



## Rig 3

### 3000m Vertical

#### 13 Loads-Summer

#### 14 Loads-Winter

Draw works:	TSM 500 (500hp), Powered by 1-Detroit Series 60 (14L), w/6 speed Allison transmission. Auxiliary braking by Eaton 224 disc brake.
Mud Pump:	1- F-1000 triplex pump, powered by 1-Detroit Series 2000 (V-12-1005hp), w/ODR Pacific-Rim hydraulic clutch.
Substructure:	Hodgson Substructure. Hydraulic Self Leveling. KB-Ground 4.2m
Mast:	Hodgson Telescopic Range 3 Single Mast. Hydraulically raising (Max static hook load 133000 daN-8 lines)
Top Drive:	Warrior 150 Split Block Top Drive with 2-Speed Haglund and Electric HPU (Max Static Load 133000 daN). Also has 8000 daN pull down capability. Max rotary @ 180rpm Max torque at 25000ft/lbs
Table:	Howard Turner 17.5" (444mm) powered hydraulically-for auxiliary use only.
BOP's:	1-279mm X 21000kpa HEC Annular Preventer 2-279mm X 21000kpa HEC Single Gate Ram Preventers
Accumulator:	1-5 station 360L 21000kpa PLC OLD accumulator, with N2 backup system.
Mud Tanks:	1-50m <sup>3</sup> , 3 Compartment circulating system, with additional pill tank and trip tank. Agitator situated in suction tank, low pressure system powered by 2-5x6 Mission Magnum C-pumps.
Solids Control:	1-Swaco Mongoose Dual Motion Elliptical Shaker. Screen available to 200mesh
Water Tank/Doghouse:	Hydraulic raising system-separate sub-storage room. Pason drilling recorder system. 60m <sup>3</sup> useable water tank.
Combination Building:	2-540kw Stamford powered by 2-630hp Detroit Series 60 (14L) engines. Monitoring provided by a Woodward panel, which also synchronizes the two generators, and allows them to run in series. Also houses a 12man change shack, and a 14000L fuel storage tank.
Catwalk:	Hyduke Skate Catwalk, with hydraulic skate, and leveling racks attached. Also houses nace trim 52mm&76mm 21000kpa Manifold.
Pipe Tubs:	3-Hydraulically controlled range 3 tubs 1-Loader Accessable range 3 tub
Tubulars:	3000m 102mm-4 FH, X-95 Drill pipe 4-159mm-4 ½ XH, Drill Collars 8-127mm-3 ½ 1F, Drill Collars 25-102mm-4 FH, HWDP
Boiler:	1-100hp Saskatoon Boiler with self contained 10000L fuel and 8m <sup>3</sup> water tank.