

# Noble Sam Croft

## General

Rig Type:	Drillship
Rig Design:	Gusto P10000
Builder:	Hyundai Heavy Industries
Year Built / Upgraded:	2014
Classification:	DNV +1A1, Ship Shaped Drilling Unit, DYNPOS-AUTR, BIS, EO
Flag:	Liberia
MODU Code:	2009

## Ratings & Dimensions

Water Depth:	10,000 ft
Drilling Depth:	40,000 ft
Length:	752 ft
Breadth:	118 ft
Depth:	61 ft
Draft (Operating/ Transit):	36 ft / 36 ft
Moonpool:	115 ft x 41 ft
Variable Deck Load:	44,092 kips
Hook Load:	2,500 kips on main hoist; 1,500 kips on auxiliary hoist
Setback Capacity:	3,500 kips
Racking Capacity:	DP 375 at 141 ft, casing 84 at 141 ft, HWPD 20 at 135 ft, BHA 30 at 120 ft
Quarters Capacity:	210

## Capacities

Fuel:	42,848 bbls
Drill Water:	2,526 bbls
Liquid Mud:	14,586 bbls
Brine Storage:	7,915 bbls
Base Oil Storage:	1,204 bbls
Bulk Storage:	14,690 cu ft
Sack Storage:	10,000 sacks



## Equipment

Derrick:	NOV DDBN; 80 ft x 60 ft x 210 ft; 1,250 st main & 750 st aux
Drawworks:	AHD-1250; 9,000 hp main / SSGD-750, 4,500 hp aux
Top Drive:	NOV TDX-1250; 150,000 ft-lbs @ 130 RPM fts
Rotary:	NOV Model RST-755; 75-1/2 in Main, NOV Model RST-605; 60-1/2 in Aux
Iron Roughneck:	NOV ST-160C; 140,000 / 160,000 ft-lbs. m/u / b/o torque
Motion Compensator:	NOV-CMC; 1,000 kips compensated/2,500 kips locked; 25 ft stroke
Riser Tensioner / Stroke:	(14) NOV SWRT-250-50; 250 kips/ea; Wire line travel of 50ft
Riser Details:	NOV-Shaffer-FT-H; 133 joints 75 ft complete; 50 ft, 40 ft, 30 ft, 20 ft, 10 ft, 5 ft pulp joints
BOP:	NOV Shaffer NXT; 6 ram; 18-3/4 in x 15k psi
LMRP:	(2) NOV Shaffer SL 18-3/4 in x 10 psi annulars
Control System:	NOV Shaffer MUX System
Pipe Handling System:	NOV (2) HydraRacker-model HR-IV-ER w/ 30 kips lifting capacity
Solids Control System:	(6) NOV-Brandt VMS-MS Shakers, NOV-Brandt-VMS-MS1 Mud Cleaner w/ sander and desilter capability
Diverter:	NOV-Shaffer-CSO; 75.5 in x 1K psi w/ 21.5 in packer element working pressure
Tree Storage/ Handling:	NOV; (2) 264 kips Xmas storage Tree Trolley, (1) 882 kips Xmas Tree trolley to move Xmas trees well center w/capacity to hang off casing, (2) 33 kips Xmas tree bridge crane
Cranes:	(1) NOV - OC4475RCE 165T, (3) NOV - OC4000KCE 100 T
Mud Pumps:	(4) National 14-P-220; 2,200 HP
Engines:	(6) Himsen 16H32/40v w/8,000Kw per engine, W/6 generator with rating of 7,600Kw per generator at 0.8 power factor
Station Keeping:	Kongsberg DP3 K-Pos DP22 (Main) & DP12 (Backup)
Thrusters:	Rolls Royce (6) 5,000kw-DP3-fully retractable and maintainable Thruster



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