Schlumberger

Company: Chevron U.S.A., Inc.
Well Name: JIP II GC 955H
Field: Green Canyon 955
Rig Helix Q4000 STATE: Louisiana
Country: US

SLB EcoView. Solutions Plot.

Location Description: API Well Number: 608114053700
X= 2478317.00 ft Latitude 27.000575
Y= 9806204.00 ft Longitude -90.079197
NAD27 15N, ft

Elevations: Permanent Datum Elev: 0.0 ft Kelly Bushing: 0.0 ft
Permanent Datum: Mean Sea Level Drilling Floor: 51.0 ft
Depth Reference: Driller'sDepth Ground/Sea Floor: -6670.0 ft
Log Measured From: Drill Floor Height Above Datum: 51.0 ft

Processing Date: May 21 11:26
Acquisition Date: Apr 26 2009
Spud Date:
Total Depth: 8655.2 ft
Top Processed Interval: 6380.0 ft
Bottom Processed Interval: 8618.0 ft
Total Depth TVD: ft
Maximun Well Inclination: 0.980 deg
Maximum Well Temperature: 48 degF
Acquisition Software: Maxwell 1.1
Data File Name: Well#_GC955_H_arenite_Ecoview_FINAL2.dlis
Recorded By: A. Brenson
Processed By: A. Peternell

Bit Size: 8.500 in
from: 8655.0 ft to: ft
Casing Size: in Weight: lbm/ft
from: ft to: ft
Casing Bottom Schlumberger: ft

Type Fluid in Hole: Sea Water / WBM
Dens: 10.50 lbm/gal Vis: s
pH: Fluid Loss: in3
Sample Source:
Rm: 0.270 Ohm.m @ 57 degF
Rmf: 0.177 Ohm.m @ 57 degF
Rmc: Ohm.m @ degF
Borehole Salinity: 29.441 ppk

All interpretations using EcoView , and all recommendations or reservoir descriptions based upon such interpretations, are opinions based on inferences from measurements and empirical relationships and on assumptions, which inferences and assumptions are not infallible, and with respect to which competent specialists may differ. In addition, such interpretations, recommendations and reservoir descriptions may involve the opinion and judgement of Customer. Customer has full responsibility for all interpretations, recommendations and reservoir descriptions utilizing EcoView.

Schlumberger does not warrant the accuracy, correctness or completeness of any interpretation, recommendation or reservoir description.

Algorithm Options

Resistivity	Density	Neutron	Hole Size	FSAL	Water Saturation	Matrix Sigma
Blended	Image Derived	Average	Best Caliper	FSAL Parameter	Waxman Smits Equation	From Elements

Formation Zone Parameters

No.	Zone Name	Depth		Formation Properties						
		Top (ft)	Bottom (ft)	Water Salinity (ppk)	CEC (meq/g)	Hydrocarbon Viscosity (cP)	Hydrocarbon Sigma (cu)	Sigma Clay (cu)	Temperature at Top (g/cm3)	Temperature at Bottom (ft3/ft3)
1	FZone_1	6823.5	8568.0	38.000	0.300	0.500	12.000	30.000	1.900	0.450

Reservoir Zone Parameters

No.	Zone Name	Depth		Cutoffs			
		Top (ft)	Bottom (ft)	Max V_Clay (ft3/ft3)	Min Porosity (ft3/ft3)	Min Permeability (mD)	Max Sw (ft3/ft3)
1	RZone_1	6823.5	8568.0	0.350	0.300	50.000	0.500

Reservoir Summation

No	Zone Name	Depth		Reservoir			Pay			
		Top (ft)	Bottom (ft)	Net Thickness (ft)	Average Porosity (ft3/ft3)	Average Perm (mD)	Net Thickness (ft)	Average Porosity (ft3/ft3)	Average Perm (mD)	Average Sw (ft3/ft3)
1	RZone_1	6823.5	8568.0	360.000	0.428	1149.705	57.000	0.442	2016.655	0.394

Description: EcoView Driller's Display Format: EcoView_DrillerDisplay.xml Index Scale: 1:240 Index Unit: ft Index Type: Measured Depth Creation Date: 21-May-2009 12:18:30

F | R | Net Reservoir | Net Pay

GR and Calipers

Sigma Formation, Average (SIFA)
0 cu 50

Gamma Ray, Average (GRMA)
0 gAPI 150

Rate of penetration averaged over last 5 ft(1.5 m), Recorded Mode (ROP5_RM)
500 ft/h 0

Bit Size (BS)
8 in 18

Ultrasonic Caliper Average (UCAV)
8 in 18

Density Caliper, Average (DCAV)
8 in 18

Depth

Mineralogy

Gamma Ray, Average (GRMA)
0 gAPI 200

Density image
Absent 8.000 17.000 26.000 35.000
Explicit Normalization
ECO - ROSI
Absent 8.000 17.000 26.000 35.000
Explicit Normalization
ECO - ROSI_DYN

Resistivity

Resistivity of Water Filled Formation (R0)
0.1 100
ohm.m

ARC Blended Phase Shift Resistivity 34 inch (P34B) (RT)
0.1 100
ohm.m

Porosity

Hydrocarbon

Matrix Adjusted Neutron Porosity (BPHI_MATR)
0.6 ft3/ft3 0

Matrix Adjusted Density Porosity (DPHI_MATR)
0.6 ft3/ft3 0

Total Porosity (PHIT)
0.6 ft3/ft3 0

Clay
Q-F-M
Calcite
Dolomite
Pyrite
Anhydrite
Siderite
Coal
Salt

Hydrocarbon
Water

Intrinsic Permeability (KINT)
100000 1
mD

Water Cut (WCUT_DISPLAY)
1 0

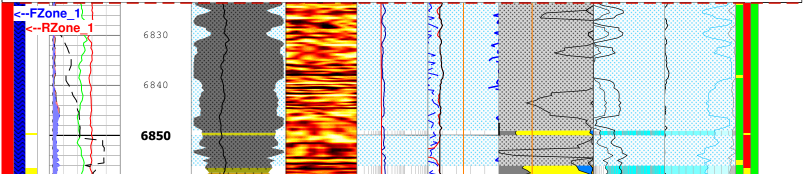
Clay Bound Water
Capillary Bound Water
Hydrocarbon
Free Water

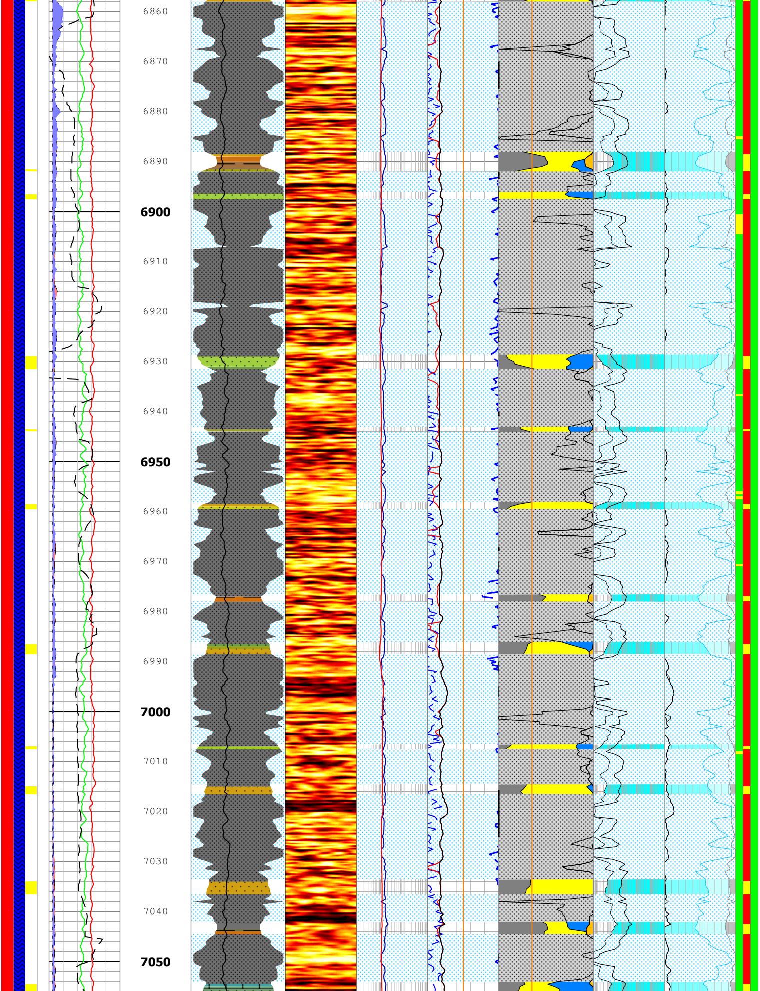
Total Porosity (PHIT)
0.5 ft3/ft3 0

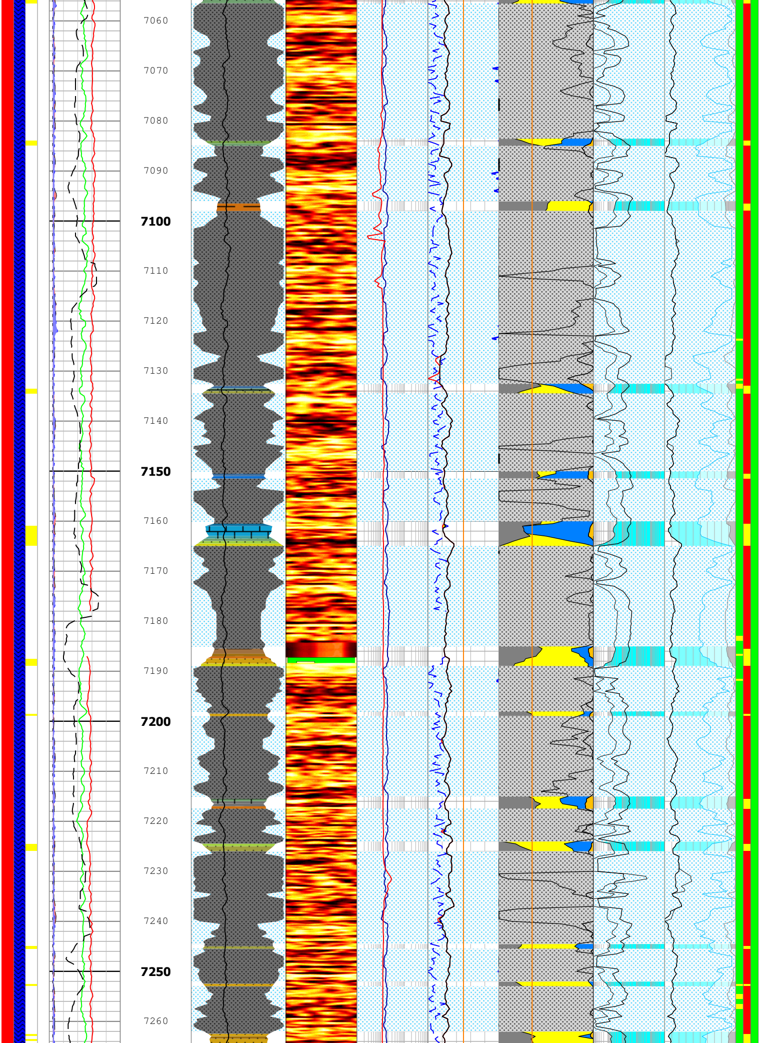
G | L | D

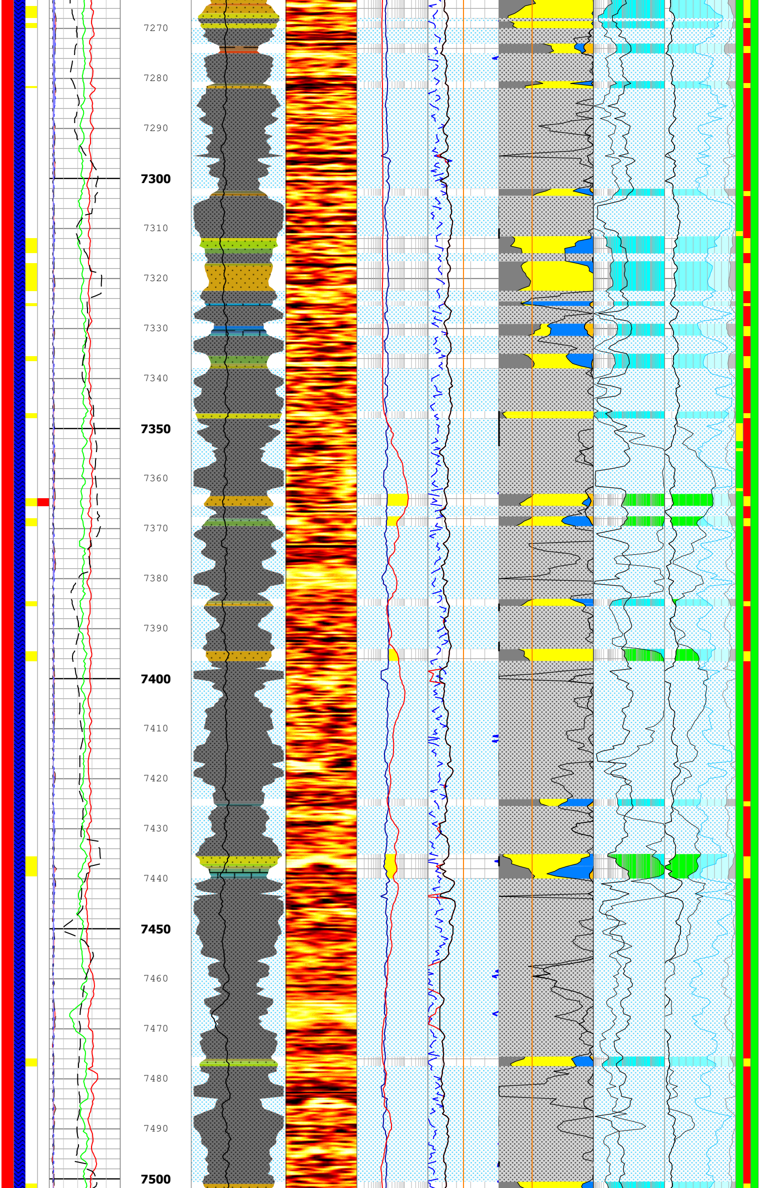
*** Quality Flag Descriptions for EcoView Computations ***

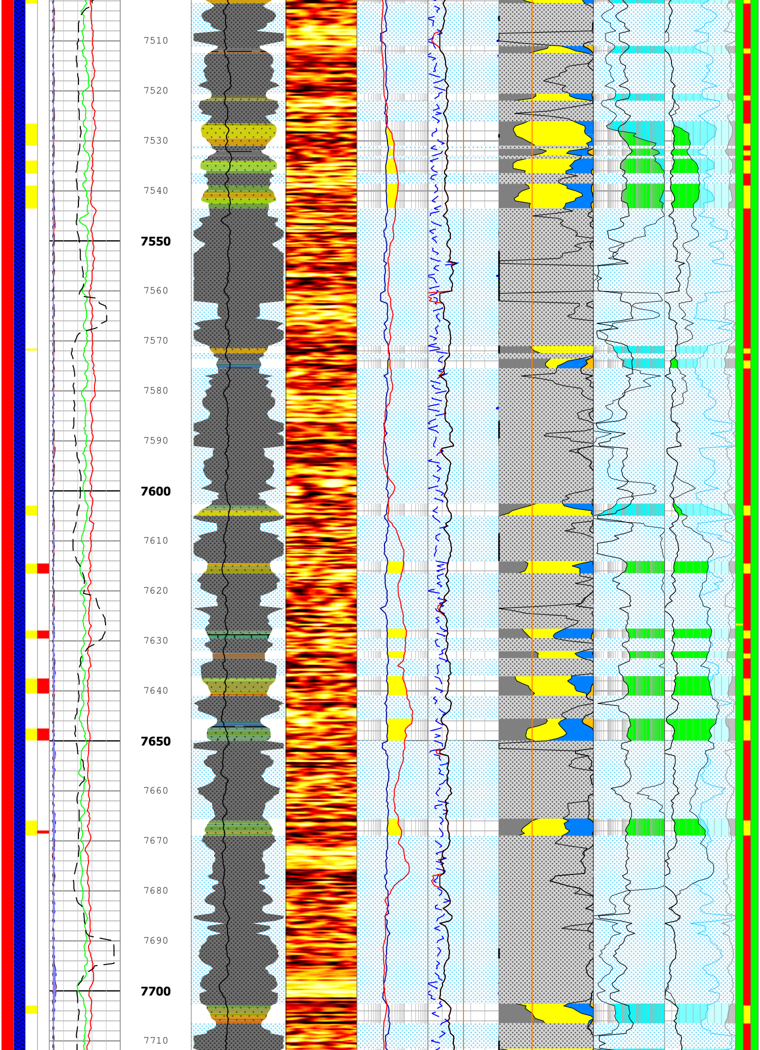
White = Absent; Green = Reliable; Yellow = Warning; Gray/Red = Data outside of EcoView tolerance specifications.
LQC Tracks: G: Gamma Ray U: Ultrasonic Caliper L: Spectroscopy D: Density

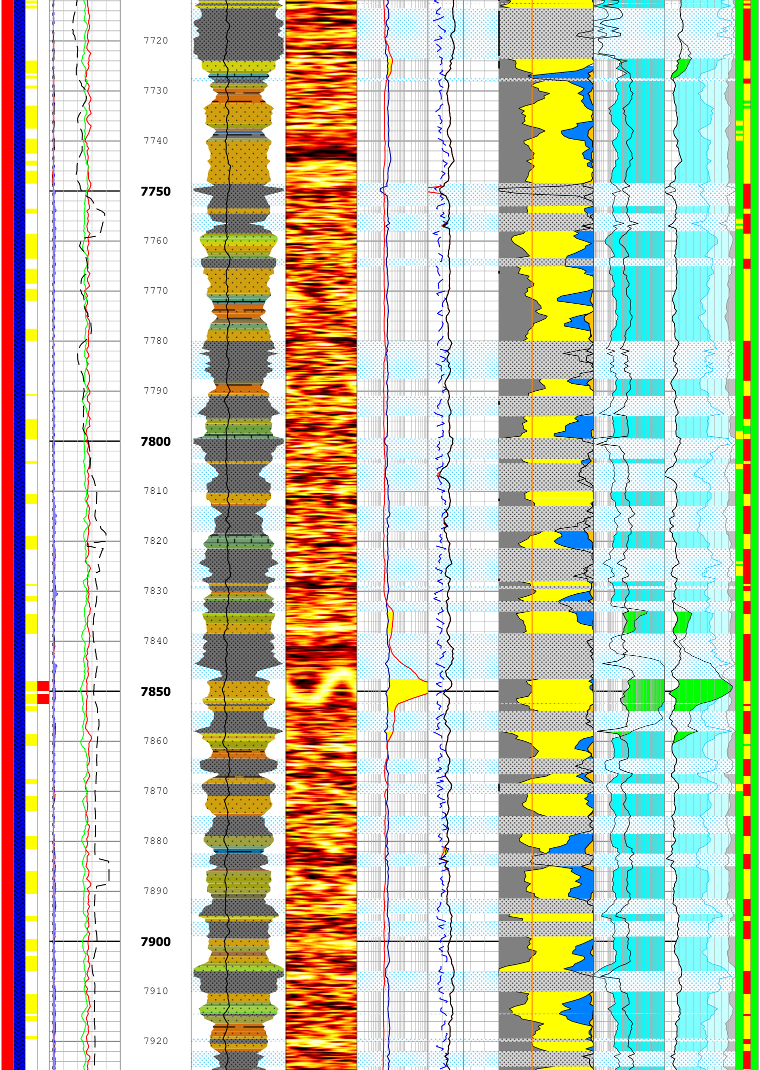


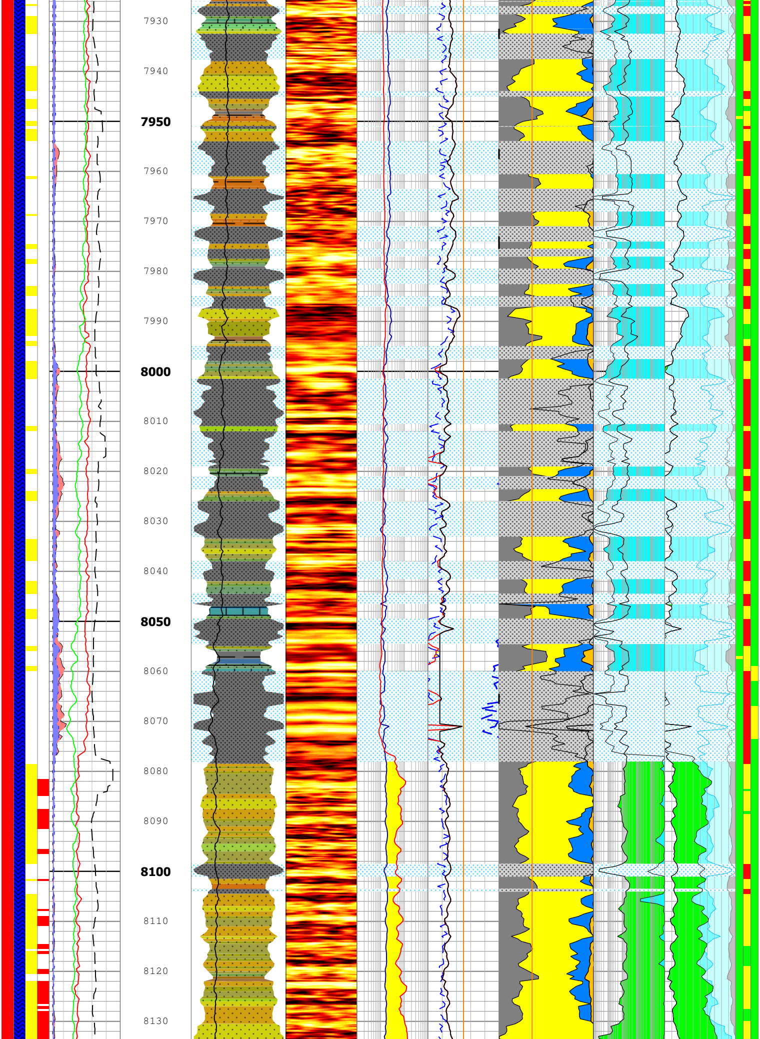


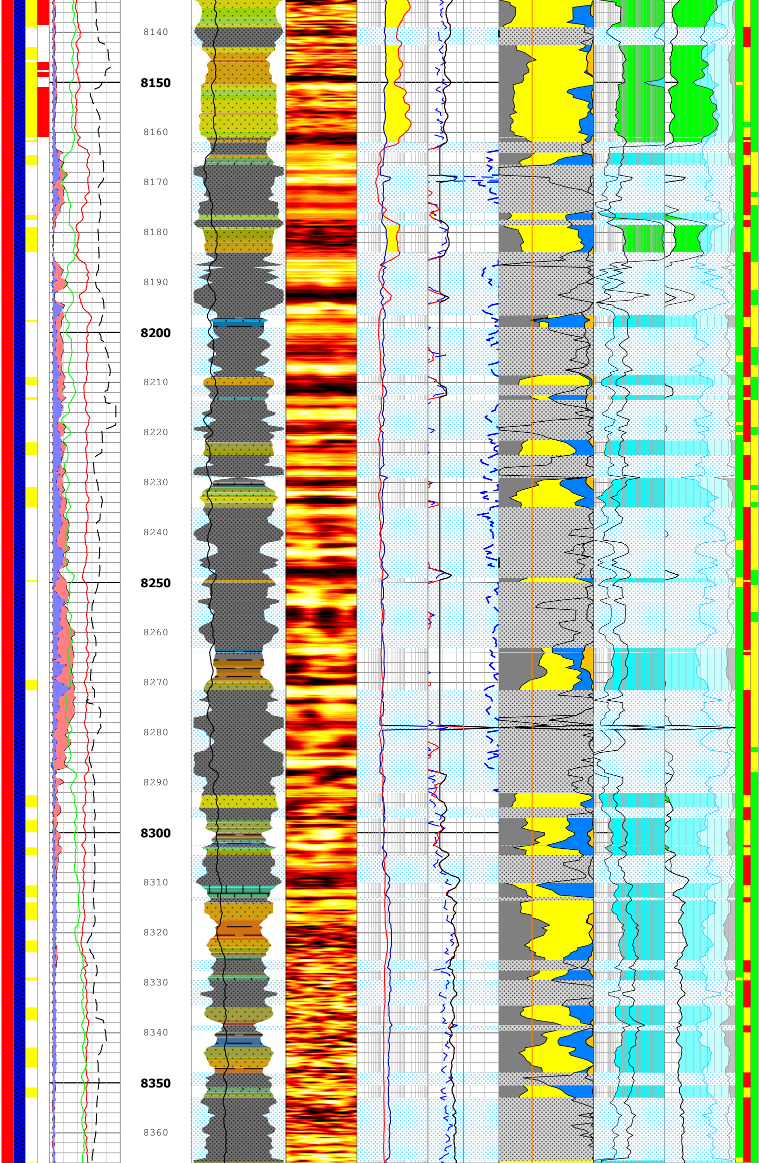


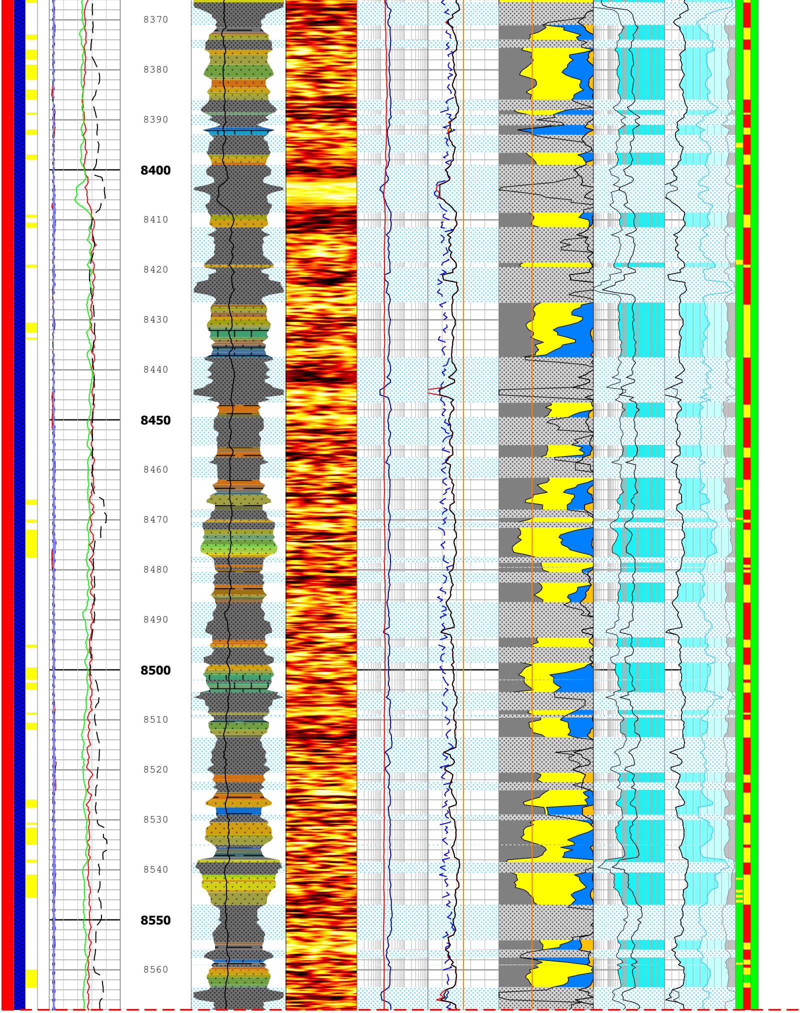












User Comments
1) Spectroscopy is the main driver in the Solutions-Quicklook plot. All other measurements presented are computed from spectroscopy volumes. 2) ROP caused poor statistics in the elemental spectroscopy measurements.

Company:	**Chevron U.S.A., Inc.**
Well:	**JIP II GC 955H**
Field:	**Green Canyon 955**
Rig	**Helix Q4000**
STATE:	**Louisiana**

Well#_GC955_H_arenite_Ecoview_FINAL2.dlis
Schlumberger EcoView