

# Rig 103

## Hoisting and Rotating

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Drawworks	National 110-UE (1,500 hp) powered by 2-GE 752 traction motors
Auxiliary Brake	Eaton 336 WCBD2
Rotary Table	Lanzhou ZP-275 with a 27-1/2" opening
Traveling Block	Ideco Big Shorty (525 ton)
Swivel	Lanzhou SL-450 (500 ton)
Top Drive	Tesco ECI 900 (900 hp, 500 Ton, electric)
Rotating Mousehole	Access Oil Tools Phantom

## Power Package

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Generators	3-Kato 1,204 kW powered by CAT-3512B
Control House	Ross Hill 1600 4 - SCR 3 -Gen

## Well Control

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Annular  
Double Ram  
Single Ram  
Accumulator  
Choke Manifold

## Mud System

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Mud Pump 1	Continental Emsco F-1600 (1,600 hp) powered by 2-GE 752 traction motors
Mud Pump 2	JF1600 (1,600 hp) powered by 2-GE/MCM 752 traction motors
Mud Pits	3-pit system (1,500 bbl) with 8 agitators 100 bbl premix pit built into suction
Shale Shakers	2-Derrick FLC-504
Desander	Double life (2 - 10" cones)
Desilter	Double life (12 - 4" cones)
Degasser	NOV DG-ATM 460
Separator	5' x 16'
Trip Tank	100 barrels

## Structural

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Mast	Parco 142' 1,000,000 pounds static hookload on 12 lines
Substructure	Parco box on box 25' floor height

## Fluid Storage

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Diesel Tank	1-tank 20,960 gallon total capacity
Water Tank	2-tank 1,000 bbl total capacity

## Tubulars

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Drill Pipe  
Drill Collars

## Miscellaneous

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BOP Handling System	
Pipe Spinner	Gray Mark 10
Air Compressor	2-Sullivan 50 DGD-TE 50hp
Survey Instrument	OWI Explorer 1600 wireline unit