

DRILLING DEPTH RATING:

Drilling 25,000' w/5" drill pipe

LIGHTSHIP:

(Towing Draft) 7'8"
 (Towing Height) 75'

BARGE DIMENSIONS, SPECIFICATIONS:

| | |
|----------------------------|--------------------------------------|
| Length | 214.5' |
| Beam | 72' |
| Hull Depth | 14' |
| Posted Deck Height | 14' |
| Key Slot | 20' x 45' |
| Main Deck to Rotary Pan | 40' |
| Main Deck to Trolley Beams | 38.8' |
| Accommodations | 86 bunks + Medical treatment room |

CAPACITIES:

| | |
|--------------------|---------------|
| Potable water | 892 barrels |
| Drill water | 4,256 barrels |
| Fuel | 1,902 barrels |
| Mud tank capacity: | |
| Active | 1,140 barrels |
| Reserve | 1,235 barrels |
| Trip Tank | 100 barrels |



| | |
|------------------|----------------------------|
| Bulk Storage: | 3x740 cu/ft 2x745 cu/ft |
| Surge tank | 1x70 cu/ft |
| Sack Storage | 300 K |
| (1) Slugging pit | 60 barrels |

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

DRAWWORKS:

- Oilwell E-3000 (3000 HP) with 7838 Elmago brake system w/(3) ea. GE-752 traction motors (1000 hp input each)

MUD PUMPS:

- (2) A1700 PT (1700 hp) Triplex pumps w/2 each GE-752 traction motors (800 hp input each)

MAST AND TRAVELING EQUIPMENT:

- Mast: 172' L.C. Moore Jack knife; 1,300,000 lb static hookload capacity on 14 lines
- Block: Oilwell 650 ton; (7) 60" sheaves for 1 1/2" drill line
- Crown: L.C. Moore 650 ton
- Substructure: 1,000,000 lbs. w/ 500,000 lbs setback capacity
- Rotary Table: Oilwell 37 1/2"
- Top Drive: CanRig; 650 ton capacity; Hi torque w/(1) ea GE-752 traction motor (900 hp input)

WELL CONTROL EQUIPMENT:

- 13 5/8" 5,000 psi Hydril GK annular preventer; 13 5/8" 10,000 psi Cameron double ram, Type U; 13 5/8" 10,000 psi Cameron single ram, Type U; 10,000 psi manifold

Note: Other BOP equipment available from stock



Note: equipment subject to client-specific requirements

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MUD HANDLING/SOLIDS CONTROL:

- Shale Shaker (4) Derrick Flo-Line Cleaners
- Mud Cleaner (2) Derrick High G Dryer
- Desander Derrick 10" x 2 cones
- Desilter Derrick 4" x 20 cones
- Degasser SWACO
- Mud Agitators (16)

POWER & ELECTRICAL SYSTEM:

- (1) Ross Hill SCR system, Model 1400
- (3) Diesel generator set EMDs Model MD 12645E8 w/ AB-20-6 brushless generators producing 600 V, AC each
- Caterpillar D-379 emergency generator w/SR-CR 480 VAC, 500 KW generator

TUBULARS:

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

MISCELLANEOUS EQUIPMENT:

- Unit Mariner 50' boom SWL 20 ton crane
- Sea King 60' boom, SWL 25 ton crane

