

# Noble Sam Hartley

## General

Rig Type:	Jackup
Rig Design:	Friede & Goldman JU3000N
Builder:	Jurong Shipyard
Year Built / Upgraded:	2014
Classification:	ABS +A1, Self Elevating Drilling Unit
Flag:	Liberia
MODU Code:	2009

## Ratings & Dimensions

Water Depth:	400 ft
Drilling Depth:	35,000 ft
Length:	231 ft
Breadth:	277 ft
Depth:	31 ft
Leg Length:	489 ft
Leg Spacing:	150 ft / 156 ft
Draft (Operating/ Transit):	27 ft / --
Cantilever Envelope:	75 ft x 30 ft; 3,000 kips
Variable Deck Load:	14,300 kips
Hook Load:	2,500 kips
Setback Capacity:	1,675 kips
Quarters Capacity:	150

## Capacities

Fuel:	5,185 bbls
Drill Water:	11,255 bbls
Liquid Mud:	7,847 bbls
Brine Storage:	2,213 bbls
Base Oil Storage:	2,213 bbls
Bulk Storage:	18,000 cu ft
Sack Storage:	5,000 sacks



## Equipment

Derrick:	NOV Bolted Single Static Bottleneck; 40 ft x 45 ft x 210 ft; 2,500 kips
Racking Capacity:	Pipe capacity, @ 102 ft DP finger board, 266 Stds 6 5/8 DP. Casing Capacity @ 102 ft CSG finger board, 24 Stds 13-3/8 in, or 72 Stds 9-5/8 in, 7-5/8 in or 7 in
Drawworks:	NOV - SSGD-1250-6900-100-10.5
Top Drive:	NOV TDX-1000; 91,500 ft-lbs @ 116 RPM fts, 35,270 ft-lbs @ 250 RPM fts
Rotary:	NOV - RST-495; 49-1/2 in
Iron Roughneck:	NOV ST-160; 140,000 / 160,000 ft-lbs. m/u / - b/o torque
BOP:	Cameron TL; 4 ram; 18-3/4 in x 15k psi w/ Shaffer 18-3/4 in x 10k psi annular
LMRP:	N/A
Control System:	Cameron
Pipe Handling System:	NOV Vertical column Racker PRS-6is
Solids Control System:	(5) VSM 300 Thule shakers/20 cone desilter/ 3 cone Desander
Diverter:	GE Vetco KFDJ; 1000 psi
Cranes:	(3) NOV - OC3000LCE 75 T, (1) PC1891KCE Knuckle boom 5.5 T
Mud Pumps:	(3) National 14-P-220; 2,200 HP
Engines:	(5) Caterpillar C-175-16
Jacking System:	Friede & Goldman VFD-850. 18 pinions per leg.



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