



Rig 8

3500m Vertical

21 Loads (with matting and boiler)

Draw works:	TSM 7000 (850hp) Rated for 144000 daN, Powered by 1-Detroit Series 60 (14L), w/6 speed Allison transmission. Auxiliary braking by Eaton 324 disc brake.
Mud Pump:	2-F-1000 triplex pump, powered by 1-Detroit Series 2000 (V-12-1005hp), w/ODR Pacific-Rim hydraulic clutch. Rated for 35000kpa.
Substructure:	Hodgson Substructure. Hydraulic Self Leveling. KB-Ground 4.2m
Mast:	Hodgson Telescopic Range 3 Single Mast. Hydraulically raising (Max static hook load 144000 daN-8 lines)
Top Drive:	Warrior 175 Split Block Top Drive with 2-Speed Haglund and Electric HPU (Max Static Load 155000 daN). Also has 8000 daN pull down capability. Max TD rotary @ 180rpm Max torque @ 25000ft/lbs
Table:	Emsco Style 17.5" (444mm) powered hydraulically-for auxiliary use only.
BOP's:	1-279mm X 21000kpa HECI Annular Preventer 2-279mm X 21000kpa Townsend Type 82 Single Gate Ram Preventers
Accumulator:	1-5 station 460L 21000kpa PLC Control Drilling accumulator, with N2 backup system.
Mud Tanks:	1-65m ³ , 4 Compartment circulating system, with additional pill tank and trip tank. 2-Agitators situated in suction tanks, low pressure system powered by 2-5x6 Mission Magnum C-pumps, one with 14" impellor for pumping aerated mud systems.
Solids Control:	2-Derrick Hyperpool shale shakers-4.0m ³ /min Capacity.
Water Tank/Doghhouse:	Hydraulic raising system-separate sub-storage room. Pason drilling recorder system. 60m ³ useable water tank.
Combination Building:	2-540kw Stamford powered by 2-685hp Detroit Series 60 (14L) engines. Monitoring provided by a Woodward panel, which also synchronizes the two generators, and allows them to run in series.
Catwalk:	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 4-Loader Accessible range 3 tub
Tubulars:	3500m 114mm-4.5" CDS40 R3, G105 Drill pipe 10-159mm-4.5" XH, Drill Collars
Boiler:	1-125hp Hurst Boiler with self contained 8m ³ water tank.