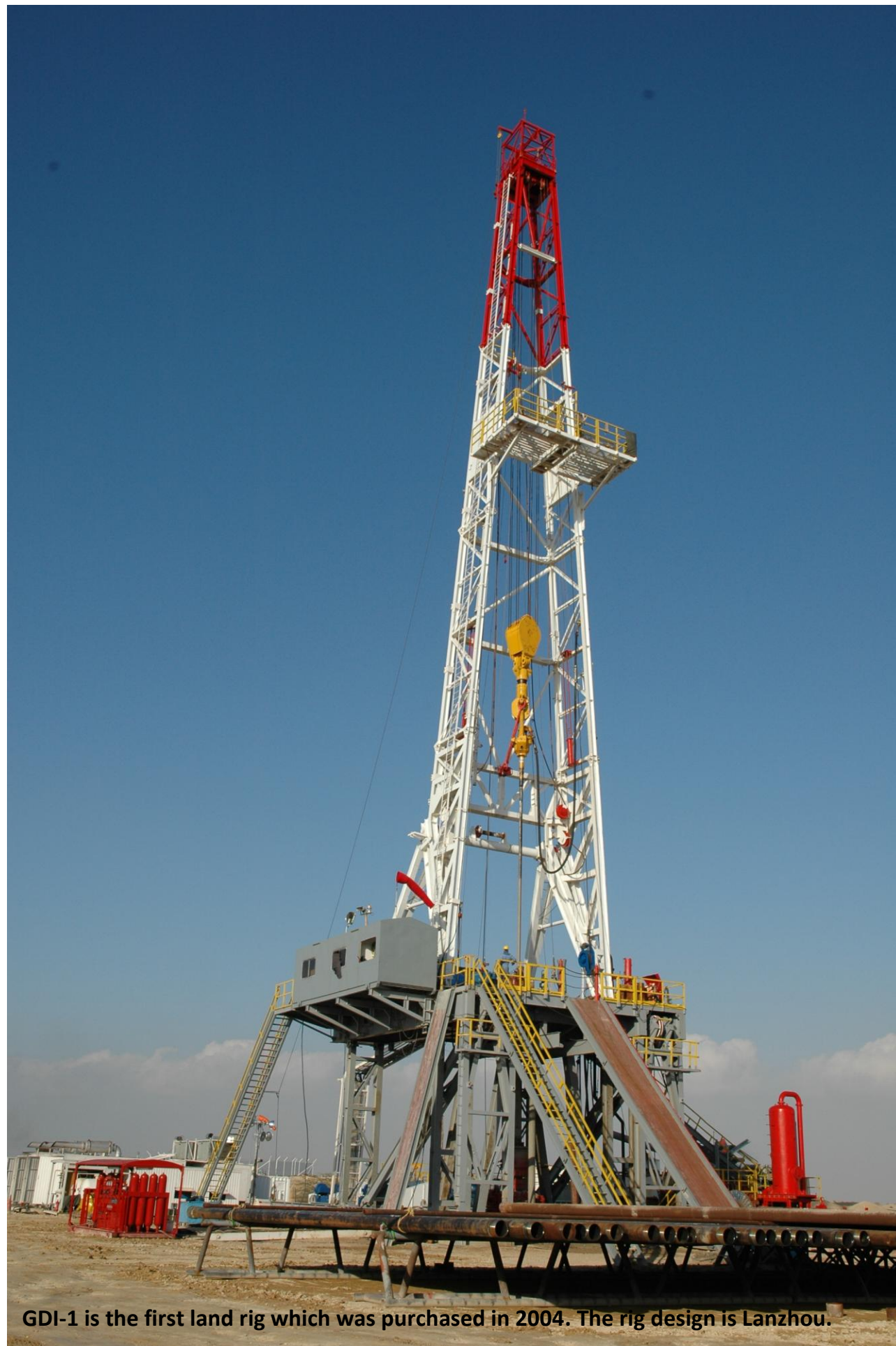


GDI-1 SPECIFICATIONS



GDI-1 is the first 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 –1123Bbl, Reserve – 833 Bbl, Water – 916 Bbl Pill – 65 Bbl, Trip – 50 Bbl, Total – 2061 Bbl
Shale Shakers	MI Swaco- Mongoose PT Triple shale Shaker
Desander	Mi Swaco- 3 X 12" Slant Mount Desander, Model-312, Capacity-1500 gpm
Desilter	Mi Swaco- 20 X 4", Model- 10T4, Capacity-1500gpm
Degasser	Brandt DG-10, 1000 GPM Capacity
BOP Equipment	Church Energy 13 5/8" X 5M Type-51, Annular BOP Church Energy 13 5/8" X 10M Type-50U, Single Ram Church Energy 13 5/8" X 10M Type-50U, Double Ram with Large Bore & Shear Booster



