

Unit Rig 126

Hoisting and Rotating

Drawworks	National 110-UE (1,500 hp) powered by 2-GE 752 traction motors
Auxiliary Brake	Elmagco 6032
Rotary Table	Lanzhou ZP-275 with a 27-1/2" opening
Top Drive	Canrig 1250 AC (1,150 hp, 500 Ton, electric)
Rotating Mousehole	Access Oil Tools Phantom

Power Package

Generators	3-Kato 1,204 kW powered by CAT-3512C
Control House	Omron 4 - SCR 3 -Gen

Well Control

Annular	13 5/8" Shaffer 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	Dongsu 6 Station gallon capacity
Choke Manifold	4" x 2" 10,000 psi

Mud System

Mud Pump 1	Texas First Industrial TFI-1600 (1,600 hp) powered by 2-Amerimex 752 traction motors
Mud Pump 2	Texas First Industrial TFI-1600 (1,600 hp) powered by 2-Amerimex 752 traction motors
Mud Line	5" Line, 7,500 psi system
Mud Pits	2-pit system (1,000 bbl) with 9 agitators 120 bbl premix pit built into suction
Shale Shakers	2-Derrick FLC-504
Degasser	Atmospheric
Separator	5' x 16'
Trip Tank	120 barrels

Structural

Mast	ZYZJ 147' 700,000 pounds static hookload on 12 lines
Substructure	ZYZJ box on box 26' floor height

Fluid Storage

Diesel Tank	1-tank 18,500 gallon total capacity
Water Tank	2-tank 1,200 bbl total capacity

Tubulars

Drill Pipe	5"
Drill Collars	, , nominal sizes

Miscellaneous

Rig Moving System	Veristic Walking System (1200 ton)
BOP Handling System	TFI DZ-500 (50 Ton)
Pipe Spinner	Gray Mark 10
Air Compressor	2-Sullivan 50 UD/50 DGHW-TE 50hp
Survey Instrument	Fivestar retriever wireline unit
Automated Catwalk	Canrig PC3000