

Noble Piet van Ede

Jack-up drilling unit

Owner	Noble Drilling, UK
Builder	CNIM, France
Delivered	1982

Description

Three-legged cantilever jack-up drilling unit, GustoMSC type CJ46.

Classification

Det Norske Veritas
 ✕1A1 Self-elevating drilling unit

Main dimensions

Length hull	55.4 m
Breadth hull	62.0 m
Depth hull	7.5 m
Design draft	4.0 m

Survival conditions

Water depth	64.0 m
Air gap	16.8 m
Wave height	23.0 m
Current	1.2 m/s
Wind speed	42.5 m/s
Spudcan penetration	4.0 m

Main tank capacities

Fuel oil	572 m ³
Drill water	827 m ³
Potable water	176 m ³
Preload	7,280 m ³
Liquid mud	366 m ³
Bulk mud	120 m ³
Bulk cement	120 m ³

Variable and combined load

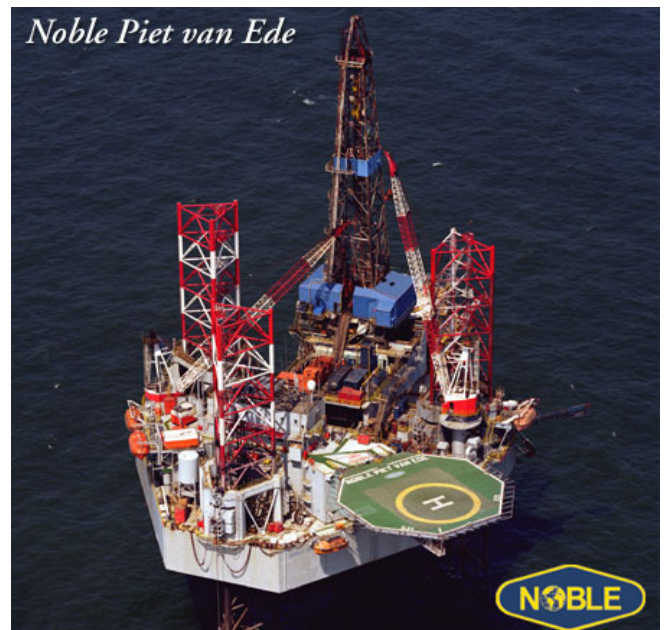
Variable load up to	2,475 t
Combined drilling load:	
• Survival	220 t
• Operating	570 t

Legs

Leg length	104.3 m
Leg diameter	10.0 m
Spudcan area	105 m ²

Jacking system

Number of pinions	36
Make	BLM
Type	B88



Fixation system

Make	GustoMSC
Type	5000

Cantilever system

Type	classic
Longitudinal reach	12.19 m
Transverse reach	3.66 m

Accommodation

80 persons

Drilling equipment

Drilling depth	7,620 m
Derrick	160 ft - 1,000 kips
Draw works	2,000 hp
Top drive	1,100 hp
Mud pumps	3 x 1,600 hp
BOP 1	13 ⁵ / ₈ " , 10,000 psi
BOP 2	21 ¹ / ₄ " , 2,000 psi

Machinery/ equipment

Main generator sets	4 x 1,085 kW
Deck cranes	2 x 50 t

GustoMSC services

GustoMSC provided the basic design package, including DNV approval.

Data presented in this product sheet is for information only. Unit specific specifications as provided by the Owner shall prevail.

The Netherlands

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