

Rig 60 Inventory

Classification:

Mechanical 700 HP, rated to 10,500'

Drawworks:

TSM 7000 with a 324 Eaton auxiliary brake, powered by one 60 series Detroit engine with C/W Allison transmission and right angle gear box drive

Mast:

Cassady engineering 105' high 350,000 lb. hook load capacity mast

Substructure:

Cassady Engineering single box sub, 14' wide, 13'6" overall height, 11' clear height
Under rotary beams, 350,000 lbs. rotary load with 300,000 lb. setback capacity.

Pumps:

Two (2) Emsco Type F-1000(1000 HP), independently powered by D-398 Caterpillar engines.

Mud Tank System:

Two active tanks (620 capacity), one Vortex Fluid Systems double elliptical motion shale shaker, Motovario Max 2000 agitators, 2-cone desander, 16-cone desilter, mud hopper, atmospheric degasser.

Generators:

Two 60 series Detroit engines, powering Marathon 380KW generators with switch gear and controls, Mounted in an 11'6" wide, 40' long generator house.

Drill Line:

1 1/8", 6 x 19 IWRC

Rotary:

17 1/2" 250 tons with 17-1/2" opening

Block:

TSM 160-ton with 4 sheaves grooved for 1-1/8" drill line.
TSM 160-ton hook

Drill String:

4-1/2" X-95 16.60#/ft.
6-1/4" Drill Collars

Top Drive:

Warrior 250H14HR, 250 Ton

Blowout Preventer System:

Townsend Type 82, 11" X 3000 psi double ram BOP
Hydril GK 11" X 3000 psi annular BOP
3-1/8" X 5000 psi Barton Choke Manifold with adjustable and manual chokes with gas buster,
Massco 5 station accumulator with one triplex and two air pumps.

Catwalk:

Cassady Engineering Hydraulic catwalk 42" height

Auxiliary Equipment:

Toolpushers quarters	Handling tools for 4-1/2" pipe
Fire extinguishers	Pipe racks
10,000 gallon fuel tank	Air compressors
500 barrel water tank	Drill pipe spinners
Type B rotary tongs	Pipe Spinner