

Rig 101

Hoisting and Rotating

Drawworks	Continental Emsco D-3 Type II powered by 2-GE 752 traction motors
Auxiliary Brake	Elmagco 6032 W
Rotary Table	Continental Emsco T-2750 with a 27-1/2" opening
Traveling Block	Lanzhou YC-315 (350 ton)
Swivel	Continental Emsco LB-400 (400 ton)

Power Package

SCR Generators	3-Kato 800 kW powered by CAT-D398TA
SCR House	Ross Hill 1400 3-SCR x 3-Gen

Well Control

Annular	11" Hydril GK 5,000 psi
Double Ram	11" HORN LWS DBL 5,000 psi
Single Ram	11" Horn Type HSU 5,000 psi
Accumulator	Koomey 8 Station
Choke Manifold	4" x 2" 10,000 psi

Mud System

Mud Pump 1	Continental Emsco FB-1300 (1,300 hp) powered by 1-GE 752 (HT) traction motor
Mud Pump 2	Continental Emsco FB-1300 (1,300 hp) powered by 1-GE 752 (Shunt) traction motor
Mud Pits	2-pit system (900 bbl) with 6 agitators 135 bbl premix pit built into suction
Shale Shakers	1-Derrick FLC-503
Desander	Derrick DSV-10-2 (2 - 10" cones)
Desilter	Derrick (12 - 2" cones)
Degasser	Swaco Vacuum
Separator	5' x 15'
Trip Tank	60 barrels

Structural

Mast	Continental Emsco 142' 800,000 pounds static hookload on 10 lines
Substructure	Continental Emsco box on box 22' floor height

Fluid Storage

Diesel Tank	1-tank 15,000 gallon total capacity
Water Tank	1-tank 500 bbl total capacity

Miscellaneous

Pipe Spinner	Gray Mark 10
Air Compressor	2-Sullivan 50 DG 50hp