

# BANBA

Rev02\_July 2023



## GENERAL INFORMATION

<b>Rig Type</b>	Jack Up, Marathon LeTourneau 82 SD-C
<b>Rig Design</b>	Conventional, Self-elevating independent legs, cantilever drill floor
<b>Accommodation Capacity</b>	118
<b>Helideck</b>	Sikorski S-61N, 9.3 ton max load
<b>Hull Dimensions (length, width, depth)</b>	207.33 ft x 176 ft x 20 ft
<b>Min/Max Water Depth</b>	13 to 250 ft
<b>Max Drilling Depth</b>	16,150 ft
<b>Cantilever Max Load</b>	1,000,000 lbs
<b>Rotary Reach</b>	47 ft longitudinal; 10 ft transverse either side of Centerline
<b>Legs length / leg length below hull</b>	360.33 ft (including spudcans) / 304 ft
<b>Spudcan Diameter / bearing area</b>	40 ft / 1,256.64 ft <sup>2</sup>
<b>VDL (Operating) / VDL (Transit)</b>	5,000 kips / 3,934.39 kips
<b>Jacking System</b>	LeTourneau AC electric rack and pinion system, 20 each leg, 1.5ft/min speed

## DRILLING EQUIPEMENT

<b>Derrick</b>	<b>Make - L x W x H</b>	Continental Ensco – 160 ft x 30 ft x 30 ft
	<b>Max. Hook Load</b>	800,000 lbs with 14 lines strung
	<b>Racking capacity</b>	16,000 ft – 169 stands 5”DP
	<b>Setback load</b>	450 kips
<b>Top Drive</b>	<b>Make Model</b>	VARCO TDS 4H
	<b>Output Power</b>	1,130 hp
	<b>Rated Capacity</b>	1,300 kips, 59,000 ft-lbs Low Gear / 32,500 ft-lbs High gear
<b>Drawworks</b>	<b>Make Model</b>	NATIONAL 1320-UE
	<b>HP Rating</b>	2,000 hp
	<b>Brakes</b>	Elmagco 7838 with battery Back up
<b>Torque Wrench</b>	NOV ST-100 Iron Roughneck	
<b>Rotary Table</b>	National C-375, 37-1/2” with 800 hp electric drive, 650 ton rated capacity	
<b>Travelling Block</b>	National 760-H-650, 650 ton rated capacity, 60” sheaves with 1-1/2” line groove	

**WELL CONTROL SYSTEM**

<b>Diverter</b>	30" MSP 1000 psi
<b>Annular</b>	Shaffer Spherical BOP 13-5/8" x 5,000 psi
<b>BOP</b>	2 x T3 Type U 13-5/8" x 10,000 psi
<b>BOP Outlets</b>	2 x 4-1/16" side outlets each DBL
<b>BOP Control System</b>	T3 /1B603608B15T33A-P-API, 682 US gal reservoir, 3000 psi Regulated to 1500 psi system working pressure, 360 US gal Accumulator Capacity without precharge
<b>Choke Manifold</b>	T3 10,000 psi H2S service

**MUD SYSTEM**

<b>Mud Pumps</b>	<b>Number x Make Model</b> <b>HP Rating</b> <b>Max Pressure</b>	3 x NATIONAL 12-P-160 Triplex 1,600 hp each pump 5,000 psi
<b>Shale Shakers</b>	4 x VSM 300, double deck with scalping	
<b>System max pressure</b>	7,500 psi	
<b>Degasser</b>	Brandt DG 12, 28.5 gpm	

**CRANES**

<b>Crane 1 (Port - Aft)</b>	LeTourneau PCM120AS, 100 ft boom, 45.3T SWL at 78°
<b>Crane 2 (Port - Fwd)</b>	LeTourneau PCM120AS, 120 ft boom, 38.7T SWL at 79°
<b>Crane 3 (Stbd)</b>	LeTourneau PCM120AS, 100 ft boom, 45.3T SWL at 78°

**POWER GENERATION**

<b>Main Engines</b>	3 x EMD 645E9B diesel engines, 6,915 hp total
<b>Generators</b>	3 x NOV Baylor Mod AB-21-6-5023 generators
<b>Emergency</b>	1 x GMDD 550 hp

**STORAGE CAPACITY**

<b>Fuel</b>	1,480 bbl	<b>Potable Water</b>	1,729 bbl
<b>Drill Water</b>	5,421 bbl	<b>Bulk Mud</b>	3,440 ft <sup>3</sup>
<b>Liquid Mud</b>	1,617 bbl	<b>Bulk Cement</b>	3,877 ft <sup>3</sup>
<b>Brine</b>	0 bbl	<b>Bulk Barite</b>	3,877 ft <sup>3</sup>
<b>Base Oil</b>	2,896 bbl	<b>Sack Room</b>	5,000 sacks

**TUBULARS**

<b>Drill pipes</b>	<ul style="list-style-type: none"> <li>13,103 ft / 416 jt x 5" DP XT50 Range 2</li> <li>15,780 ft / 501 jt x 5" DP NC50 Range 2</li> </ul>	<ul style="list-style-type: none"> <li>1,570 ft / 50 jt x 4" DP XT 39 Range 2</li> </ul>
<b>HWDP</b>	<ul style="list-style-type: none"> <li>40 jt x 5" HWDP XT50 Range 2</li> <li>43 jt x 5" HWDP NC50 Range 2</li> </ul>	<ul style="list-style-type: none"> <li>53 jt x 4" HWDP XT39 Range 2</li> <li>25 jt x 3-1/2" HWDP NC38 Range 2</li> </ul>
<b>Drill Collars</b>	<ul style="list-style-type: none"> <li>10 jt x 9-1/2" DC 7-5/8" REG Range 2</li> <li>36 jt x 8-1/4" DC 6-5/8" REG Range 2</li> </ul>	<ul style="list-style-type: none"> <li>36 jt x 8-1/4" DC 6-5/8" REG Range 2</li> <li>9 jt x 4-3/4" DC NC38 Range 2</li> </ul>