



SPOTTING DISTANCES		
DOGHOUSE - SUB	WALL - WALL	56"
MUDTANK - SUB	WALL - WALL	69"
DOGHOUSE - COMBO	WALL - WALL	228"
MUDTANK - PUMP 1	SKID - SKID	50"
PUMP 1 - PUMP 2	WALL - WALL	50"
CATWALK - SUB	SKID - SKID	150"
CATWALK - TUB 1	WALL - WALL	94"
TUB 1 - TUB 2	WALL - WALL	N/A
TUB 2 - TUB 3	WALL - WALL	N/A
HPU - LIGHTPLANT	N/A	N/A
<p align="center"><i>TUB 4 LOADER DOOR OUT BOILER MAY TURN 90° HPU MAY RUN INSIDE COMBO NO MOUSE OR RATHOLE REQUIRED</i></p>		
KB - GROUND	4.15m (13'-7")	
CELLAR CLEAR HEIGHT	3.59m (11'-9")	

ra hodgson industrial design ltd.



Rig 3

Inventory Listing

3,000m / 10,000' Vertical

15 Loads-Summer

16 Loads-Winter

Draw-works:	TSM 850, Powered by 1 - Detroit Series 60 (14L), w/6 speed Allison transmission. Auxiliary braking by Eaton 324-disc brake.
Mud Pumps:	2 - F1000 triplex pump, powered by 1 - Detroit Series 2000 (V12-1005hp), w/XDR Pacific-Rim hydraulic clutch. Rated for 34mPa (5,000psi)
Substructure:	Hodgson Substructure. Hydraulic Self Leveling. KB-Ground 4.15m (13'7"). Cellar Clear Height 3.59m (11'9")
Mast:	Hodgson Telescopic Range 3 Single Mast. Hydraulically raising (Max static hook load 133,000 daN / 300,000 lbs - 8 lines)
Top Drive:	Warrior 175T Split Block Top Drive with 2-Speed Haglund and Electric HPU (Max Static Load 155,000 daN / 350,000 lbs). Max rotary @ 160rpm Max torque at 25,000 ft/lbs
Table:	ZP175, 17.5" (444mm) powered hydraulically-for auxiliary use only.
BOP's:	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
Accumulator:	1 - 5 station 360L / 95 gal x 21,000kPa / 3,000 psi PLC OLD accumulator, with N2 backup system.
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.
Solids Control:	2 - Swaco Mongoose Dual Motion Elliptical Shaker. Screen available to 200 mesh.
Water Tank/Doghouse:	Hydraulic raising system-separate sub-storage room. Pason drilling recorder system. 60m3 / 380 bbl 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. Also houses a 12 man change shack, and a 14,000L / 3,700 gal fuel storage tank.
Catwalk:	Hyduke Skate Catwalk, with hydraulic skate, and leveling racks attached. Also houses Nace trim 52mm x 76mm x 21,000 kPa (2" x 3" x 3,000) psi Manifold.
Pipe Tubs:	3 - Hydraulically Controlled Range 3 tubs 1 - Loader Accessible Range 3 tub

Tubulars:

3000m / 9,800' - 114mm / 4 1/2" x DS40, G105 R3 Drill Pipe
12 - 159mm / 6 1/4" x 4 1/2" XH, R3 Drill Collars
8 - 127mm / 5" x 3 1/2" IF, R3 Drill Collars
Available - 114mm / 4 1/2" x DS40, R3 HWDP
Additional Tubular sizes/quantities available.

Boiler:

1 - 100hp Hurst Boiler with self-contained 10,000L / 2,600 gal fuel and 8m³ / 2110 gal water tank.