

## Hoisting and Rotating

Drawworks	National 110-UE (1,500 hp) powered by 2-GE 752 traction motors
Auxiliary Brake	Eaton 336 WCB
Rotary Table	Ideco 275-K with a 27-1/2" opening
Traveling Block	Lanzhou YC-450 (500 ton)
Top Drive	Canrig 1250AC (1,150 hp, 500 Ton, electric)
Rotating Mousehole	Access Oil Tools Phantom

## Power Package

Generators	3-Kato 1,204 kW powered by CAT-3512C equipped with CAT bi-fuel system
Control House	Omron 4 - SCR 3 -Gen

## Well Control

Annular	13-5/8" Horn Spherical 5,000 psi
Double Ram	13-5/8" Cameron Type U 10,000 psi
Single Ram	13-5/8" Cameron Type U 10,000 psi
Accumulator	Koomey 7 Station gallon capacity
Choke Manifold	4" x 2" 10,000 psi

## Mud System

Mud Pump 1	HongHua HHF-1600HL (1,600 hp) powered by 2-Yonge YZ08 traction motors
Mud Pump 2	HongHua HHF-1600HL (1,600 hp) powered by 2-Yonge YZ08 traction motors
Mud Line	5" Line, 7,500 psi system
Mud Pits	2-pit system (1,340 bbl) with 6 agitators 120 bbl premix pit built into suction
Shale Shakers	3-Derrick Hyperpool
Desander	Derrick DSV-10-2 (2 - 10" cones)
Desilter	Derrick S-412-S (12 - 4" cones)
Degasser	PSI
Trip Tank	110 barrels

## Structural

Mast	Pyramid 142' 840,000 pounds static hookload on 12 lines
Substructure	Pyramid box on box 25' floor height

## Fluid Storage

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

## Tubulars

Drill Pipe	5" G-105 and S-135
Drill Collars	7" , 8" ,9" nominal sizes

## Miscellaneous

Rig Moving System	Veristic Walking System (1200 ton)
BOP Handling System	JD Neuhaus (40 Ton)
Iron Roughneck	NOV ST-80
Pipe Spinner	OWI 357C
Air Compressor	2-Sullivan Palatek 50 DG hp
Survey Instrument	Fivestar surveyor wireline unit