3000 HP POSTED BARGE RIG

DRILLING DEPTH RATING: 30.000'

LIGHTSHIP:

(Overall Average Draft)	7'
(Towing Height)	66.7'

BARGE DIMENSIONS, SPECIFICATIONS:

Length	230'
Beam	64'
Hull Depth	14'
Posted Deck Height	14'
Key Slot	40 X 10'
Main Deck to Rotary Pan	30'
Main Deck to Top of Rotary	35'
Main deck to Bottom of Trolley Beams	25'
Accommodations	60 bunks
Helipad	68' X 50'

CAPACITIES:

Potable water	63,000 gallon
Drill water	5,100 barrels
Fuel	75,000 gallon
Mud tank capacity:	1,810 barrels
Bulk Barite	4,000 sacks
Tear-Drop Bulk Barite	75 sacks

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Equipped for full zero discharge operations for work within environmentally sensitive areas.

DRAWWORKS:

-Continental Emsco C-3 Type II (3000 hp) w/15050 Elmago elec. brake, driven by (3) GE 752 elec. motors (3000 hp)

MUD PUMPS:

-(3) LEWCO W-2215 (2200 hp ea) pumps, each driven by (2) GE-752 Hi-Torque electric motors (1130 hp each) -7500 psi wp Working Pressure Mud System



MAST AND TRAVELING EQUIPMENT:

- 156' DSI cantilever mast, w/static hook load of 2,000,000 lbs
- 750T DSI 8 sheave crown grooved for 1 5/8" drill line
- 750T Traveling Block
- 750T CanRig Top Drive Unit (AC)
- 37 1/2" Rotary Table
- (1) 7500 psi wp Rotary Hose

WELL CONTROL EQUIPMENT:

- (1) 13 5/8" 5,000 psi Annular BOP
- (1) 13 5/8" 10,000 psi Cameron Type U Single Ram BOP
- (1) 13 5/8" 10,000 psi Cameron Type U Double Ram BOP w/
- LBSBTB blind shear rams
- (1) 13 5/8" 10,000 lb. Drilling Spool
- 240 gal. Koomey Accumulator and Closing Unit
- 10,000 psi Choke Manifold
- Note: Other BOP equipment available from stock

Note: equipment subject to client-specific requirements



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Rig 77 B



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MUD HANDLING/SOLIDS CONTROL:

- Shale Shaker
- Desilter
- (3) Derrick 10" Hypercyclone (20) Derrick 4" Hypercyclone Brandt DG-10
- Desander - Degasser
- Mud Agitators
- Mud Mixing Pumps
- (1) Brandt MA-25 + (4) MA-15 + (2) MA-5 (3) 6 X 8 centrifugal pumps w/100 HP motors
 - (2) Vortex shear hoppers equipped with dust recovery system
- POWER & ELECTRICAL SYSTEM:
- (4) D-3516 BHD Caterpillar (2150 hp) engines
- (4) KATO 1800 kw generator sets
- (5) Bay SIEMENS Digital SCR System

TUBULARS:

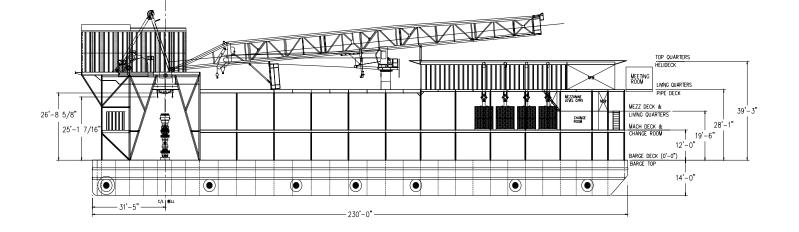
- 5" drill pipe w/handling tools,
- 15 joints of 5" Hevi-wate,
- 15 drill collars (8", 7 1/4", or 6 1/2" as available
- from Contractor's stock)

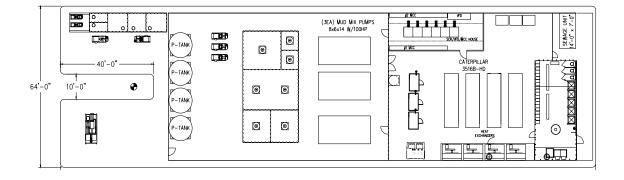
MISCELLANEOUS EQUIPMENT:

- (2) 30T cranes w/70' booms
- (2) 50 bbl trip tanks

(1) Derrick Primer shaker FLP 28/258 + (4) Derrick Hyperpool 4 Panel

- (2) Quincy Model 245-A compressors (rig air)
- (1) Quincy Model QSI 60 LP compressor (bulk air)
- (1) Ingersoll Rand cold start air compressor
- (1) 10' x 30' + (2) 12' x 30' cantilever deck Port Side
- (1) .092 Wireline unit
- (1) 950 Spin Master pipe spinner
- 90' Mouse Hole





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