RIG #7

144000 daN MAX HOOKLOAD
3500M VERTICAL DEPTH RATING
20 LOADS PLUS MATTING

41.0m
to front of boiler

30.20m
to front of lp

26.7m
to front of pump

14.0m
to front of sub

30.0m
to back of push shack

26.3m
to back of catwalk

23.9m
total width

55.0m
to back of flare tank
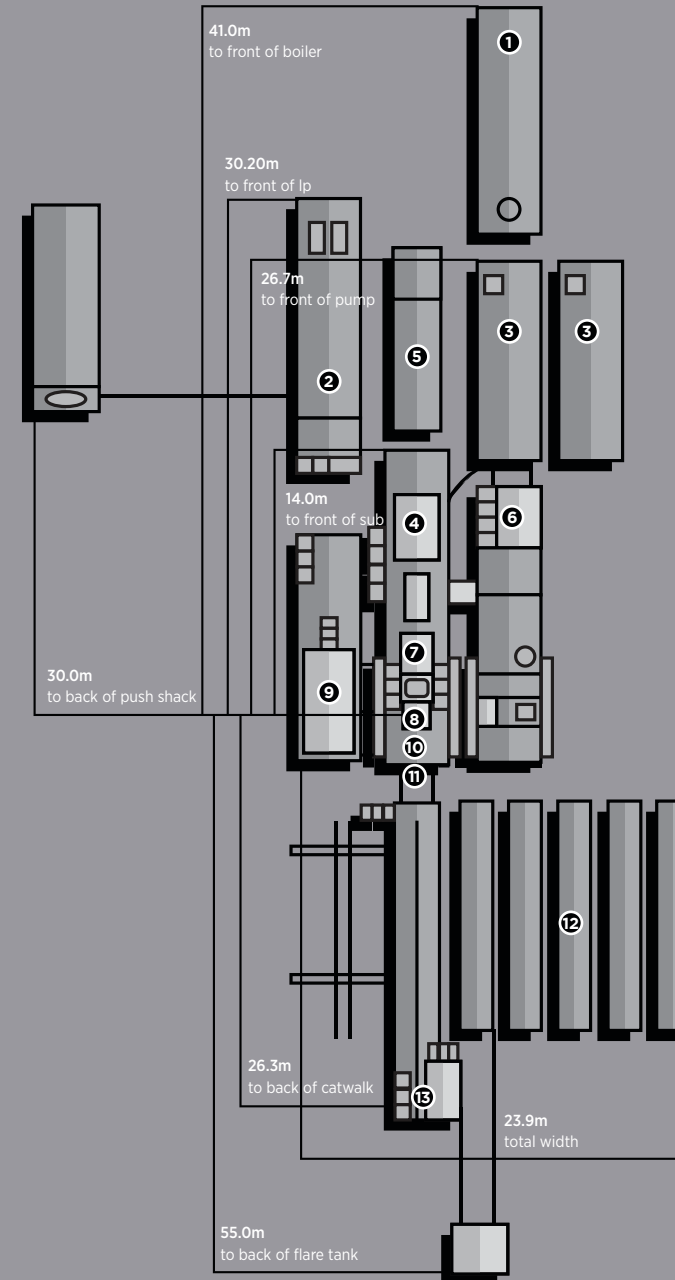
① **BOILER:**
1-125hp Hurst Boiler with self contained 8m³ water tank.

② **COMBINATION BUILDING:**
2-540kw Stamford generators powered by 2-685hp Detroit Series 60 (14L) engines. Monitoring provided by Woodward panel, which also synchronizes the two generators and allows them to run in series. Also houses TD HPU and 1-5 station 460L 21000kpa PLC Control Tech accumulator, with N2 backup system.

③ **MUD PUMPS:**
2-F-1000 Triplex Pumps, powered by Detroit Series 2000, w/ODR Pacific-Rim Hyd Clutch.

④ **MAST:**
Hodgson Telescopic Range 3 Single Mast. Hydraulically raising (Max static hook load 144000 daN-8 lines)

⑤ **CHANGE SHACK/FUEL TANK**
12 man change shack with 35000L TC-44 Fuel Tank

⑥ **MUD TANKS:**
1-75m³, 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. 1-Derrick FLC 504 – 3.5m³/min Capacity.

⑦ **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.

⑧ **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 @ 30000ft/lbs

⑧ **TABLE:**
Emsco Style 17.5" (444mm) powered hydraulically-for auxiliary use only.

⑨ **WATER TANK/DOGHOUSE:**
Hydraulic raising system-separate sub-storage room. Pason drilling recorder system. 60m³ useable water tank.

⑩ **SUBSTRUCTURE:**
Hodgson Substructure. Hydraulic Self Leveling. KB-Ground 4.3m

⑪ **BLOWOUT PREVENTERS:**
1-279mm X 21000kpa HEC Annular
2-279mm X 21000kpa HEC Single Gate Ram

⑫ **PIPE TUBS:**
3-Hydraulically controlled range 3 tubs
3-Loader Accessible range 3 tubs

TUBULARS:
3500m 114mm-4.5" DS40 R3, G105 Drill Pipe
10-159mm-4.5" XH, Drill Collars, HW Available

⑬ **CATWALK:**
Skate Catwalk, with hydraulic skate, and leveling racks attached. Also houses nace trim 52mm&76mm 21000kpa Manifold.