

# Noble Duchess

## General

Rig Type	Drillship				
Rig Design	Monohull drill ship / Conversion 1975				
Builder	Northrup-Grumman				
Year Built/Upgraded	1975				
Classification	ABS +A1, Drilling Unit, +AMS, CRC				
Flag	Liberia				
MODU Code	1979				
Water Depth	1,000 ft				
Drilling Depth	25,000 ft				
Variable Deck Load	25,474 kips				
Hook Load	1,000 kips				
Setback Capacity	426 kips				
Quarters Capacity	120				
Draft (Operating/Transit)	24 ft / 24 ft	Moonpool	24 ft x 16 ft (oval)		
Depth	43 ft	Length	484 ft	Breadth	83 ft



## Equipment

Derrick	Lee C Moore; 160 ft
Drawworks	National Oilwell 1625 DE
Top Drive	MH DDM 650 HY; 40,700 ft-lbs @ 130 RPM fts, 30,400 ft-lbs @ 173 RPM fts
Rotary	National C-495 - 49-1/2 in
Iron Roughneck	Aker Marine MH-1898MK-1
Motion Compensator	NL Shaffer Model – DSC-25-600-SL
Riser Tensioner/Stoke	(6) Western Gear D305608 (LH) & D305606 (RH); 80 kips
Riser Details	HMF 21 in OD x 19 1/4 in ID x 50 ft
LMRP	(1) Shaffer Integrated Double Anular 8-3/4 in x 5 psi annular
BOP	Shaffer SL; 4 ram; 18-3/4 in x 10k psi
Control System	Koomey T26240-35
Pipe Handling Systems	LC Moore Manual Racking Platform/BJ Type V single lower arm
Solids Control System	(3) Swaco BEM 650 Shale Shakers/Desander/Mud cleaner/2 Centrifuges
Diverter	Regan KFDS 3 49 1/2 in Rotary 47 in ID
Tree Storage/Handling	NA
Cranes	Bucyrus Erie MK 35 32.2 MT
Mud Pumps	(2) National 12P-160; 1,600 HP
Engines	(2) EMD 12-645-E8; (4) EMD 16-645-E8
Station Keeping	8 point conventional mooring
Thrusters	N/A

## Capacities

Fuel	9,522 bbls	Brine Storage	N/A
Drill Water	23,628 bbls	Base Oil Storage	1,000 bbls
Bulk Storage	15,397 cu ft	Liquid Mud (Active+Reserve)	5,470 bbls
Sack Storage	8,835 sacks		