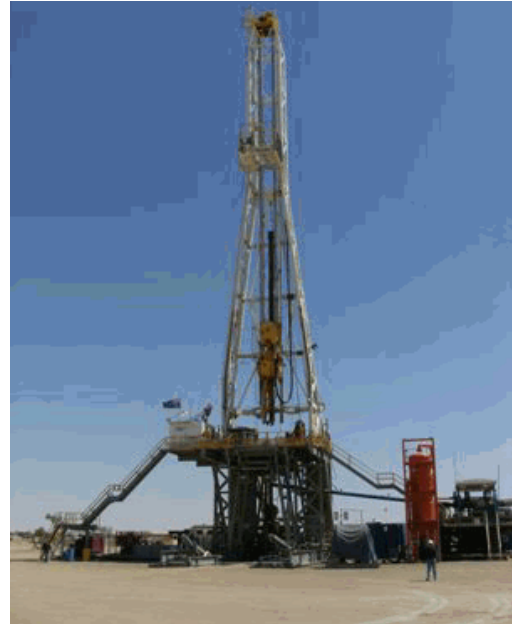


# Rig GD 100

## 2000 HP LeTourneau AC Land Rig



### General Description

Type	2000 HP AC Land Rig
Estimated Drilling Depth	6,000 mtrs
Estimated Total Rig Move Loads	75
Estimated Total Camp Move Loads	20

### Mast

Make	Woolslayer
Height	147 ft
Static Hook Load Capacity	1,000,000 lbs
Racking Capacity	224 stands of 5" DP + 6 stands of 9-1/2" Collars

### Substructure

Style	Hydraulic Raised Substructure
Height	30 ft
Clear Height Rotary Beam to Ground	25 ft 3 in
Casing Capacity	1,000,000 lbs

Setback Capacity	600,000 lbs
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### Drawworks

Make	LeTourneau Technologies
Model	LDW1000K
Power Rating	2,000 hp
Input Power	2 ea OEM OEM TT 1500 HP
Brake Type - Band or Disc	Disc
Auxillary Brake	None
Drilling Line Size	1 1/2"

### Top Drive / Swivel

Type	LeTourneau Technologies
Capacity	DDTD-500
Torque - Continuous	500 ton 42,500 ft/lbs @ 115 rpm

### Rotary Table

Type	LeTourneau Technologies
Table Opening	37.5"
Maximum Torque Rating	23,569 ft/lbs
Maximum Load Rating	650 ton

### Power Generation

Engines	4 ea Caterpillar 3512B @ 1220 hp
Generators	4 ea Kato A271090004 @ 1365 KW
SCR / VFD / DC/DC	OEM V3000 AC Mechanical Rig

### Enhancements

Iron Roughneck, Canrig Drilling Technology Ltd TM120-40-3260-A-A-P  
Pipe Cat, NOV Pipe Cat PC-5-47  
Power Slips, Den Con FG 2A Flex 500T Clearance 22-3/4

### Mud System

Mud Pumps	2 ea Lewco WH 1612
Power Rating	1600 hp
Pressure Rating	7,500 psi
Active Mud Volume	1026 bbls bbls
Reserve Mud Volume	402 bbls bbls
Reserve Mud Tanks	1500 Bbls
Shale Shakers	3 ea Axiom Process Ltd. AX-
Desander	1 Brandt 3 x 26AF
Desilter	Brandt 24 x 26CJ
Mud Cleaner	N/A
Centrifuge	N/A

### Well Control

BOP Annular 13 5/8"	Hydril GXS 5,000 psi
BOP Annular 20 3/4"	Shaffer 20-3/4" 3,000 psi
BOP Single Ram 13 5/8"	Cameron Drilling Systems Type U 10,000 psi
BOP Double Ram 13-5/8"	Cameron Drilling Systems DBLE U 10,000 psi
BOP Double Ram 20 3/4"	Shaffer 20-3/4" 3,000 psi
Choke Manifold	ContFlow 3 1/16" 10,000 psi
BOP Closing Unit	Consolidated Pressure Control 8S-4/60-30