

AXIMA

Rev02_April 2024



GENERAL INFORMATION

Rig Type	Jack Up, Marathon LeTourneau Super 116E
Rig Design	Cyber, Self-elevating independent legs, cantilever
Accommodation Capacity	108
Helideck	Sikorski S-61N and S-92, 73 ft x 73 ft, 20,500 lbs max load
Hull Dimensions (length, width, depth)	243.08 ft x 222 ft x 26 ft
Min/Max Water Depth	15.4 to 350 ft
Max Drilling Depth	30,000 ft
Cantilever Max Load	1,500,000 lbs
Rotary Reach	72 ft longitudinal; 15ft transverse either side of Centerline
Legs length / leg length below hull	477 ft (including spudcans) / 420 ft
Spudcan Diameter / bearing area	46 ft / 1,550 ft ²
VDL (Operating) / VDL (Transit)	5,986 kips / 3,824 kips
Jacking System	LeTourneau AC electric rack and pinion system, 20 each leg, 1.5ft/min speed

DRILLING EQUIPEMENT

Derrick	Make - L x W x H	Loadmaster – 170 ft x 35 ft x 35 ft
	Max. Hook Load	1,500,000 lbs with 12 lines strung
	Racking capacity	28,000 ft – 314 stands 5-1/2”DP
	Setback load	850,000 lbs
Top Drive	Make Model	VARCO TDS 8SA with GEB-20 AC Motor
	Output Power	1,150 hp
	Rated Capacity	750 ton, 62,500 ft-lbs max continuous torque, 270 rpm max speed
Drawworks	Make Model	LEWCO LDW 1500K-102
	HP Rating	4,500 hp AC
	Brakes	Eaton 348
Torque Wrench	2 x NOV ST-80 Iron Roughneck (Well Center and Offline)	
Rotary Table	NOV, 49-1/2” with hydraulic drive, 750 ton rated capacity	
Travelling Block	NOV, 750 ton rated capacity, 68” shaves with 1.75” line groove	

WELL CONTROL SYSTEM

Diverter	ABB Vetco KFDJ 49-1/2" x 500psi
Annular	1 x Hydrill latch head 13-5/8" x 5,000 psi
BOP	Cameron UII 13-5/8" x 10,000 psi (1 double : BSR, VBR, 1 single : PR)
BOP Outlets	2 x 4-1/16" side outlets each DBL
BOP Control System	CADD / Electro Hydraulic, 850 US gal reservoir 3000 psi Regulated to 1500 psi system working pressure Accumulator Capacity without precharge: BOP 330 US gal (70 x 25 US gal bottles) Diverter 60 US gal (4 x 15 US gal bottles)
Choke Manifold	NOV 15,000 psi

MUD SYSTEM

Mud Pumps	Number x Make Model HP Rating Max Pressure	3 x LEWCO 2215 Triplex 2,200 hp each pump 7,500 psi
Shale Shakers	4 x VSM 300, double deck with scalping	
System max pressure	7,500 psi	
Degasser	2 x Brandt DG 12, 28.5 gpm	

CRANES

Crane 1 (Port - Fwd)	LeTourneau 220 SS, 140 ft boom, 59T SWL at 74.2°
Crane 2 (Port - Aft)	LeTourneau 120 SS, 120 ft boom, 38T SWL at 80.5°
Crane 3 (Stbd)	LeTourneau 120 SS, 120 ft boom, 38T SWL at 80.5°

POWER GENERATION

Main Engines	5 x Caterpillar 3516 B-HD, 2,500 hp
Generators	5 x Kato, 600V, 2,150 hp at 1,200 rpm continuous power max rating
Emergency	1 x Caterpillar 3512B, Max 1,478 hp at 1,200 rpm

STORAGE CAPACITY

Fuel	2,119 bbl	Potable Water	1,659 bbl
Drill Water	13,957 bbl	Bulk Mud	0 ft ³
Liquid Mud	5,056 bbl	Bulk Cement	6,100 ft ³
Brine	682 bbl	Bulk Barite	6,100 ft ³
Base Oil	1,068 bbl	Sack Room	5,000 sacks

TUBULARS

Drill pipes	560 jt x 5-1/2" S135 Range 2 DP GPDS55, 21.9 lb/ft		
HWDP	43 jt x 5-1/2" FH HWDP Range 2 GPDS55		
Drill Collars	<ul style="list-style-type: none"> 3 jt x 9-1/2" DC 7-5/8 REG 27 jt x 8-1/4" DC 6-5/8 REG 	<ul style="list-style-type: none"> 27 jt x 6-3/4" DC 4-1/2 IF 23 jt x 4-3/4" DC 3-1/2 IF 	