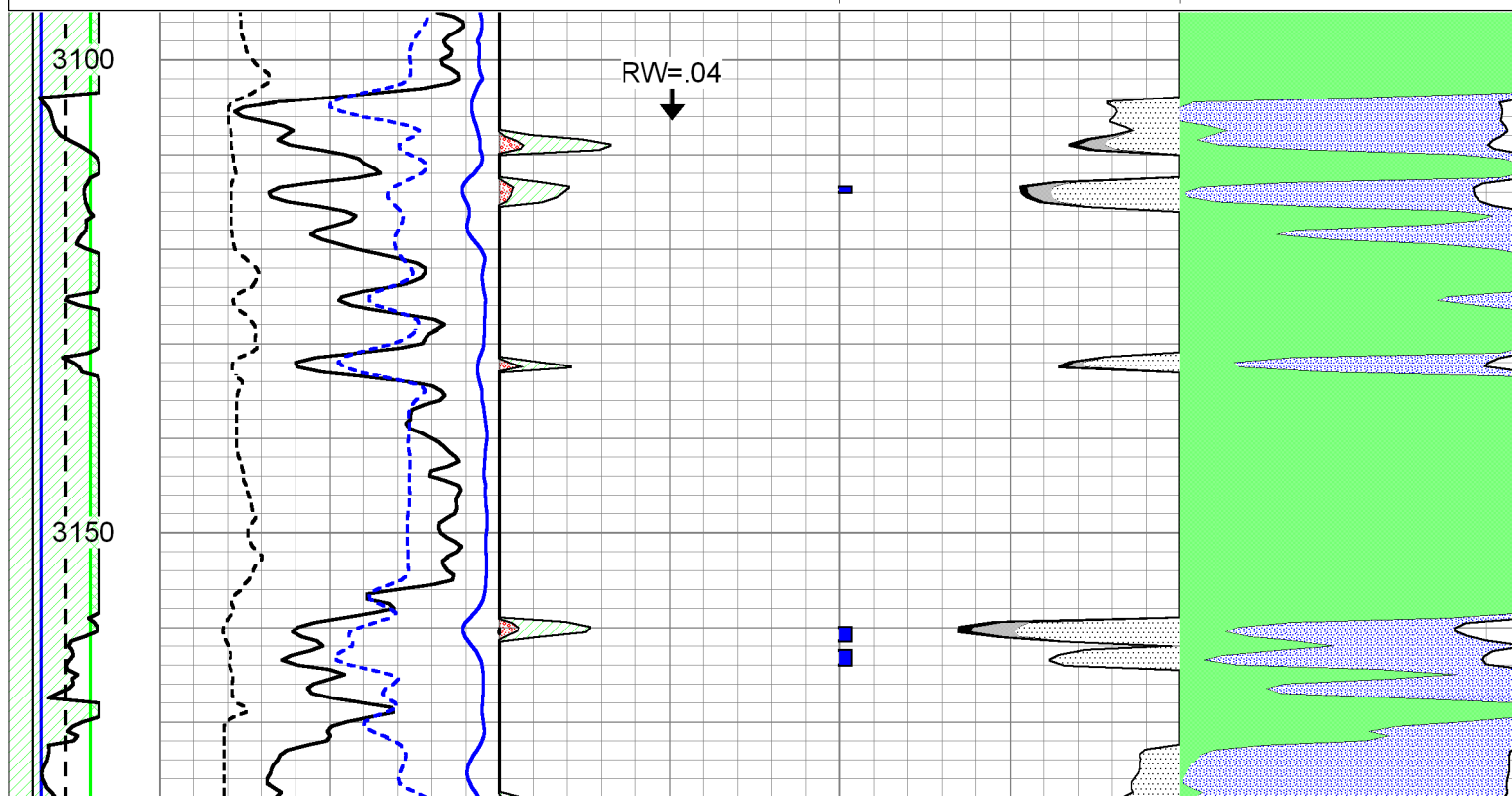
Hays,
South on 240th to Mt. Pleasant Rd,
5 West to Yocemento Rd, 1 South, 1/2 West,
South into

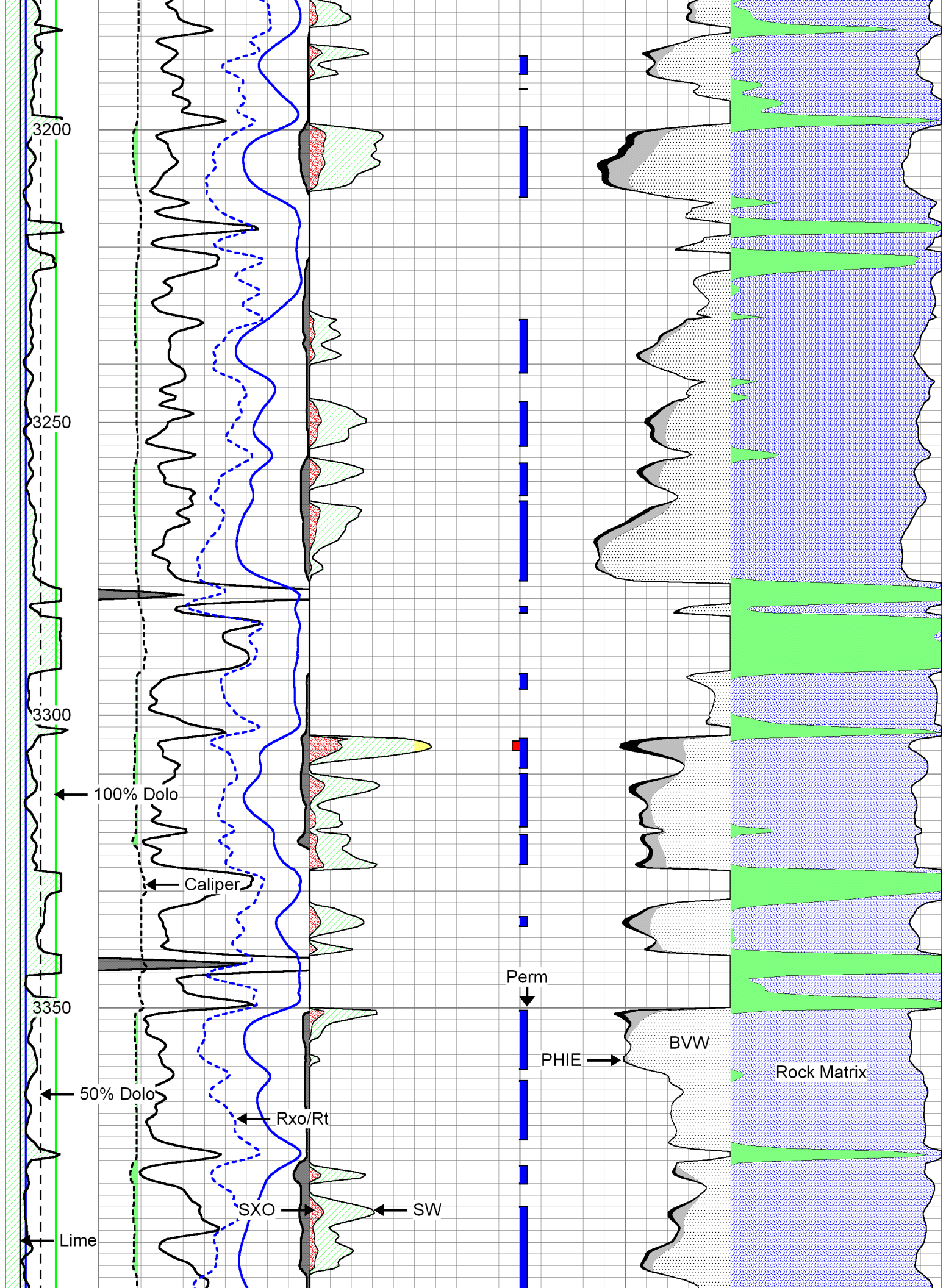
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Dataset Pathname: litho
Presentation Format: 2wxplt
Dataset Creation: Thu Apr 24 14:32:02 1997

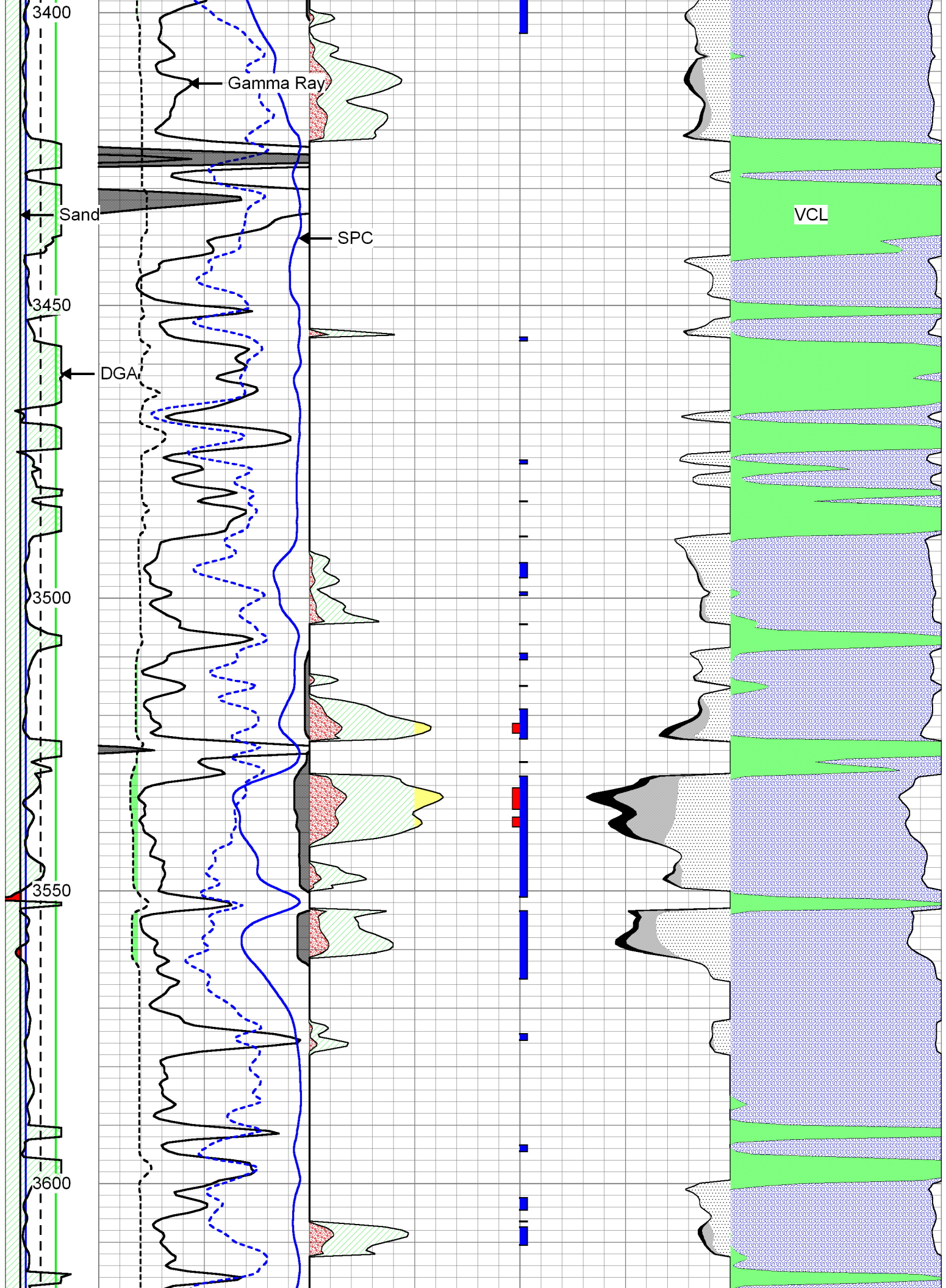


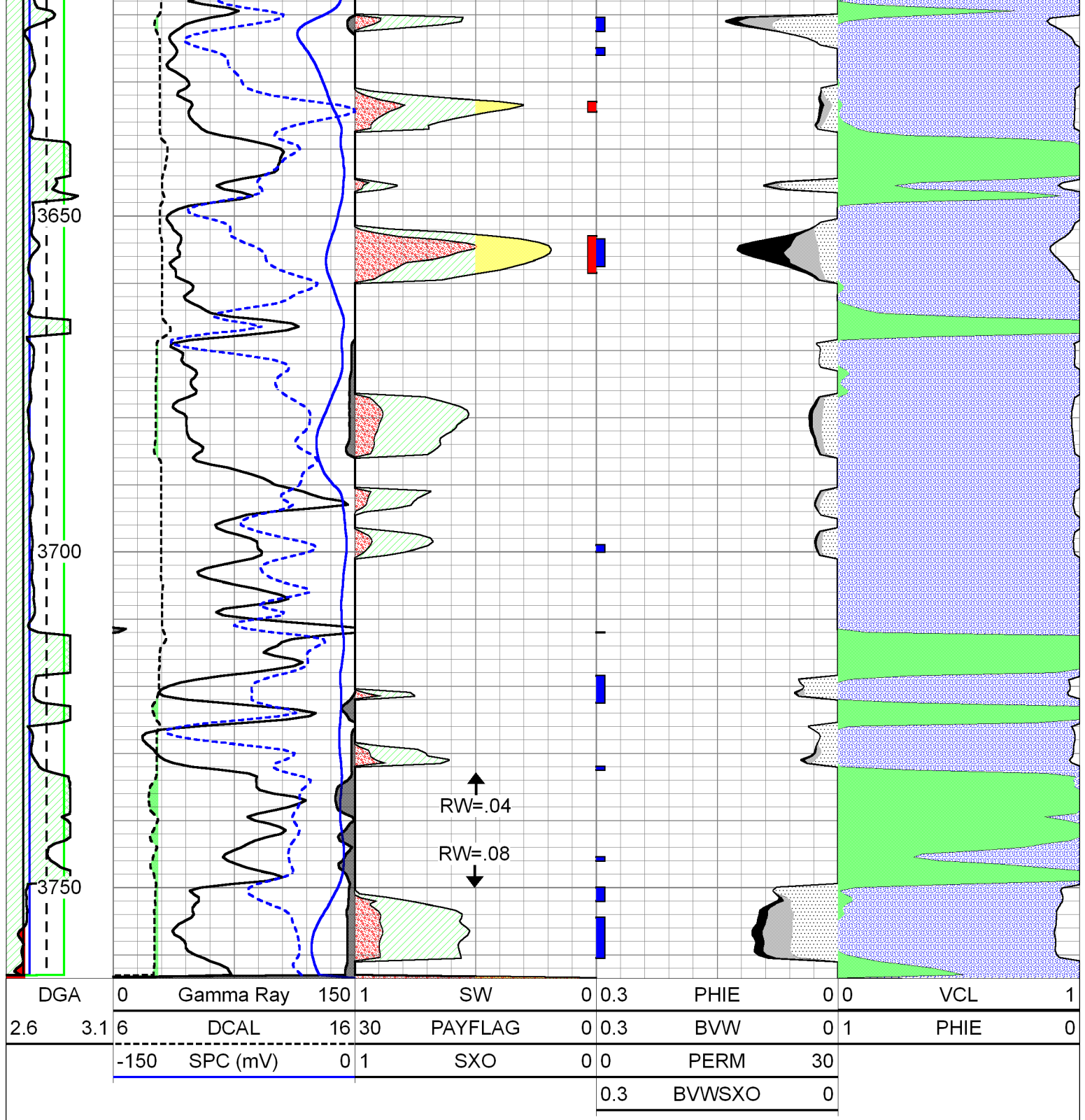
Database File: c:\warrior\data\trans pacific_sunley unit a #1-28\transpac_sunley unit_a_1-28hd.db
Dataset Pathname: cpi/tpcpi
Presentation Format: calc
Dataset Creation: Tue Nov 25 11:20:34 2014
Charted by: Depth in Feet scaled 1:240

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	PERM	30			
								0.3	BVWSXO	0			









RW=.04

RW=.08