The Perforators LLC

# COMPUTER GENERATED INTERPRETATION

| | |
|---|---|
| Company | Production Drilling |
| Well | Crissman # 4 |
| Field | Ubert |
| County | Ellis |
| State | Kansas |

Company Production Drilling
Well Crissman # 4
Field Ubert
County Ellis State Kansas
Location: API # : 15-51-26203
493' FSL & 343' FWL
SEC 1 TWP 13S RGE 18W
Permanent Datum Ground Level Elevation 2109'
Log Measured From KB 8' AGL
Drilling Measured From KB

Other Services
DIL
CDNL

Elevation
K.B. 2117'
D.F. 2116'
G.L. 2109'

| | |
|---|---|
| Date | 10-26-11 |
| Depth Driller | 3695' |
| | Curve Definitions |
| SW | Water Saturation |
| Rwa | Apparent Water Resistivity |
| VSH | Shale Volume |
| PHIE | Effective Porosity |
| K | Permeability |
| BVW | Bulk Volume Water |
| Pay | If: PHIE>6%, VSH<50%, SW<50%, DCAL<10" |
| Recorded By | L. Smith |
| Witnessed By | Mr. Marty Patterson, Mr. Cliff Ottaway |

<<< Fold Here >>>



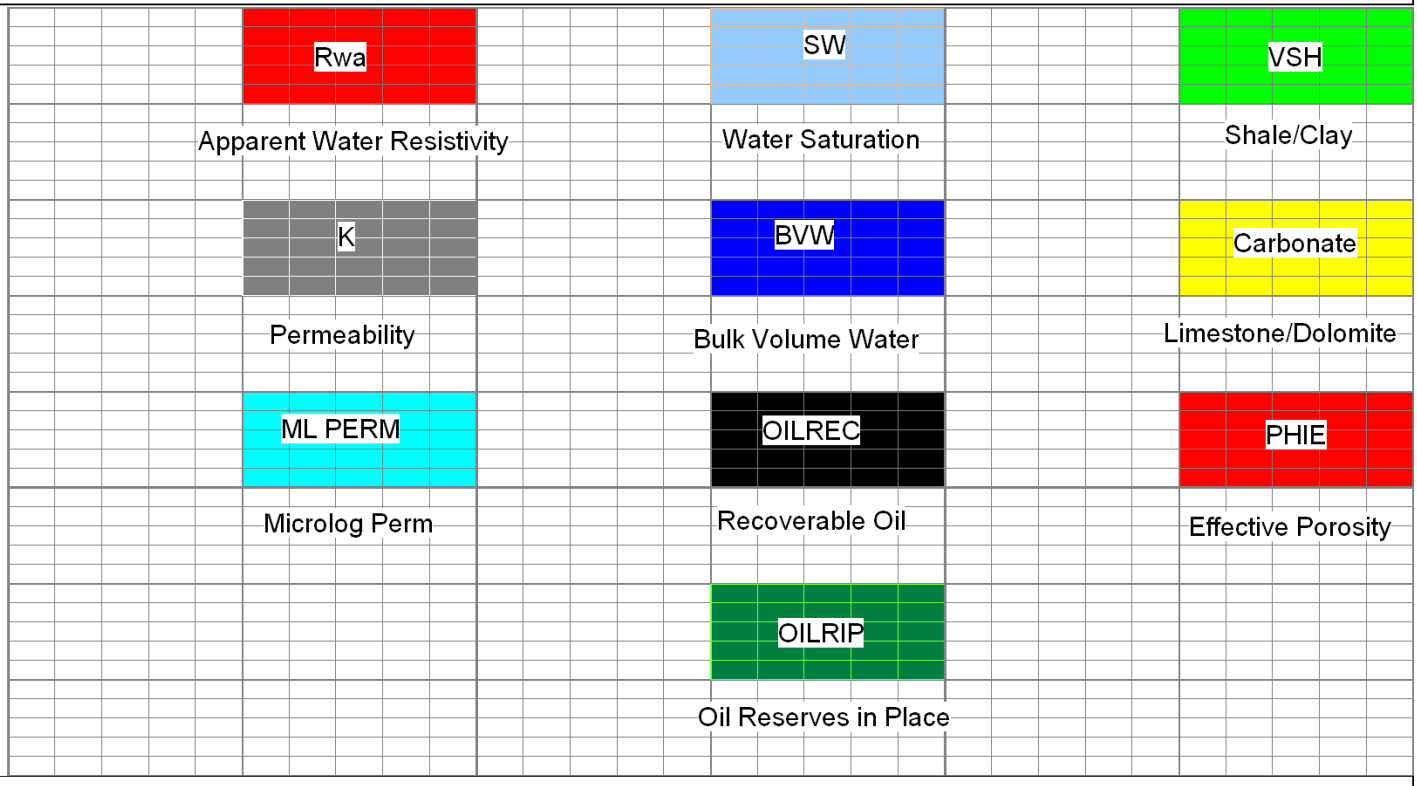
Comments

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

The Perforators LLC

# Main Pass

| | |
|---|---|
| Database File: | gcicolorchart.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: | pdicrissman#4oh.db |
| Dataset Pathname: | oh2 |
| Presentation Format: | kohcgi |
| Dataset Creation: | Thu Oct 27 14:04:38 2011 |
| Charted by: | Depth in Feet scaled 1:240 |

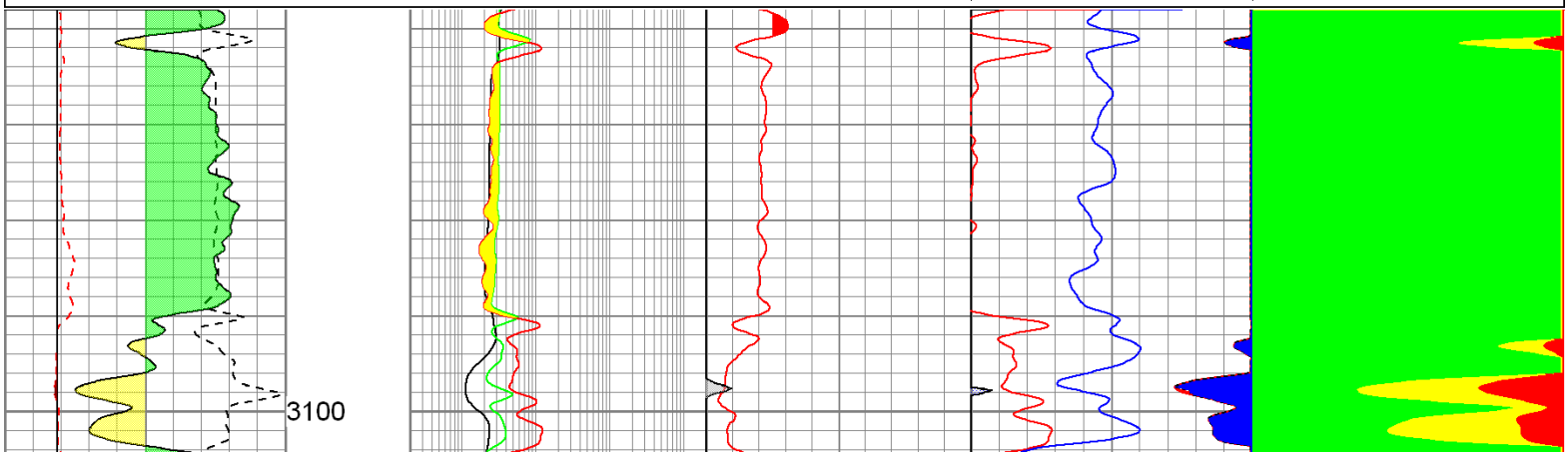
| | | |
|---|---|---|
| 0 | GR (GAPI) | 150 |
| 6 | DCAL (in) | 16 |
| 6 | BOREID (in) | 16 |
| 140 | Rxo\Rt | -60 |

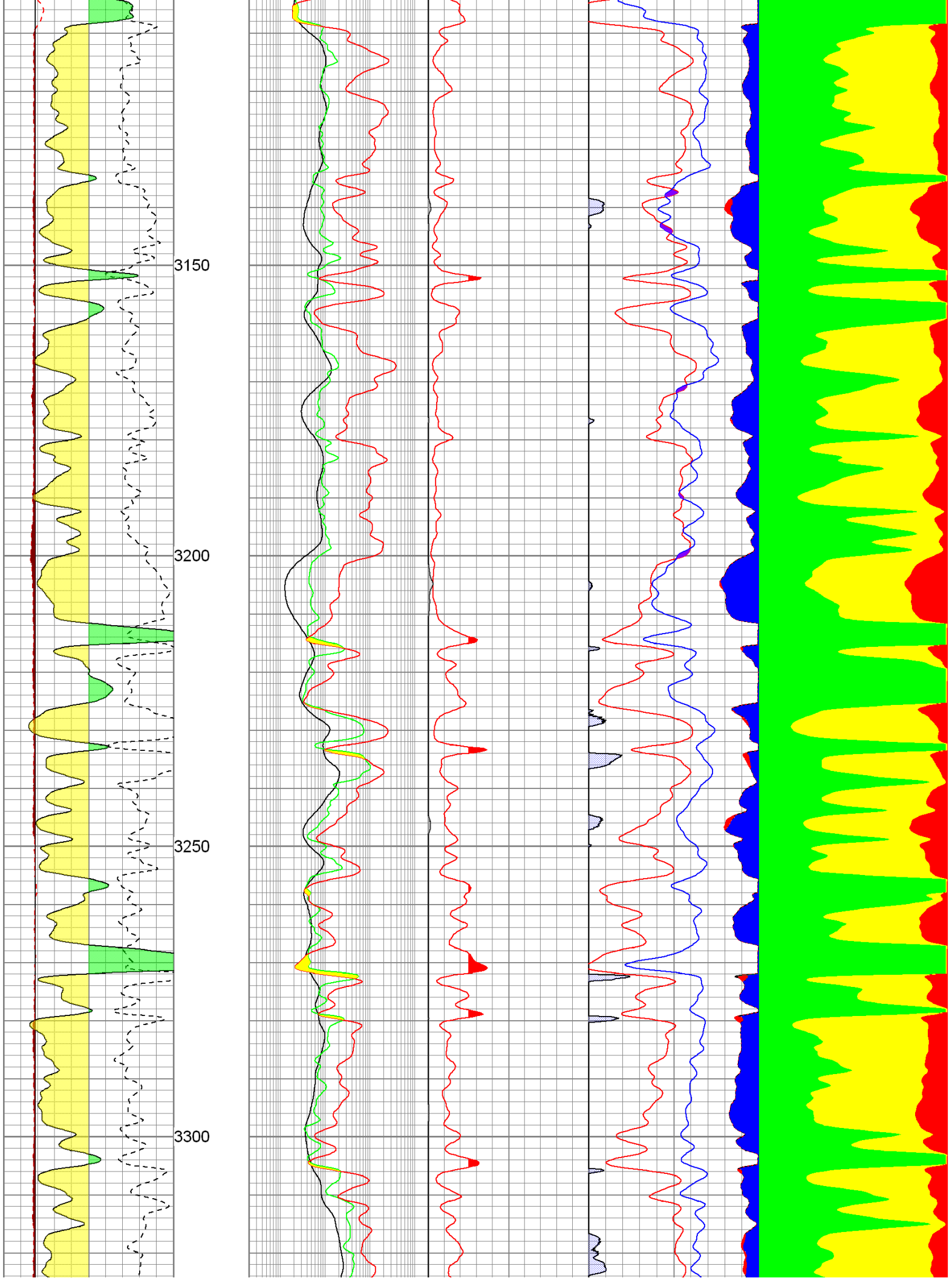
| | | |
|---|---|---|
| | RILD | |
| 0.2 | (Ohm-m) | 2000 |
| | RLL3 | |
| 0.2 | (Ohm-m) | 2000 |
| 0 | NEU (NAPI) | 700 |

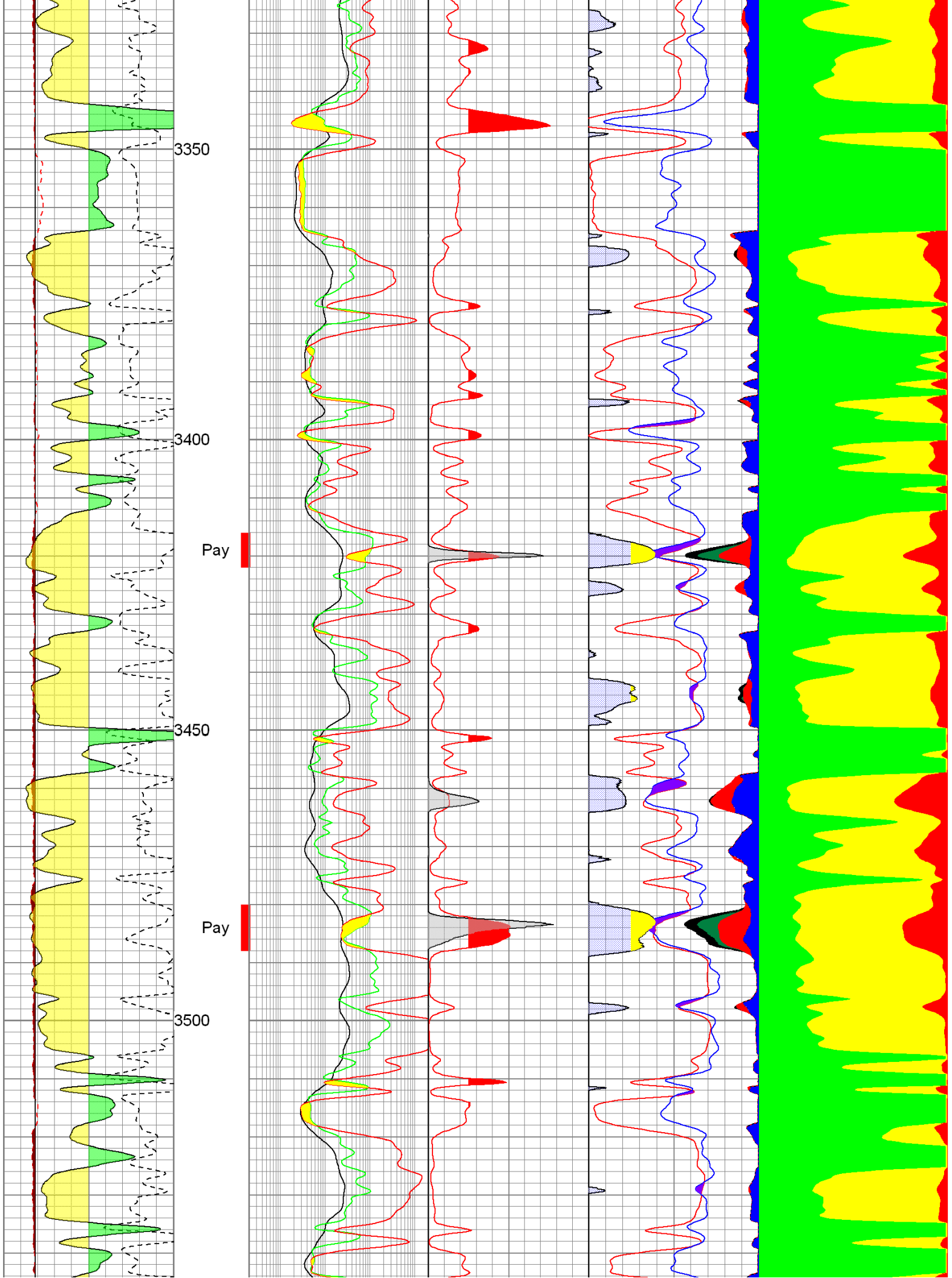
| | | |
|---|---|---|
| 0 | Rwa (Ohm-m) | 1 |
| 0 | K | 5 |

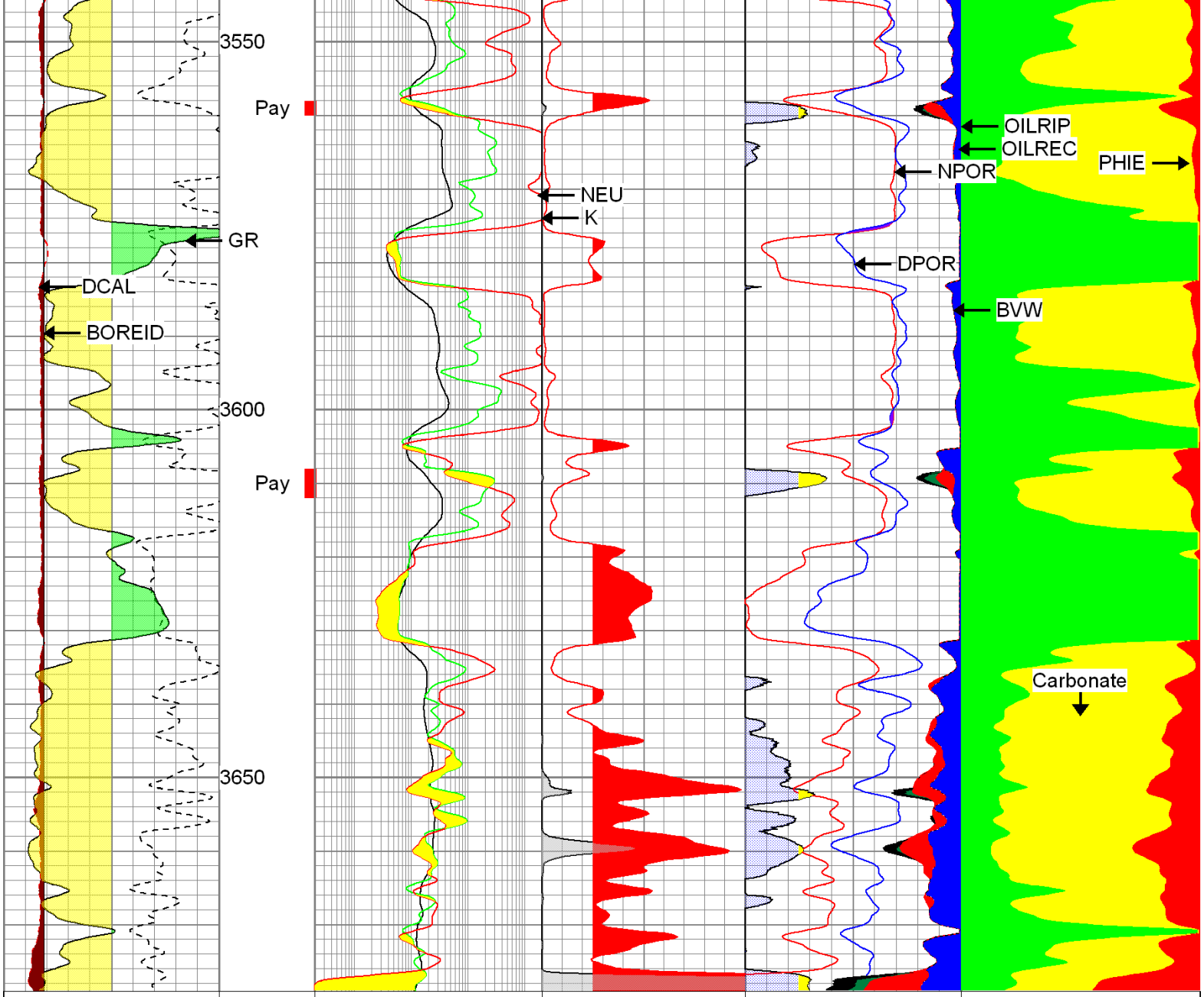
| | | |
|---|---|---|
| 100 | SW (%) | -100 |
| 50 | PHIE (%) | 0 |
| 50 | BVW (%) | 0 |
| 30 | NPOR (pu) | -10 |
| 30 | DPOR (pu) | -10 |
| 2000 | OILREC (bbl) | 0 |
| 8000 | OILRIP (bbl) | 0 |

| | | |
|---|---|---|
| 0 | VSH (%) | 100 |
| 50 | PHIE (%) | 0 |




3150
3200
3250
3300


3350
3400
Pay
3450
Pay
3500




| | | |
|---|---|---|
| 0 | GR (GAPI) | 150 |
| 6 | DCAL (in) | 16 |
| 6 | BOREID (in) | 16 |
| 140 | Rxo\Rt | -60 |

| | | |
|---|---|---|
| | RILD | |
| 0.2 | (Ohm-m) | 2000 |
| | RLL3 | |
| 0.2 | (Ohm-m) | 2000 |
| 0 | NEU (NAPI) | 700 |

| | | |
|---|---|---|
| 0 | Rwa (Ohm-m) | 1 |
| 0 | K | 5 |

| | | |
|---|---|---|
| 100 | SW (%) | -100 |
| 50 | PHIE (%) | 0 |
| 50 | BVW (%) | 0 |
| 30 | NPOR (pu) | -10 |
| 30 | DPOR (pu) | -10 |
| 2000 | OILREC (bbl) | 0 |
| 8000 | OILRIP (bbl) | 0 |

| | | |
|---|---|---|
| 0 | VSH (%) | 100 |
| 50 | PHIE (%) | 0 |