



La Muralla IV

RIG SPECIFICATIONS



GENERAL		PRINCIPAL DIMENSIONS	
Built	: 2012	Length overall (LOA)	: 390ft (119m)
Class	: DNV	Breadth	: 317ft (96m)
Minimum Water Depth	: 32ft	Variable Load	: 19.600kips (8,890mt)
Maximum Water Depth	: 10,000ft (3,048m)	Helideck	: Sikorsy S-92 and S-61N
Drilling Depth	: 35,000ft (9,140m)		
Accommodation	: 200		
DRILLING EQUIPMENT		WELL CONTROL	
Derrick	: AKMH Hi Pro – Quad Drilling Unit 2,000,000lbs (907mt)	BOP Ram Preventors	: Cameron TL 18 ¾” 6 RAM, 15k
Drawworks	: Wirth GH4500	Annular Preventors	: 2x Cameron DL 18 ¾” 10k
Top Drive	: MH DDM1000 2,000kips hoisting (907mt) 2x 1,150HP (2x 846kW)	Diverter	: Hydrill G/A
Rotary Table	: Wirth 60 ½” (1,54m)	Wellhead Connector	: Cameron EVO 15k
Tubular handling	: AKMH Racking system	Riser	: Aker Clip 21”OD (0.53m) – 75 ft (22,9m)
Offline Capability	: Offline Stand Building Arm/HRN	Tensioners	: 6x MH DATs Max Total Tension Applied at Ring 3,500kips 50ft stroke (1,590mt 15m)
Compensator	: AKMH Crown Mtd (incl. Act Heave)	Kill & Choke Manifold	: Cameron, 3 1/16” – 15k
Compensated	: 1,000 kips (454mt)	Mud Gas Separator	: MI Swaco
Static	: 2,000 kips (907mt)	(Poor Boy)	: 16.7ft mud seal height (5,1m)
		Degasser	: 2x MI Swaco CD1400
STORAGE CAPACITIES		MUD SYSTEM	
Potable water	: 8,365 bbl (1,330m³)	Mud pumps	: 4x Wirth TPK, 2,200HP ea (1,618kW ea)
Diesel Fuel	: 20,611 bbl (3,277m³)	Pressure Rating	: 7,500psi (517 bar)
Drill Water	: 16,895 bbl (2,686m³)	Shale shakers	: 6x MI Swaco BEM 650
Brine	: 4,750 bbl (755m³)		
Bulk Barite /Bentonite	: 21,900 cuft (620m³)		
Bulk Cement	: 9,900 cuft (280m³)		
Sack material	: 6,000 sacks		
Base Oil	: 4,720 bbl (750m³)		
Liquid mud active	: 6,380 bbl (1,014m³)		
Liquid mud reserve	: 11,160 bbl (1,774m³)		
		MPD SYSTEM	
		System spec’s	: AFG Type II, 19.25” bore, MWP 3,000 psi Max Load 3.5Mlbs – Ncontrol system
		STATION KEEPING	
		Dynamic Positioning	: Converteam DP3 DNV DYNPOS AUTRO (DP Class 3)
		Thrusters	: 8x Flowserve WFSB; 3,500 kW each
POWER		CRANES	
Main Engines	: 8x Caterpillar C-3616 6,785 HP ea (5,060 kW ea)	Deck Crane	: 2x Liebherr BOS-4200; 80mt (Prt/Strbrd)
Main Generators	: 8x 4,700kW ea	Pipe Deck	: Knuckleboom 15mt
Emergency Power	: 1x MAN D284LE 450 kW	Riser Gantry	: 2 x 20mt
Emergency Generator	: 1x Leroy Somer	X-mas tree handling	: 2x 100mt