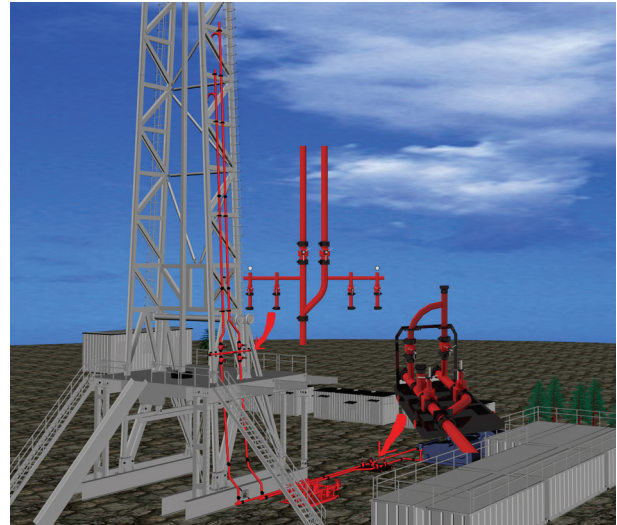


Drilling Fluid Manifold

The series of ZJGH-35S drilling fluid manifold is designed according to China oil&gas industry standard SY/T 5244-2006. As one of the major equipment for high pressure jet drilling, it is used for carrying the high pressure mud drained by the mud pump into the well, washing the bottom of the well, taking the cuttings out, completing the drilling operations, and assisting the cementing operations etc.

Structural features

- The drilling fluid manifold mainly consists of ground pipelines, ground valves assembly, T-joints, stand pipelines, stand pipe valves assembly, gooseneck, rotary hose and pressure gauges.
- The whole manifold is connected by the spherical unions, using high strength alloy steel material and heat refining. This structure is easy to assemble and disassemble; Seals use rubber "O" ring; All parts of the manifold are through strength test in order to ensure performance requirements.



Characteristic

- From the pump to the rotary hose, the whole manifold can be divided into four parts: ground valves assembly, ground pipelines, stand pipe valves assembly and stand pipelines on the derrick.
- The whole manifold is connected by the spherical unions, easy to assemble and disassemble, has good interchangeability, and allows to be used in angle of inclination $\pm 8^\circ$.
- Ground pipes and stand pipes could be divided into several parts, and can be adjusted by user according to the practical situation of the well site.

Main Technical Specifications

Nominal I.D	2" -5"
working pressure	21-70MPa
Test Pressure	1.5times working pressure
Working Temperature	-29℃ (or -45℃) ~ +121℃
Product specification level	PSL1-PSL4
Working Media	crude oil, drilling fluid, fresh water , etc.
Connection	Union or flange
Valve-driven approach	Manual