



INTEGRATED TECHNOLOGIES MWD/LWD Forum

Keeping Your Finger On The Pulse



www.iadd-intl.org

Laterolog Resistivity & Imaging

GeoFusion

Laterolog Resistivity and Imaging

Laterolog Resistivity

- High Measurement Range (20,000 ohm-m)
- Deepest Reading Laterolog Measurement in Industry
- Multiple Quadrant Resistivities - Even While Sliding

Resistivity Imaging

- 128 Sector Resistivity (16 Sectors in RT)
- 0.4 inch imaging electrode

Other

- Bit Resistivity
- Azimuthal Gamma Ray (16 Sectors in RT)
- Comprehensive Drilling Dynamics package

Applications

- Accurate Formation Evaluation
- Fracture Analysis
- Reactive Geosteering
- GeoStopping

Measurement Specifications

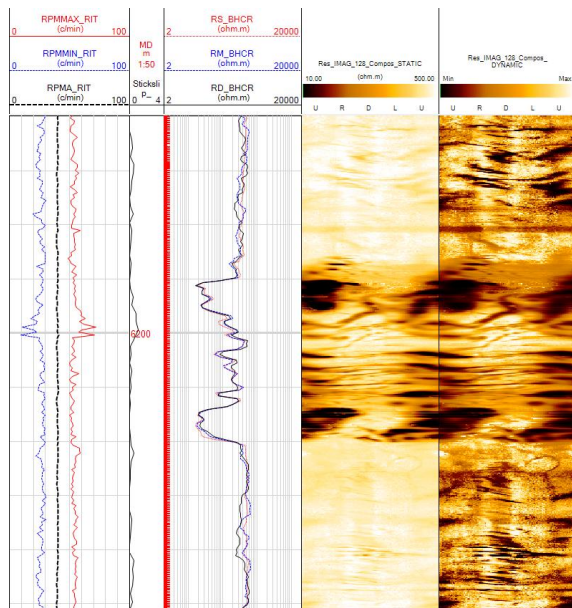
<u>Resistivity:</u> 0.1 to 20,000 ohm.m range +/- 10% (up to 2,000 ohm.m)	<u>Resistivity DOI:</u> 8 in. 11.6 in. 15 in. In Quadrants while sliding
<u>Resistivity Image:</u> 360° coverage, 128 sector 0.4 in. electrode	<u>Gamma Ray Image:</u> 16 Sectors in RT

Spotlight
on new
TECHNOLOGY

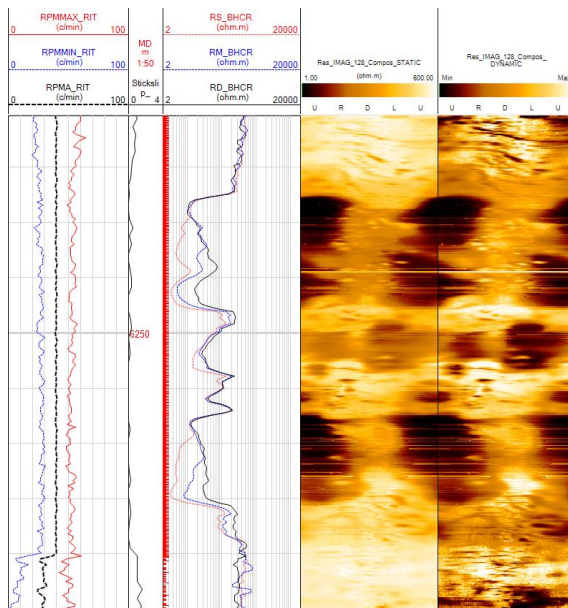


GeoFusion

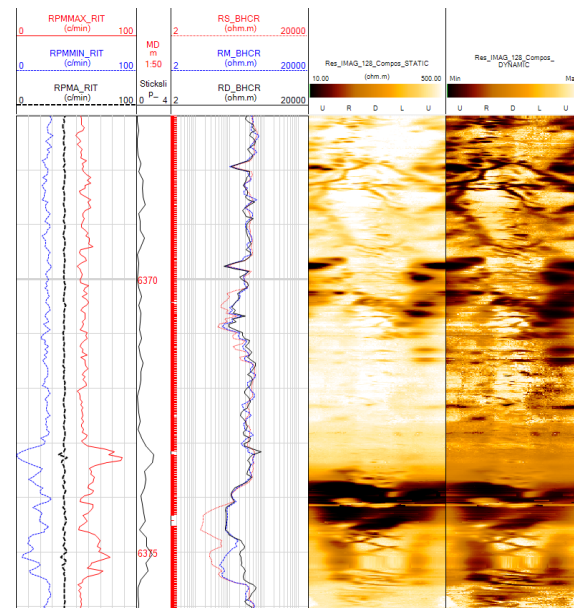
128 Sector Resistivity Imaging



- Deep Vugs / Rugosity on top of hole
- Thin bedding



- Structure
- Thin bedding
- Shallow & Medium Res Response

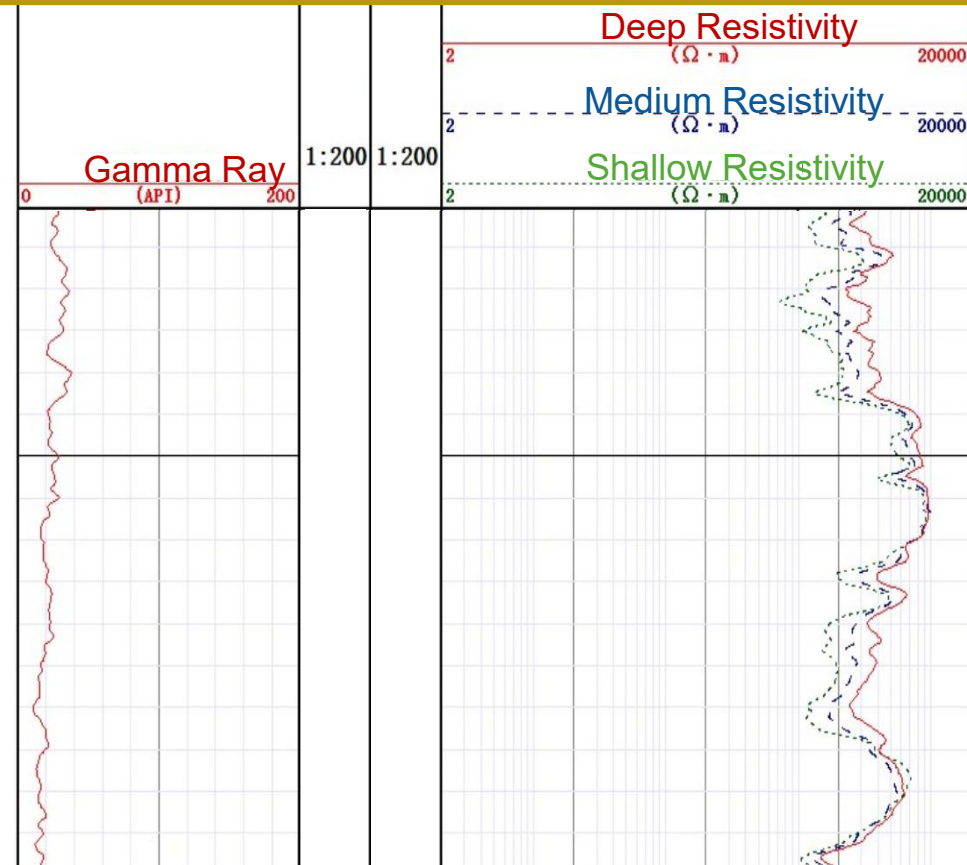


- Structure
- Vugs
- Shallow Res Response

GeoFusion

Laterolog Resistivity

- 3 Depths of Investigation
- Azimuthal Resistivity for each DOI
- Measurement Range to 20,000 ohm.m
- Azimuthal Resistivity even while sliding
- Extremely fine Vertical Resolution



Conclusion

- GeoFusion LWD provides:
 - Accurate Formation Evaluation
 - Fracture analysis
 - Reactive Geosteering
 - GeoStopping capabilities



INTEGRATED TECHNOLOGIES MWD/LWD Forum

Keeping Your Finger On The Pulse



www.iadd-intl.org

Thank You