

Cased hole

PKS-112 drilling perforator-core extractor

is designed for investigation of borehole set condition by means of casing and cement stone sampling in oil and gas boreholes, and also for creation of holes of large diameter in casings for plug-back mixture topping-up in annular space during isolation squeeze.

SPECIFICATIONS

Well diameter, mm	140-168
Max depth of core sampling, m	4500
Diameter of drilled out sample, mm	20
Diameter of casing hole, mm	31
Bore emission, mm	up to 45
Time of sample drilling-out, min	12-20
Maximum number of cores, sampled for one round-trip, pcs	up to 5
Power-supply, W	380
Max. operating pressure, MPa	80
Max. operating downhole temperature, °C	150
Instrument dimensions, mm:	
- diameter	2610
- length	112
Downhole tool weight, kg:	85

The tool is acceptable to use in complex with MYO-1 angular orientation module for creation of some holes along the casing.

PKS-112 drilling perforator-core extractor is worked out for exploitation with logging laboratory and hoist, equipped by three- or seven-core cable.



SAMPLE OF CASING, CEMENT STONE AND ROCK FORMATION



SAMPLE OF METAL CASING, CEMENT STONE

