

# ENSCOROWAN

## ROWAN GORILLA VII

LeTourneau Technologies Super Gorilla Class Jack-Up

Year in Service: 2001

Life Enhancement: N/A



### ■ CAPACITIES

Maximum Drilling Payload:  
12,252,000 lbs.

Rotary Load:  
2,000,000 lbs.

Setback Load:  
1,000,000 lbs.

Liquid Mud:  
5,575 bbls

Sand Traps:  
618 bbls

Bulk Cement:  
11,220 cu. ft.

Bulk Barite:  
11,220 cu. ft.

Pipe Storage (Main):  
5,500 sq. ft. x 7ft. high

Pipe Storage (Cantilever):  
3,500 sq. ft. x 7ft. high

Covered Sack Storage:  
2,307 sq. ft.

Potable Water:  
1,454 bbls

Drill Water:  
29,584 bbls (incl. combo tanks)

Diesel Fuel:  
7,227 bbls

Base Oil:  
1,737 bbls

### ■ DRILLING EQUIPMENT

Derrick:  
170 ft. Woolslayer 40 ft. X 40 ft.

Travelling Block:  
National Oilwell Model 1000, Capacity:  
2,000,000 lbs.

Drawworks:  
National Oilwell 2040 UDBE

Drill Line:  
1-3/4"

Prime Movers:  
(5) Caterpillar 3608 @ 3,395 hp

Cementing Equipment:  
Halliburton HCS Advantage Skid

Cranes:  
(4) LeTourneau PCM-350 SS and (1) LeTourneau PCM-120 SS

Top Drive/Power Swivel:  
National PS 650/750 with (2) GE 752 High  
Torque Electric Motors 2,200 hp with (2)  
motors

Crown Block:  
Woolslayer, Capacity: 2,000,000 lbs.

Auxiliary Brake:  
Baylor 15050

Rotary:  
National Oilwell D495

Emergency Generator  
(1) Caterpillar 3608 @ 3,395 hp

Torque Wrench/Spinner:  
(1) Varco AR 3200 with SSW-50 Spinning  
wrench

### ■ PRIMARY RIG CHARACTERISTICS

Maximum Water Depth:  
400 ft.

Leg Length:  
607 ft.

Hull Length:  
306 ft.

Hull Width:  
300 ft.

Hull Depth:  
36 ft.

Gear Unit Height:  
47 ft.

Maximum Drilling Depth:  
35,000 ft.

Longitudinal Leg Centers:  
189 ft.

Transverse Leg Centers:  
218 ft.

Hook Load:  
2,000,000 lbs.

Cantilever Skid Out:  
100 ft. aft of transom

Substructure Travel:  
20 ft. transverse to port or  
starboard

Mud System Max. Pressure:  
7,500 psi

Quarters Accommodations:  
120 persons

Heliport - can accommodate:  
Sikorsky S-61N / EH-101 /  
Boeing BV234LR Chinook

*Changes / modifications to the above listed equipment could occur.*

*Maximum Water Depth denotes the designed rating, pending site specific assessment.*

*Should you have specific questions, please contact the Marketing Department at: [marketing@enscorowan.com](mailto:marketing@enscorowan.com)*



## ■ WELL CONTROL

**Diverter:**  
ABB Vetco Gray KFDJ Model "J" 2K psi

**Annular:**  
(1) 18 3/4", 10k

**BOP:**  
(2) Cameron-18-3/4", 15k Type TL Double, B.O.P. w/ (3) 1/16" 15k outlets

**Choke Manifold:**  
(24) Cameron 3-1/16" Type FLS gate valve, 15k psi, H2S trimmed – Manual  
(1) Cameron 3-1/16" type FLS gate valve, 15k psi, H2S trimmed – Hydraulic  
(1) Cameron 3-1/16" type FLS 10k gate valve, psi, H2S trimmed

**Control Unit:**  
3K psi BOP control unit (80) 15 gal. bottles w/ reservoir tank 1,200 gals. (2) Triplex Pumps with 100 hp motors

## ■ MUD SYSTEMS

**Mud Pumps:**  
(4) Continental Emsco Pumps Model: FC-2200

**Mud Pits:**  
5,294 bbls

**Mud Mixing Pumps:**  
(4) Halco 2500 Supreme, 2,200 gpm per pump

**Shale Shakers:**  
(4) Axiom AX-1 triple deck shakers

**Desanders:**  
N/A

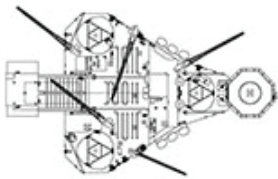
**Desilters:**  
N/A

**Degasser:**  
Derrick Vacu-Flo, 1,200 gpm

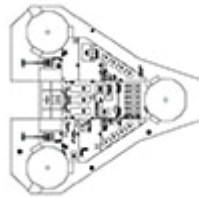
**Mud Processing Pumps:**  
(4) Halco 2500 Supreme

**Maximum Pressure:**  
7,500 psi

## ■ GENERAL ARRANGEMENTS



MAIN DECK



MACHINERY DECK



SIDE PROFILE