RIG #3

111,000 DAN / 250,000 LBS MAX HOOKLOAD

3,000M / 10,000' VERTICAL DEPTH RATING

41.0m (134.5 ft) to front of boiler

30.2m (99.1 ft) to front of LP

26.7m (87.6 ft) to front of pump

14.0m (46 ft) to front of sub

30.0m (98.4 ft) to back of push shack

26.3m (86.3 ft) to back of catwalk

20.9m (68.6 ft) total width

55.0m (180 ft) to back of flare tank

BONANZA DRILLING RIG 3
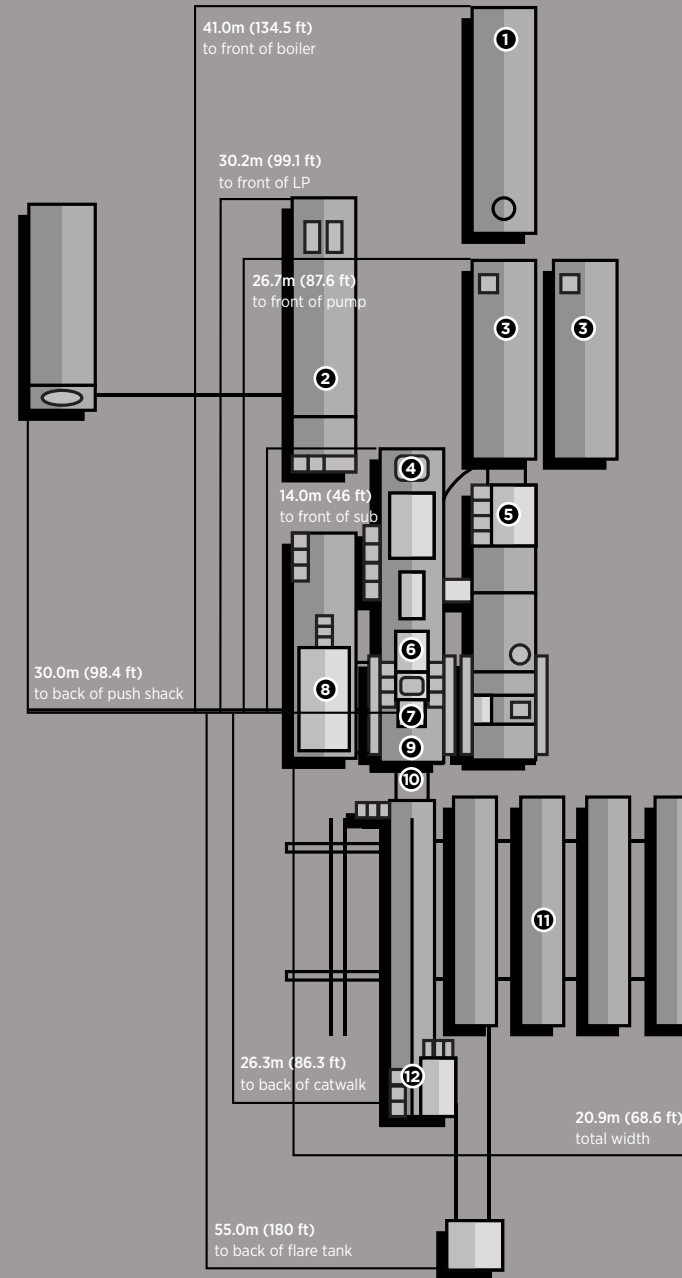
① BOILER:
1 - 100hp Hurst Boiler with self-contained 10,000L (2,600 gal) fuel and 8m³ (2110 gal) water tank.

② 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 12 man change shack, and a 14,000L (3,700 gal) fuel storage tank.

③ MUD PUMPS:
1 - F-1000 triplex pump, powered by 1 - Detroit Series 2000 (V-12-1005hp), w/XDR Pacific-Rim hydraulic clutch.

④ MAST:
Hodgson Telescopic Range 3 Single Mast. Hydraulically raising (Max static hook load 133,000 daN (300,000 lbs) - 8 lines)

⑤ MUD TANKS:
1 - 50m³ (315 bbl), 3 Compartment circulating system, with additional pill tank 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 500 (500hp), Powered by 1 - Detroit Series 60 (14L), w/6 speed Allison transmission. Auxiliary braking by Eaton 224-disc brake.

⑦ TOP DRIVE:
Warrior 150 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 rotary @160rpm Max torque at 25,000 ft/lbs

⑧ TABLE:
Howard Turner 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 (380 bbl) useable water tank.

⑩ SUBSTRUCTURE:
Hodgson Substructure. Hydraulic Self Leveling. KB-Ground 4.15m (14').

⑪ BLOWOUT PREVENTERS:
1 - 279mm X 21,000 kPa (11" x 3,000 psi) - HEC Annular Preventer
2 - 279mm X 21,000 kPa (11" x 3,000 psi) - HEC Single Gate Ram Preventers

⑪ PIPE TUBS:
3 - Hydraulically Controlled Range 3 tubs
1 - Loader Accessible Range 3 tub

TUBULARS:
3000m (9,800') 102mm (4") - 4 FH, X-95 Drill pipe
4 - 159mm (6 ¼") x 4 ½" XH, Drill Collars
8 - 127mm (5") x 3 ½" IF, Drill Collars
Available - 102mm (4") - 4 FH, HWDP

⑫ CATWALK:
Hyduke 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.