## Design
- BMC Pacific Class 400 Cantilever Jack-up

## Status
- Contracted

### MAIN DIMENSIONS
- **Length (Including helicopter deck):** 309’ (94.3 m)
- **Breadth (including anchor racks):** 224’ (68.4 m)
- **Hull Depth:** 28’ (8.5 m)
- **Leg Length:** 506’ (154.2 m)
- **Usable leg Length (below hull):** 441’ (134.4 m)
- **Spud Can Diameter:** 55.5’ (16.9 m)
- **Spud Can Area:** 2,915 ft² (270.8 m²)
- **Drilling Envelope:** 75’ aft and 15’ from center line
- **Gross Tonnage:** 14,000 tons
- **Helideck size / rating:** 84.6’ / CAP 437/ICAO/ S92

### DESIGN CRITERIA
- **Max. Operating Water Depth:** 375’ with 50’ air gap
- **Max. Rated Drilling Depth:** 45,000’

### STORAGE CAPACITY
- **Fuel Oil:** 3,998 bbls (635.6 m³)
- **Drill Water:** 5,060 bbls (804 m³)
- **Potable Water:** 3,544 bbls (563.4 m³)
- **Liquid Mud:** 4,176 bbls (663.8 m³)
- **Bulk Mud:** 3 x 346 bbl
- **Bulk Cement:** 3 x 346 bbl
- **Sack Storage:** 5,000 sacks

### MAX GROSS VARIABLE LOAD
- **While Drilling:** 2,721 tons / 5,999 kips
- **Jacking or Towing:** 1,200 tons / 5,000 kips
- **Hook Load:** 680 tons / 1,499 kips

### ACCOMMODATION
- **Total:** 45,000

### POWER EQUIPMENT
- **Main Engines:** Five (5) units of CAT3515CHD 2, 150 bhp, Radiator cooling, total HP, 10,750HP
- **Main Generators:** Five (5) x Kato 6P6-3300, 1720 eKW at 50 deg C ambient

### MOORING SYSTEM
- **Anchors:** Four (4) each 6 metric tons
- **Anchor Wire:** Four (4) each, 915 m x 38mm diameter steel wire rope
- **Anchor Winches:** Four (4) x Mentread each 31.75 metric-ton at 60/’min (low speed), 12 metric tons at 12 n/min (high speed) and 63.5 metric tons brake holding static at 1st layer

### DRILLING EQUIPMENT
- **Drawworks:** NOV ADS-10T, 3000 hp
- **Derrick:** NOV Derrick - 1,500,000lb static hook load with 14 lines, 160’ clear height, 35’ x 35’ base, well center 5’ offset aft of derrick center line.
- **Crown Block:** NOV
- **Traveling Block:** NOV 760TB-750, 750 short-ton
- **Top Drive:** NOV TDS 8-5A, 750 tons, 1,150hp with max torque 96,000 ft·lb
- **Iron Roughneck:** 2 x NOV ST-100 Pipe range 4”-9 ¾”, Max make up torque 100K ft·lb
- **Max break out torque 120K ft·lb

### BOP & DIVERTER EQUIPMENT
- **Diverter:** KFDJ-500 suitable for 49-1/2” rotary table. 2x12” NB overboard line
- **BOPs:**
  - 13-3/8” CAMERON BOP Stack 10,000 psi
  - 13-3/8” 10,000psi DL Annular
  - 13-3/8” 10,000psi Single UM BOP
  - 13-3/8” 10,000psi Double UM BOP
- **BOP Control System:** CAMERON & CAD BOP control system 15 gal x 62 bottles. 3000 psi max work pressure
- **BOP Crane:** Two (2) EHS75 ton JDN neuheus 75 tons air operated trolley winches

### MUD CIRCULATION SYSTEM
- **Mud Pumps:** Two (2) NOV 14 P-220, 2200hp, 7500 psi
- **Shale Shakers:** Five (5) VSM 300 shakers, VFD driven, 1600 gpm capacity each
- **Mud Cleaner:** One (1) NOV Brandt 24/3 , 1500 gpm capacity installed on one of the shaker
- **Degassers:** One (1) NOV Brandt desander 3 x10 ”
- **Desilter:** One (1) NOV Brandt desilter 24 x 4”
- **Centrifuge:** Space and provision available for two Brandt H-2072

### OTHER EQUIPMENT
- **Cementing Unit:** Client Provided
- **Cranes:** Three (3) diesel driven Baker Marine 2250 48MT cranes
- **Water Maker:** Two (2) ALFA LAVAL waste heat type water makers , 45 tons/day each with 2x electroheat 300 kw electric heater for ALFA LAVAL water maker
  - 1x AQUA CHEM vapor compression type water maker, 35 ton/day

### ANTI-POLLUTION EQUIPMENT
- **Sewage Treatment:** One (1) Plant for 150 persons
- **Garbage Compaction:** One (1) Unit
- **Oily Water Separator:** One (1) unit

### SURVIVAL EQUIPMENT
- **Life Boats:** Three (3) x 75 person
- **Life Rafts:** Six (6) x 25 person (total 150 person capacity)
- **Fast Rescue Boat:** One (1) x 6 person
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