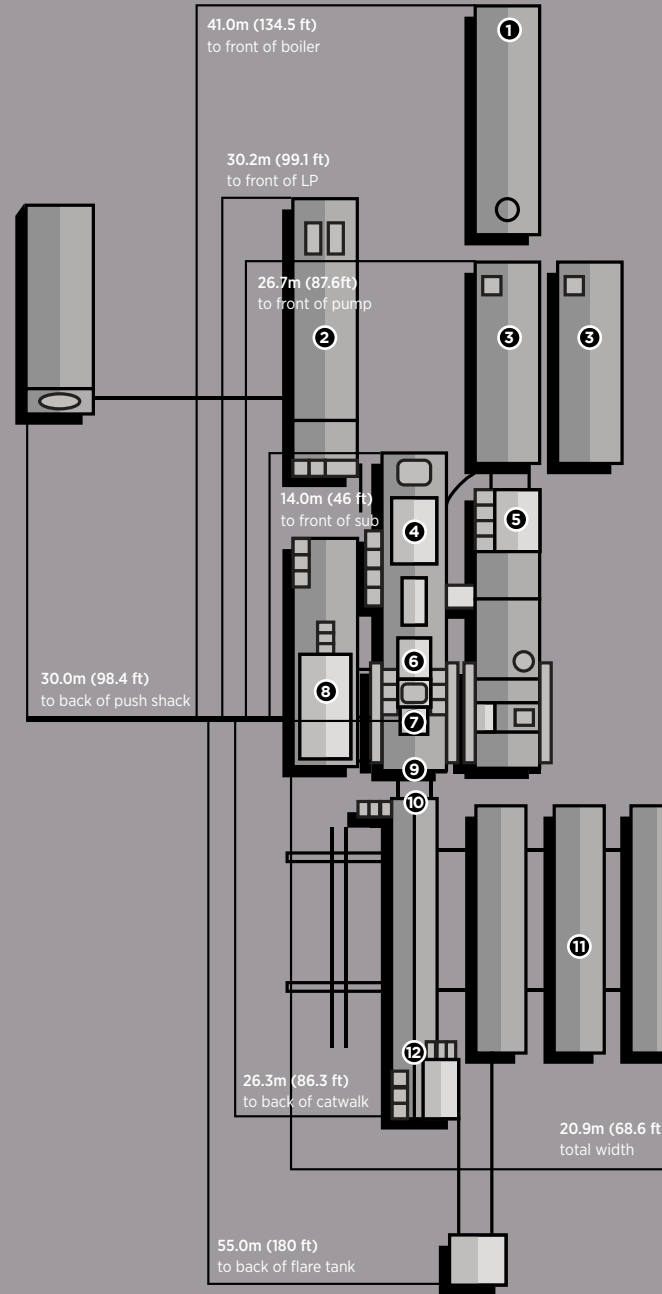


RIG #1

**89,000 DAN / 200,000 LBS
MAX HOOKLOAD**

**2,200M / 7,200'
VERTICAL DEPTH RATING**



- 1 BOILER:**
1 - 100hp Liberty Boiler with self-contained 10,000L (265 gal) fuel and 8m³ (2110 gal) water tank.
- 2 COMBINATION BUILDING:**
2 - 590kw Marathon Generators 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. Houses a 12 man change shack, and contains a 14,000L (3,700 gal) Fuel Tank.
- 3 MUD PUMP:**
1 - F-1000 triplex pump, powered by 1 - Detroit Series 2000, w/XDR Pacific-Rim hydraulic clutch.
- 4 MAST:**
Mascto Range 3 Elite Stiff Mast - hydraulically raising (Max static hook load 89,000 daN (200,000 lbs) - 8 lines).
- 5 MUD TANKS:**
1 - 50m³ (315 bbl), 3 Compartment circulating system, with additional pill and trip tank. Agitator situated in suction tank; low pressure system powered by 2 - 5 x 6 Mission Magnum C-pumps.
- 6 DRAW WORKS:**
TSM 3000 (400hp), Powered by 1 - Detroit Series 60 (14L), w/6 speed Allison transmission. Auxiliary braking by Eaton 124-disc brake.
- 7 TOP DRIVE:**
FDS 150T Split Block Top Drive with 2-Speed Haglund and Electric HPU (Max Static Load 133,000 daN (300,000 lbs)). Also has 8,000 daN (18,000 lbs) pull down capability. Max Speed @180rpm Max Torque @ 20,000ft/lbs.
- 7 TABLE:**
Howard Turner 17.5" (444mm) powered hydraulically-for auxiliary use only.
- 8 WATER TANK/DOGHOUSE:**
Hydraulic raising system-separate sub-storage room. Pason drilling recorder system. 60m³ (380 bbl) useable water tank.
- 9 SUBSTRUCTURE:**
Mascto Carrier with 24-wheel tridem Axel hydraulic self-leveling trailer-substructure (89,000 daN (200,000 lbs) Max Rotary Capacity, 80,000 daN (180,000 lbs) Max Setback Capacity) KB - Ground 4.0m (13').
- 10 BLOWOUT PREVENTERS:**
1 - 228.6mm X 21,000 kPa (9" x 3,000 psi) Steel-Tech TA Annular
2 - 228.6mm X 21,000 kPa (9" x 3,000 psi) Steel-Tech TGR Single Gate Ram
- 11 PIPE TUBS:**
3 - Hydraulically controlled range 3 tubs.
- TUBULARS:**
2200m (7,200') 102mm (4") x 4" FH, X-95 Drill pipe
4 - 159mm (6 1/4") x 4 1/2" XH, Drill Collars
8 - 127mm (5") x 3 1/2" IF, Drill Collars
Available - 102mm (4") x 4" FH, HWDP
- 12 CATWALK:**
Mascto Skate Catwalk, with hydraulic skate, and leveling racks attached. Also houses NACE trim 52mm & 76mm 21,000 kPa (2" x 3" 3,000 psi) manifold.

