

**Closed hole**

## ZAS-36 Cement-bond sonic logging tool

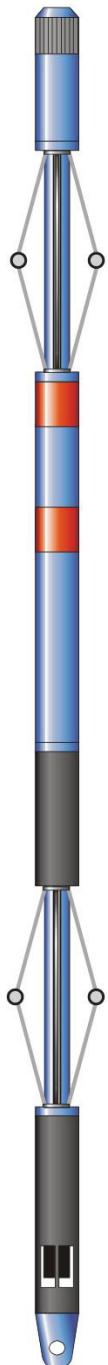
*The equipment was development by AO NPP VNIIGIS in cooperation with OOO NPC ECO-Technology*

is designed for casing string cementing quality control (casing size 55-155 mm)

### FEATURES AND ADVANTAGES

- the tool is operated through a one-core cable of up to 6000 m length, with computerized logging stations equipped with fast-acting analog-digital converters for recording the full wave picture ( GEKTOR type);
- tool conveyance to the investigation interval through the drill pipe (inner diameter 50 mm).

### SPECIFICATIONS



Sonde formula	T <sub>2</sub> 0,25T <sub>1</sub> 1,5R
Centralizers	lever-type
Transmitter	magnetostrictive, radial
Receiver	piezoceramic
Transmitter inherent frequency, kHz	20
Max. operating temperature, °C	120
Max. hydrostatic pressure, MPa	60
Borehole tool dimensions, mm:	
- diameter (without centralizers)	36
- length	2400
Weight, kg	up to 10