



Scott W Peters  
President  
Apex Spectral Technology, Inc.

Scott,

I wanted to thank for the timely work you did for us on the Polvo Field in the Campos Basin in Brazil. As you knew, going into the ADF® DHI analysis, there had been nearly twenty wells drilled targeting the oolitic shoals of the Quissama carbonates and several shallower Cretaceous sands. One of the challenges we have had was recognizing areas where the Quissama carbonates had good reservoir quality.

One feature we have seen is that where there is retained porosity, there has also been oil present as the oil seems to have preserved the porosity and prevented significant diagenesis.

The ADF® DHI results showed a good match to well data. Your analysis has illuminated other areas where the Quissama likely has shoal type reservoir properties and as important; has those depositional features preserved.

Thank you again and I look forward to using this technique in other areas.

Best regards,

A handwritten signature in black ink, appearing to read "J. Auman", written in a cursive style.

John Auman  
Vice President E & P