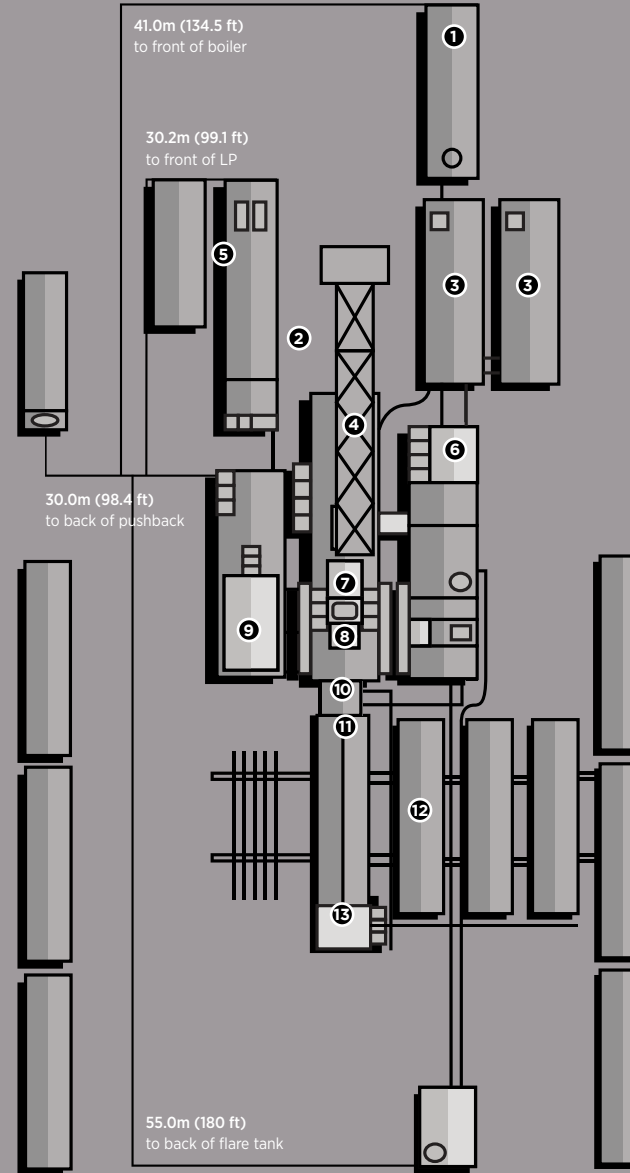


RIG #10

173,000 daN / 390,000 LBS
MAX HOOKLOAD

4,500M / 15,000'
VERTICAL DEPTH RATING



WELL CONTROL:

Class IV, 279mm x 35,000 kPa (11" x 5000 psi) Blow out Preventers with a Class V 79mm x 35,000 kPa (3" x 5,000 psi) double gut manifold and Cameron Type M3 Style chokes (adaptable to fit remote actuator). 36" Degasser with 10" vent line will be installed inside the main mud tank.

ACCUMULATOR:

1 - 5 station 460L 21,000 kPa (120 gal 3,000 psi) PLC Control Drilling accumulator, with N2 backup system.

- ① **BOILER:**
1 - 125hp Saskatoon Boiler with self-contained 8m³ (2,100 gal) water tank
- ② **COMBINATION BUILDING:**
2 - 540kw x 600V Stamford powered by 2 - 685hp Detroit Series 60 (14L) engines.
- ③ **MUD PUMPS:**
2 - F-1300 triplex pump, powered by 2 - Detroit Series 2000 (V16-1360hp), w/Pac-Rim Gear box and hydraulic clutch. Rated for 5,000 kPa (7,500 psi).
- ④ **MAST:**
Do-All Telescopic Range 2 Double Mast. Max static hook load 182,000 daN (410,000 lbs) - 10 lines. Racking board capacity 5,000m (16,400') x 4" Drill Pipe
- ⑤ **CHANGE SHACK/FUEL TANK:**
16 Man Change shack with 20000L (5283 gal) TC-44 fuel tank
- ⑥ **MUD TANKS:**
1 - Main Mud Tank 75m³ (450 bbl), 4 Compartment circulating system, with additional pill tank and trip tank. 2 - Agitators situated in suction tanks, low pressure system powered by 2 - 5 x 6 Mission Magnum C-pumps, one with 13" impellor for pumping aerated mud systems. Hydraulic Roof System included for Invert operation.
- ⑦ **DRAW WORKS:**
Do-All 850 Rated for 173,000 daN (390,000 lbs) 10 x 1 1/8" drill line. Powered by 1 - Detroit Series 60 w/6 speed Allison transmission. Auxiliary braking by Eaton 324-disc brake.
- ⑧ **TOP DRIVE:**
McKissick 250T Unified Block with CanRig Electric Top and Electric TDSU (Max Static Load 244600 daN). Max TD rotary @ 180rpm Max torque @ 30000ft/lbs. Watercourse rated for 7500psi (51.7mPa).
- ⑨ **TABLE:**
Emsco Style 17.5" (444.5mm) for auxiliary use only.
- ⑩ **WATER TANK/DOGHOUSE:**
Hydraulic raising system-separate sub-storage room. Pason drilling recorder system. 60m³ (400 bbl) useable water tank.
- ⑪ **SUBSTRUCTURE:**
Do-All Substructure. Hydraulic Self Leveling. KB-Ground 5.5m (18') with 24" risers. Max Static Hook-load 182,000 daN (410,000 lbs) with full setback
- ⑫ **BLOWOUT PREVENTERS:**
Class 4 BOP System (21mPa)
Class 4 BOP System (35mPa)
Class 5 BOP System
- ⑬ **PIPE TUBS:**
5 - Loader Accessible Range 2 tubs
- TUBULARS:**
500 - 114mm (4 1/2") - DS40, SS-105 Range 2 Drill pipe
80 - 114mm (4 1/2") - DS40 Range 2 Welded HWDP
20 - 159mm (6 1/2") x 4 1/2" XH, Range 2 Drill Collars
2 - 203mm (8") x 6 5/8" Reg Range 2 Drill Collars
- ⑬ **CATWALK:**
Do-All Hydraulic Skate Catwalk with hydraulic pipe racks. Hydraulically self-levelling catwalk.
- RIG MATS:**
18 - 8' X 40' 3 Runner Rig matting included in inventory
- SOLIDS CONTROL:**
2 - Brandt King Cobra shale shakers - 4.0m³/min (1,050 gpm) capacity-Adaptable slide to Dryer Shaker Possum Belly.