



Enhance the applicability of propagation resistivity measurements to high-resistivity formations such as carbonates.

Designed to interface with either top-mounted or bottom-mounted pulsers thru the specially designed datalinks.

Both standard version (150°C and 20,000 psi) and HTHP version (175°C, 25,000 psi) are available.

PUSH THE PROPAGATION RESISTIVITY MEASUREMENT LIMIT EVER HIGHER

FEATURES & BENEFITS

- Measures up to 12 propagation resistivities at 3 frequencies (400 kHz, 2 MHz, and 4 MHz)
- All measurements are fully compensated for borehole or temperature effects
- Expands resistivity measurement range up to 4,000 ohm
- Short sub (11.3ft or 3.5m) to shorten the BHA
- Modular electronics design improves shop or rig-site tool serviceability
- Compatible with virtually any type of drilling fluids

APPLICATIONS

- Monitor bed boundary crossing
- Detect approaching reservoir boundaries
- Monitor water zones and avoid contact
- Refine the earth model with the high-definition propagation resistivity measurements

ResTracker provides multiple resistivity measurements with widely separated depths of investigation, allowing detailed delineation of the resistivity profile around the borehole.

ResTracker improves geosteering decision making with petrophysical-quality, temperature-stabilized resistivity measurements.

ResTracker interfaces with top- or bottom-mounted pulsers thru the specially designed datalinks from above and/or below.

TOOL FEATURE HIGHLIGHTS

- Compatible with virtually all types of muds
- Extra large memory allows days of runs
- High measurement accuracy expands the applicability range
- Modular electronics design improves tool serviceability
- H2S-resistance upgrades available upon request
- Available in 3-1/2 in., 4-3/4 in., 6-3/4 in., and 8-1/4 in. collar sizes

SPECIFICATIONS

Tool Size	3-1/2 in.	4-3/4 in.	6-3/4 in.	8-1/4 in.	
Hole Size Range	4-1/4 to 5-1/2 in.	5-7/8 to 6-3/4 in.	8-3/8 to 10-5/8 in.	11 to 12-1/4 in.	
Nominal OD	3-1/2 in.	5 in.	6-3/4 in.	8-1/4 in.	
MAX OD	3-3/4 in.	5-1/4 in.	7 in.	8-1/2 in.	
Nominal Length	136 in. (3.45m)				
Connection Makeup Torque	2,500 lbf-ft.	10,000 lbf-ft.	30,000 lbf-ft.	46,000 lbf-ft.	
Max DLS	Rotating	20°/100 ft.	15°/100 ft.	8°/100 ft.	6°/100 ft.
	Sliding	40°/100 ft.	30°/100 ft.	16°/100 ft.	12°/100 ft.
Max Operating Press.	20,000 psi / 25,000 psi	20,000 psi / 25,000 psi	20,000 psi / 25,000 psi	20,000 psi / 25,000 psi	
Max Operating Temp.	150°C / 175°C	150°C / 175°C	150°C / 175°C	150°C / 175°C	
Max RPM	200	200	200	200	
Max Sand Content	<1%	<1%	<1%	<1%	
Max Flow Rate	150 gpm	350 gpm	750 gpm	1000 gpm	
H2S-resistant upgrade	Yes	Yes	Yes	Yes	

MEASUREMENTS

Operating Frequencies	400 kHz & 2 MHz (4 MHz optional)			
Coil Spacings	18 in. & 46 in.			
Resistivity Range	0.1 – 3,000 ohmm (4,000 with 4 MHz)			
Vertical Resolution	125 ft. at 1 ohmm			
Depth of Investigation	Up to 14 ft.			
Azimuthal Gamma Opt.	No	Yes	Yes	No
PWD Option	No	Yes	Yes	Yes
Power Consumption	Configurable			

ACCURACY

