

GDI-2 SPECIFICATIONS



GDI-2 is the 2nd Land Rig which was purchased from National Oilwell in 2005

Description	Specification
Rig Name / Model	GDI-2, National/Lanzhou Ideal Rig
Mast Height	Clear height -168 Ft
Hook Load Capacity	700,000 Lb with 12 lines
Crown Block	LS-NOI TC340-6, 750,000 Lb, Drill line size 1-3/8"
Rig Substructure	Floor Height -25 Ft, Under Rotary Beams - 21 Ft
Set back capacity	500,000 Lbs + 700,000 Lbs
Hook & Block Assembly	LS-NOI DG450, YC450, 1,000,000 Lb Capacity
Rotary Table	LS-NOI ZP375, 37 1/2"
Draw works	LS-NOI JC50D, 1500 HP, 1 3/8" Grooved drum, (National.Oil.Well) Max 76,000 Lb Fast-line Pull, 487,000 Lb Max Capacity
Brakes Mechanism	Disk Brakes & Electric auxiliary – LS-NOI DS-50
Mud Pump	LS-NOV, Model 12-P-160, 1300 HP, Belt-driven, Dual 752 Traction Motors
Power Package	Detroit Diesel 16V2000/G80 Stewart & Stevenson Generators x 4 National SCR
Mud System	Active – 1175 Bbl, Reserve – 600 Bbl, Water – 730 Bbl Pill – 109 Bbl, Trip – 121 Bbl, Total – 2735 Bbl
Shale Shakers	NOV DL285P, LM-3.Three Shakers Capacity 773 gpm each depend solid load and drilling rate.(N.O.W)
Desander	NOV DSN3V-10CTX, 3 x 10" Cone, 1500 GPM Capacity
Desilter	NOV DSLR-20GG, 20 x 4" Cones, 1260 GPM Capacity
Degasser	NOI 1000-C, 1000 GPM Capacity
BOP Equipment	Hydril 13 5/8" X 5M Type-GL, 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
SCR	NATIONAL OILWELLMODEL. 1000.Equipped with Auto Fire Extinguishing System
Swivel	500P
Driller Cabin	National oil well. A/C. Equipped Automatic pressurized system



