

GDI-1 Specifications



GDI-1 is the first GDI land rig which was purchased in 2004. The rig design is Lanzhou.

Description	Specification
Rig Name / Model	GDI-1, Lanzhou
Mast Height	Clear height -148ft
Hook Load Capacity	700,000 Lb with 12 lines
Crown Block	Lanzhou TC315-6, 700,000 Lb, Drill line size 1-3/8"
Rig Substructure	Floor Height -30 Ft, Under Rotary Beams - 26 Ft
Set back capacity	350,000 Lbs + 700,000 Lbs
Hook & Block Assembly	Lanzhou DG315, YC315, 700,000 Lb Capacity
Rotary Table	Lanzhou ZP275, 27 1/2"
Draw works	Lanzhou JC50D, 1500 HP, 1 3/8" Grooved drum, Max 76,000 Lb Fast-line Pull, 487,000 Lb Max Capacity
Brakes Mechanism	Drum brakes & Electric auxiliary – Lanzhou DS-45
Mud Pump	Lanzhou, Model 3NB1300C, 1300 HP, Belt-driven, Dual 752 Traction Motors
Power Package	Caterpillar 3512 – SR4 Generators x 3 Standby Generator – Cummins/Onan 310 KW Ross-Hill SCR
Mud System	Active – 1229 Bbl, Reserve – 396 Bbl, Water – 916 Bbl Pill – 65 Bbl, Trip – 50 Bbl, Total – 2540 Bbl
Shale Shakers	Brandt Cobra Linear Motion, Double Deck/Triple Screen
Desander	Lanzhou ZQJ250, 2 Cone Vertical, 880 GPM Capacity
Desilter	Lanzhou SCN125, 20 Cone, 792 GPM Capacity
Degasser	Brandt DG-10, 1000 GPM Capacity
BOP Equipment	Hydrill GK – 13 5/8, 5M Shaffer SL Double – 13 5/8, 10M Shaffer SL Single – 13 5/8, 10M Jinhu Petroleum Choke Manifold, 3" 10M Beijing Petroleum FCQ6406E Accumulator, 6 Station