### General Information

<table>
<thead>
<tr>
<th>Design:</th>
<th>Marathon Letourneau Class 82-SDC</th>
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</thead>
<tbody>
<tr>
<td>Builder:</td>
<td>Marathon Letourneau, Brownsville Tx.</td>
</tr>
<tr>
<td>Year Built:</td>
<td>Delivery 1979</td>
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<tr>
<td>Class:</td>
<td>ABS A-1 Self-Elev. MODU code 1979</td>
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</table>

**Principal Dimensions:**
- Length: 207 ft
- Breadth: 176 ft
- Depth: 20 ft
- Legs: 3 x 360 ft
- Leg Spacing: 122 ft Longitudinal, 120 ft Transverse
- Spud Can Diameter: 40 ft
- Cantilever Envelope: Aft reach 47 ft with 7 ft pin on extension x port/stb 10 ft

**Operating Parameters:**
- Design Water Depth: 250 ft
- Drilling Depth Rating: 20,000 ft
- Design Criteria: IMO, SOLAS, & MARPOL

**Maximum Allowable Loads**
- Variable Deck Load: 2,569 kips (Includes Drilling Load)
- Static Hook Load: 1,000,000 lbs
- Setback: 450,000 lbs
- Rotary: 750,000 lbs
- Max Cantilever Load: 1,000,000 lbs

### Drilling Package

#### Drilling Equipment

**Derrick:** Pyramid 160’ x 30’ X 30’ w/Static hook load capacity of 1,000,000 lbs.

**Drawworks:** National Type 1320-UE driven by two (2) EMD 750 DC with a Baylor brake.

**Rotary Table:** NOV 37-1/2 in

**Top Drive:** NOV TDS-3S

**Crown Block:** NOV 750 ton

**Traveling Block:** NOV 500 ton

**Mud Pumps:**
- 2 x NOV 12-P-160, 1600 hp,
- 2 each 6” x 8” X 100hp charging pumps.

**Shale Shakers:**
- 2 x Derrick Flow Line Cleaner
- 1 x Brandt King Cobra 16/2 Mud Conditioner
- 1 x Brandt DG-12 degasser.

### Storage Capacities

<table>
<thead>
<tr>
<th>Fuel:</th>
<th>2,287 bbls</th>
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<tbody>
<tr>
<td>Drill Water:</td>
<td>6,612 bbls</td>
</tr>
<tr>
<td>Potable Water:</td>
<td>983 bbls</td>
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<tr>
<td>Liquid Mud:</td>
<td>2,786 bbls</td>
</tr>
<tr>
<td>Bulk Mud/Cement</td>
<td>8,500 cu ft</td>
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<tr>
<td>Sack Material:</td>
<td>2,870 sacks</td>
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### Power System

**Main Power:**
- 3x EMD 16-645-EI
- 1950 hp @ 900 rpm engines with EMD 2100 KW Generators.

**Power System:**
- LER Controls with four (4)
  - 1,800 amp each and 750 volts.

**Emergency Power:**
- 1x Emergency Generator rated at 1500 KW with 1 Cat 3516C engine.

### Hoisting Equipment

**Cranes:**
- 3x Letourneau PCM-120-AS full revolving electric deck cranes with 100’ boom length. Maximum capacity 50 tons at 25’.

### Well Control System

**BOP:**
- 13-5/8” 1x Shaffer annular preventer, 5,000# WP, H2S trim.
- 13-5/8” 1x Cameron Type “U”, 10,000 psi WP double ram preventer, H2S trim.
- 13-5/8” 1x Cameron Type “U”, 10,000 psi WP single ram preventer, H2S trim.

**BOP Handling:**
- Two (2) Ingersoll Rand 25 ton.

### Additional Data

**Accommodations:**
- 84 berths

**Helideck:**
- Rated for: Sikorsky S-61N