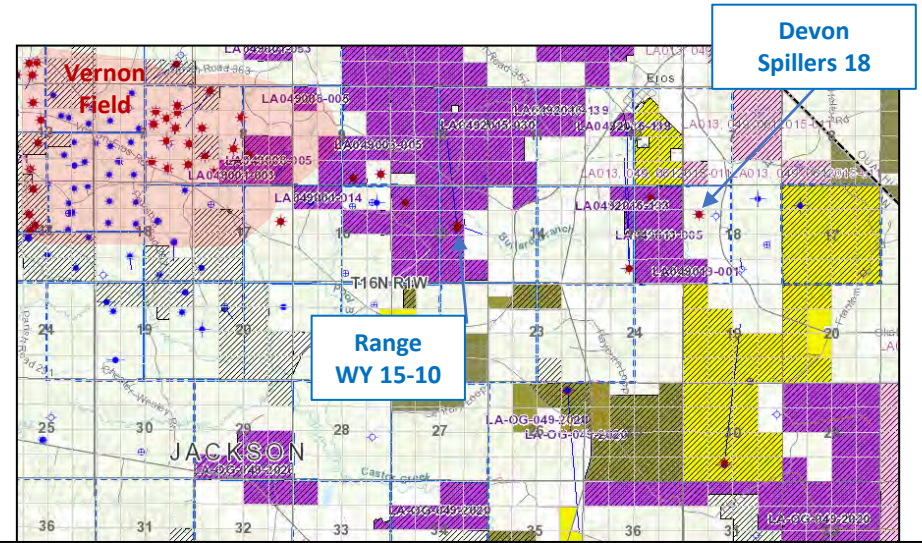
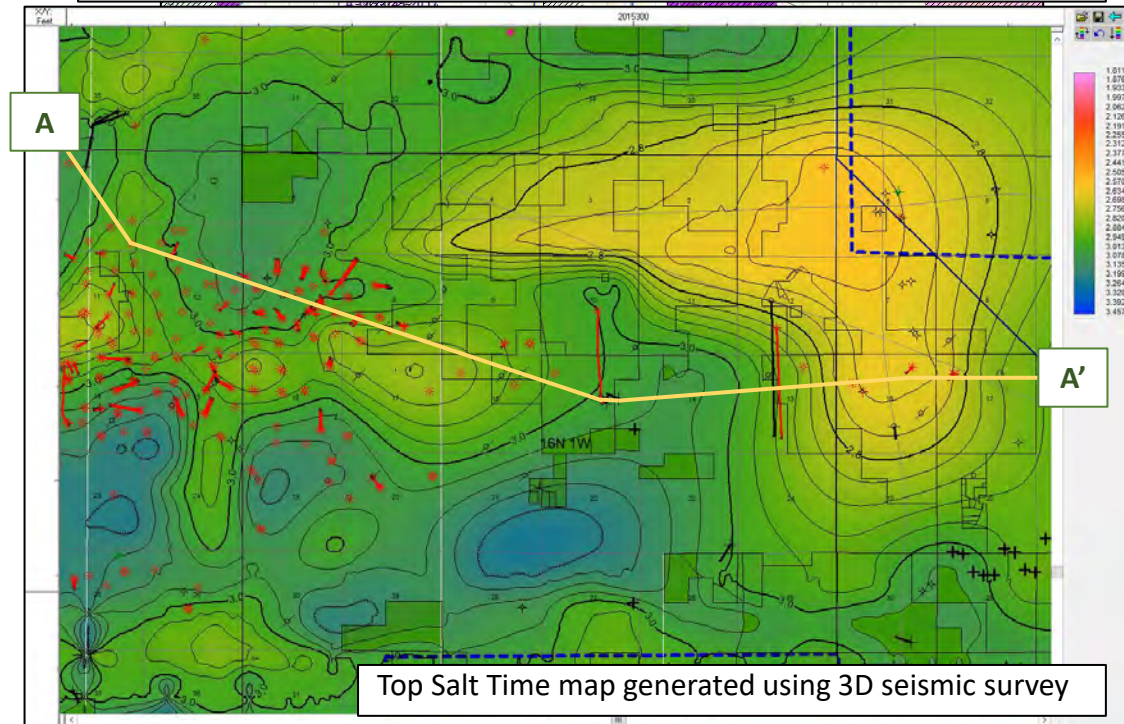


## JAX Cotton Valley Prospect- Jackson Parish, LA Overview

- The 2760 net acre\* Jax Prospect is a seismically mapped high with an expanded mid Bossier/LCV section
- The prospect is adjacent to wells that have produced gas and have good shows in the Cotton Valley
- Vernon Field was developed in the Upper Cotton Valley with vertical wells and UCV locations may exist in the prospect area
- The Lower Cotton Valley has been drilled only by a few wells but is also productive in vertical and HZ wells
- The prospect area has undrilled locations that can be economically exploited by an operator that can determine and execute optimal drilling and completion strategies
- Suggested Deal Terms:
  - \$600 per acre
  - 25% royalty
  - 3-year lease



Yellow and Brown Acres on Map are available for leasing. Purple and Pink are presently committed.



Top Salt Time map generated using 3D seismic survey

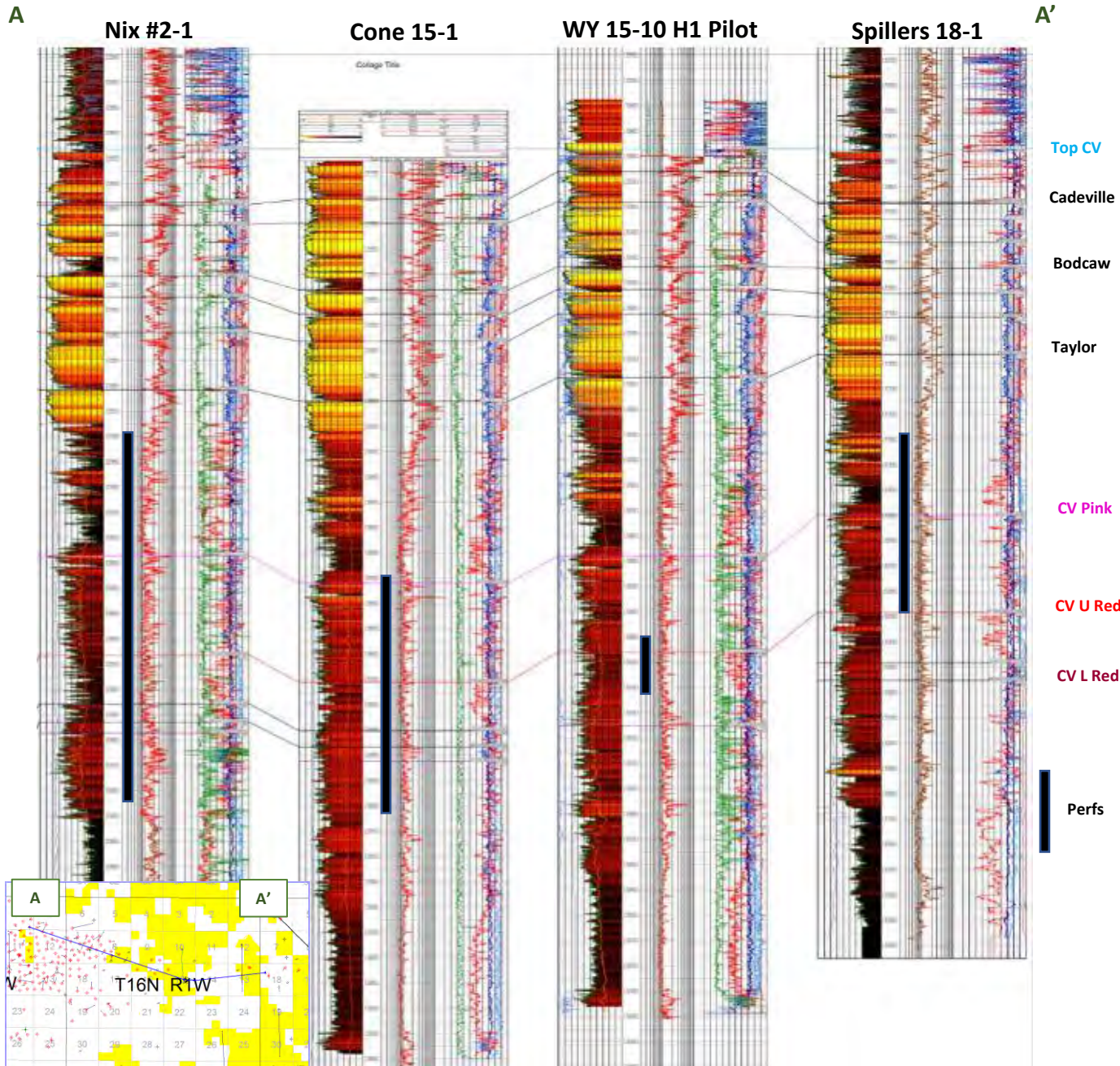


- The Jax Prospect is a seismically mapped high with an expanded mid Bossier/LCV section





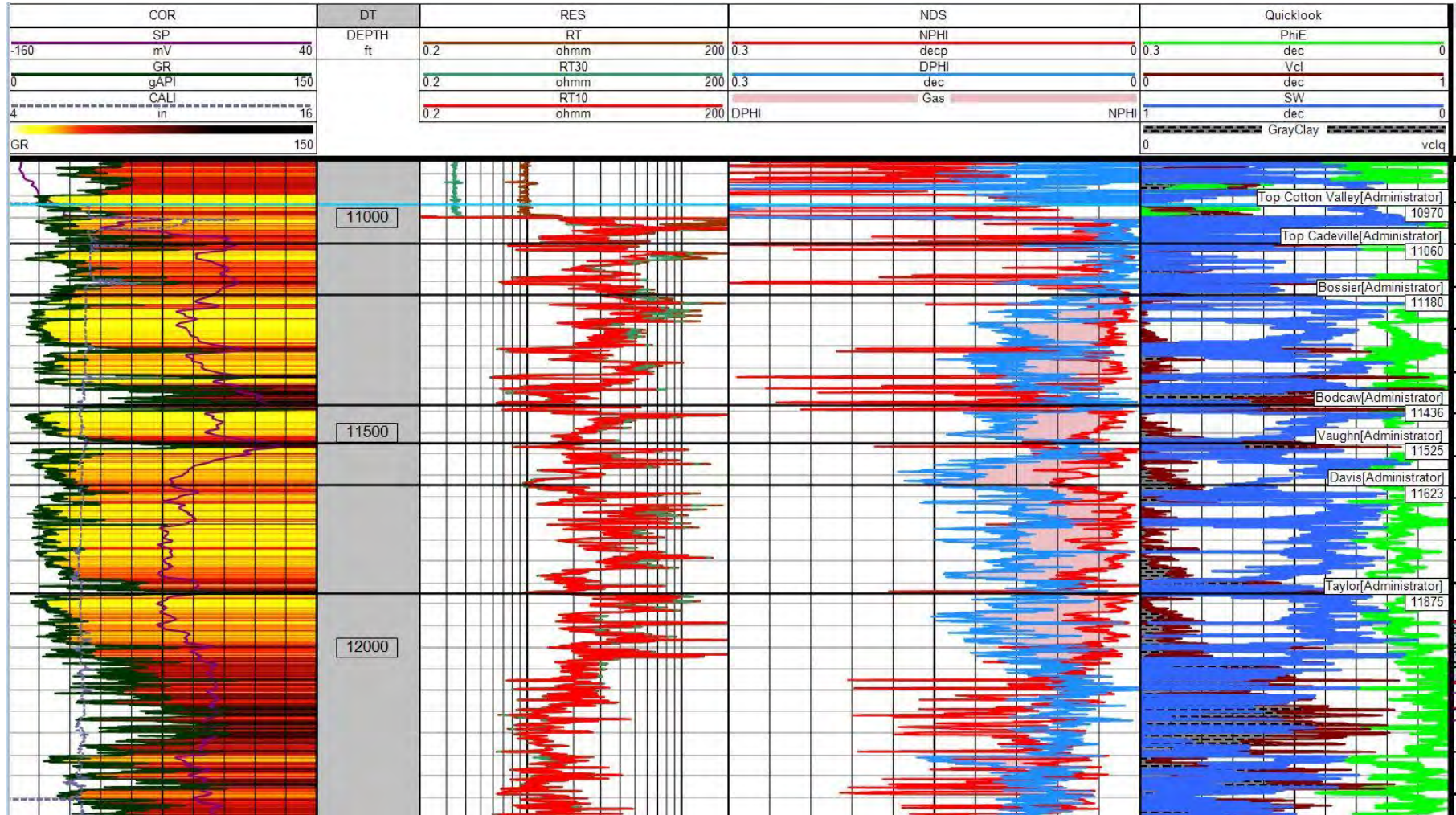
# Lower Cotton Valley Stratigraphic Cross-Section



- The cross section is hung on the top Cotton Valley and illustrates well developed Upper Cotton Valley sands in yellow and thick Lower Cotton Valley sands in orange.
- The Nix 2-1 well and the Weyerhaeuser 15-10 H1 lateral both produced about 5 BCFG each from Lower Cotton Valley zones
- The perf indicator on the Weyerhaeuser 15-10 H1 Pilot illustrates the landing zone for the H1 Lateral (13,150' climbing to 12,950')
- Gas shows and indications are present throughout the Cotton Valley section



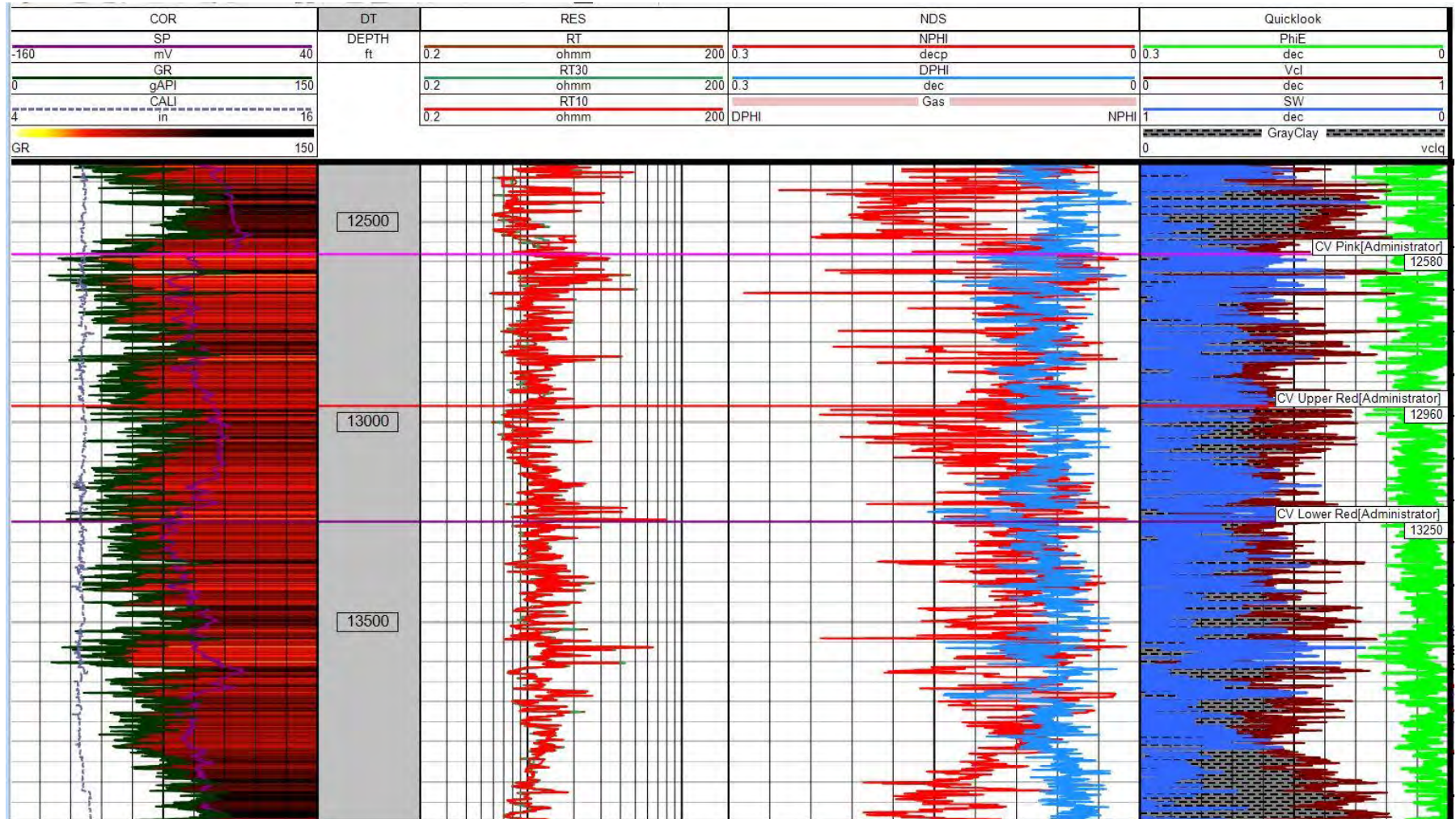
# Weyerhaeuser 15-10 1H UCV Log Interpretation



- The Upper Cotton Valley sands are well-developed with fair to good porosities, gas cross-over and gas shows.
- The UCV was developed with vertical wells in the Vernon Field to the west, but additional locations may exist in the prospect area



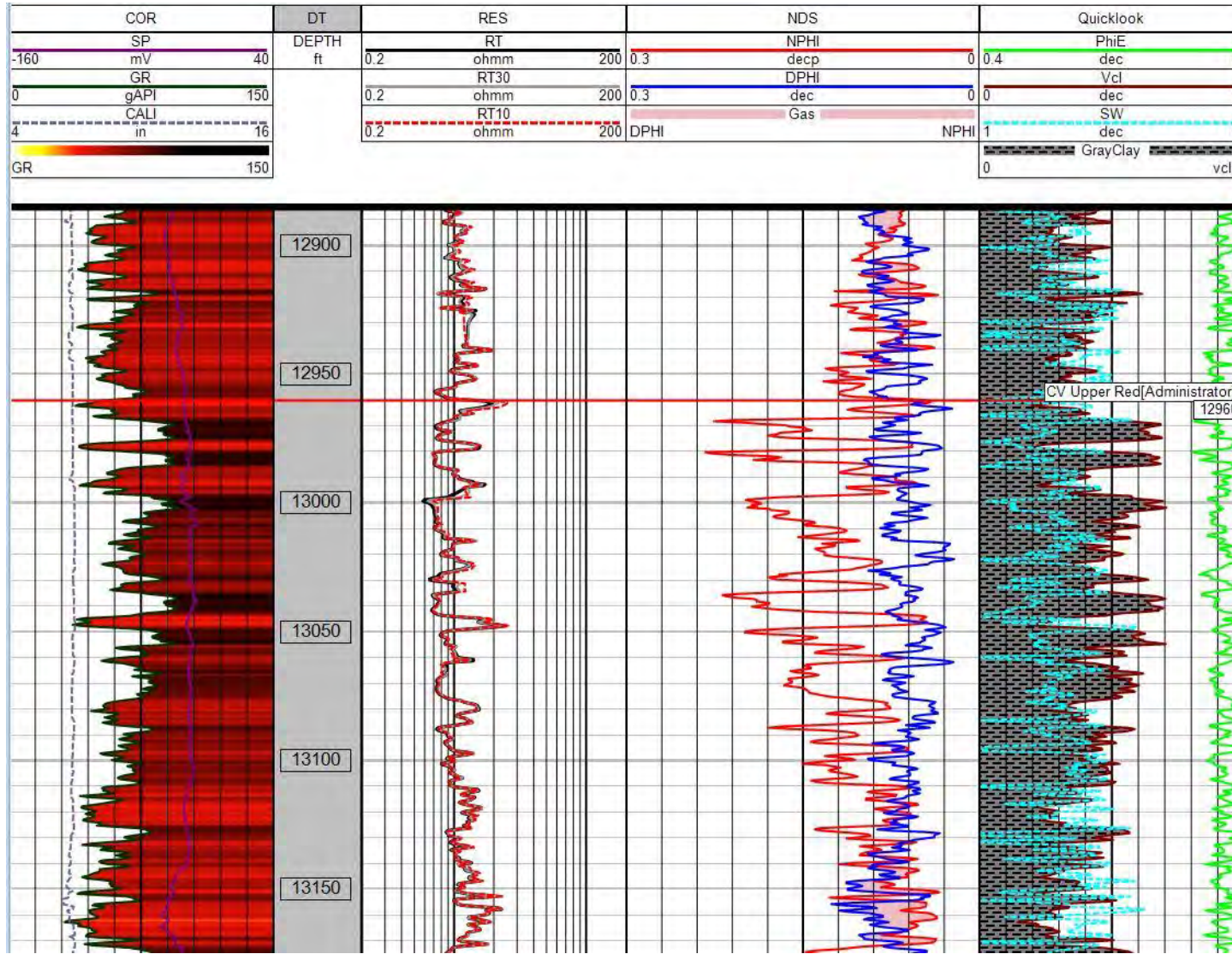
# Weyerhaeuser 15-10 1H LCV Log Interpretation



- MRD and Range began a Lower Upper Cotton Valley development plan with focus on the Terryville Field to the northwest
- The LCV has lower porosity with gas shows and log cross-over
- The Weyerhaeuser 15-10 1H Lateral produced nearly 5 BCFG (still online) from a zone beginning at 13,150' and rising to 12,950' to the north

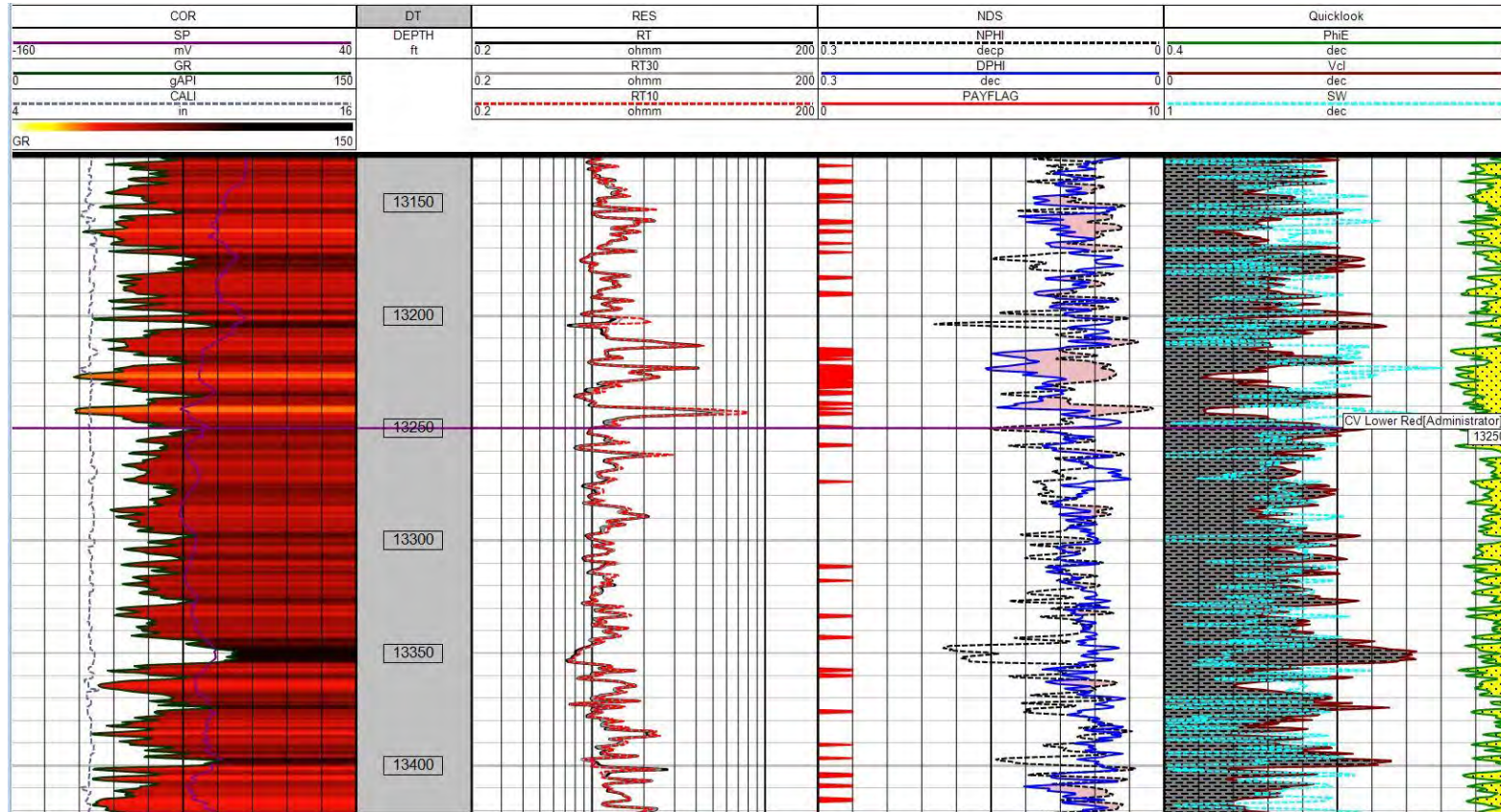


# Weyerhaeuser 15-10 1H Landing Zone Detail



- The horizontal WY 15-10 H1 lateral was landed at about 13,150' MD in a pay zone with 4-5% porosity, 50% Sw and Vcl, and log crossover
- The well was deviated Approx. 4,700' to the north and climbed to 12,950' MD by TD
- The zone above 13,150' appears tight and shaly, while the formation below the landing zone appears to have better reservoir characteristics and be productive

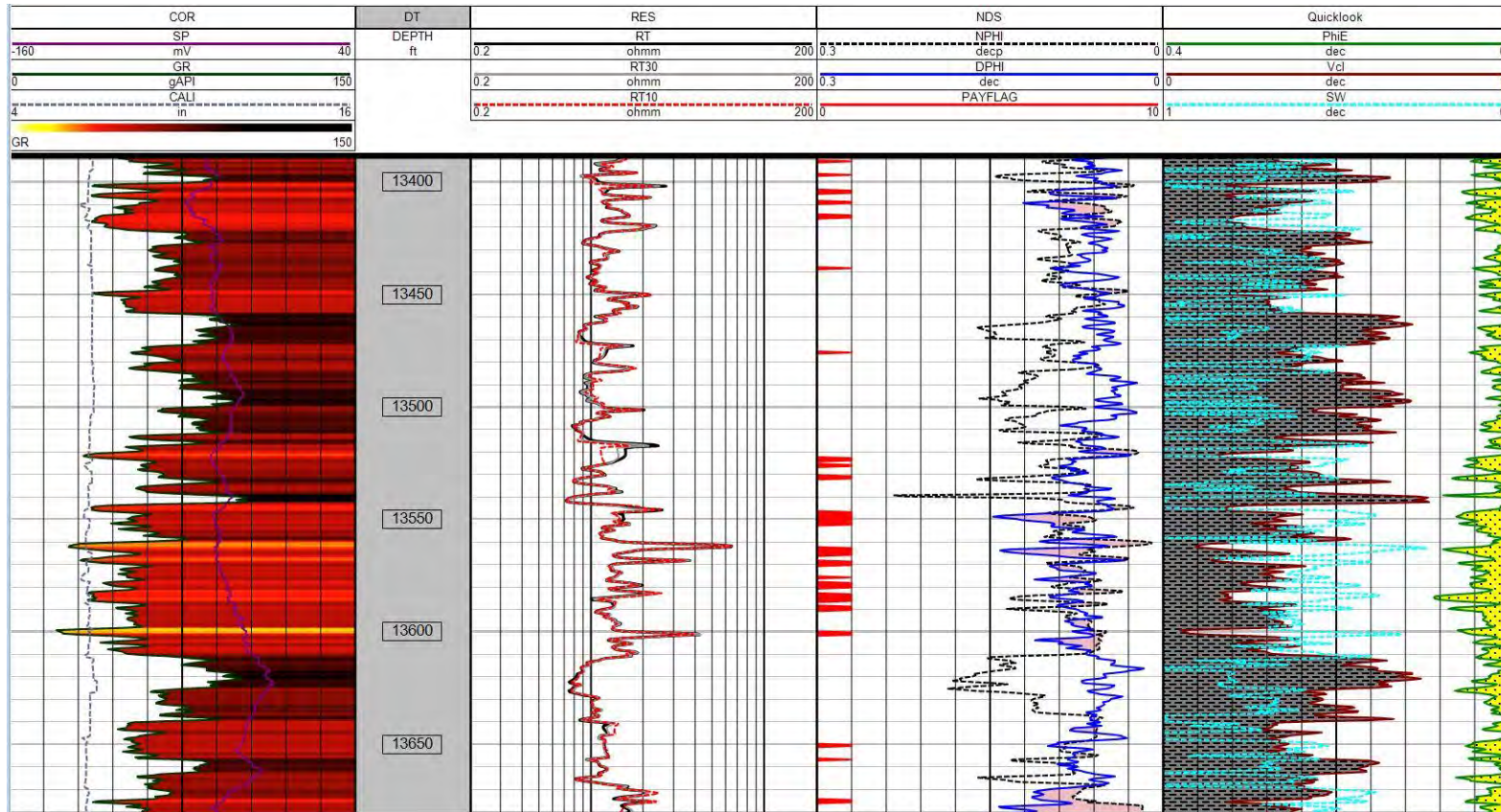
# Weyerhaeuser 15-10 1H Below LZ Zone Detail



- Good porosity and gas crossover is exhibited in the WY 15-10 H1 Pilot well in several zones below the landing zone in that lateral
- The first of these zones is from 13,210'-13,250' MD



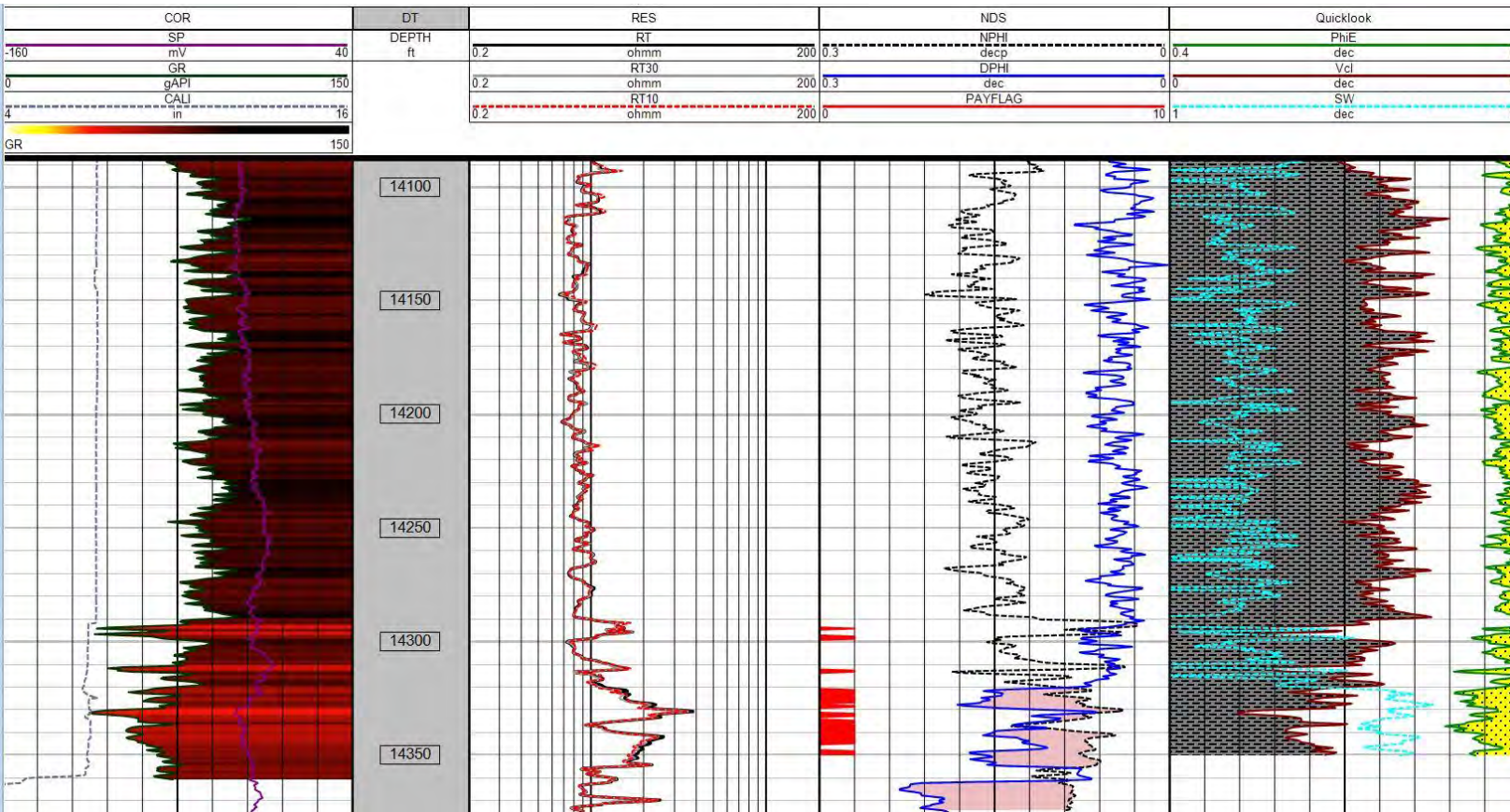
# Weyerhaeuser 15-10 1H Below LZ Zone Detail



- A thinly laminated pay zone is found from 13,520' to 13,610'
- The zone at 13,670' has good crossover, fair to good Sw and Vcl but is lower than 4% porosity



# Weyerhaeuser 15-10 1H Below LZ Zone Detail



- The zone from 14,300' to TD appears productive with low Sw, reasonably low Vcl and better porosity



# Lower Cotton Valley Time Map

- Base UCV Time map with clear influence from underlying Top Salt Structure

