

RIG 45 - INTERNALLY GUYED SINGLE

Max Depth Capacity: 2,800 m

Class II / III

MAST

Mast Type	<i>Stiff Single</i>	Drill Line Size (mm)	25.4
Mast MFG	<i>CARE Industries</i>	Number of Lines	4
Static Hook Load (daN)	66,700	3:1 Capacity (daN)	55,800
Mast Clear Height (m)	21.9	2:1 Capacity (daN)	83,600
Racking Cap.-88.9mm (m)	2,100	Sandline Size (mm)	12.7 (3,000 m Max)
Racking Cap.-73.0mm (m)	2,500	Racking Cap.-60.3mm (m)	2,800

Hoisting Service Line API Specification for EIPS 6 x 26 is:

3 : 1 Safety factor hoisting; 2 : 1 Safety factor pulling on stuck pipe and similar infrequent operations.

INTERNAL GUYED COMPONENTS

Rig Beam MFG	<i>CARE Industries</i>	Geronimo Plate MFG	<i>CARE Industries</i>
Turnbuckles MFG	<i>CARE Industries</i>		

CARRIER

Carrier MFG	<i>CARE Industries</i>	Drawworks Drive	<i>CAT C11</i>
Drawworks Model	<i>ALCO 42X10</i>	Drive Rating (kW)	261
Rated Power (kW)	261	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size (mm)	1,067 x 254	Sandline Drum Brake Size (mm)	965 x 203
Auxiliary Brake	<i>Kobelt 1,016 mm Disc</i>		

OVERHEAD EQUIPMENT

Block Type	<i>McKissick 75T</i>	Block Capacity (daN)	66,700
Bails Type	<i>King Oil Tools 150T</i>	Bail Capacity (daN)	133,400
Rod Hook Type	<i>O'Bannon 25T</i>	Rod Hook Capacity (daN)	22,200
Tbg Elevator Type	<i>Mud King / AOT</i>	Tbg Elevator Size (mm)	60.3 to 88.9
Rod Elevator Type	<i>Mud King Plate Type</i>	Rod Elevator Size (mm)	19.1 To 25.4

HANDLING EQUIPMENT

Tbg Tongs Type	<i>Gill 58-93</i>	Tbg Tongs Size (mm)	60.3 to 88.9
Rod Tongs Type	<i>Gill 300</i>	Rod Tongs Size (mm)	19.1 to 25.4
Rod Backoff Tool Type	<i>BJ</i>	Rod Backoff Tool Size (mm)	15.8 to 25.4
Air Slips Type	<i>C</i>		

BOPs (NACE)

Annular MFG	<i>HRSB</i>	Pressure Rating & Size	34,500 kPa, 179 mm
Double Gate MFG	<i>HRSB</i>	Pressure Rating & Size	34,500 kPa, 179 mm
Kill Spool Pressure Rating & Size			34,500 kPa, 179 mm c/w 50.8 mm Outlet and Valve
Safety Valve Pressure Rating & Size			34,500 kPa, 73.0 mm & 88.9 mm
Hydraulic Regan Pressure Rating & Size			21,000 kPa, 76.2 mm (Type - K)

ACCUMULATOR

Class II			
Accumulator MFG	<i>Control Technology</i>	Max Operating Pressure (kPa)	21,000
Accumulator Vol. (l)	76	# of Stations	2

ACCUMULATOR

Class III

Accumulator MFG	<i>Control Technology</i>	Max Operating Pressure (kPa)	21,000
Accumulator Vol. (l)	151	# of Stations	3

SAFETY EQUIPMENT

Fire Extinguisher Size (qty)	13.6 kg (4)	Gas Detector	Yes
SCBA Quantity	2 w/ Spare Bottle	LEL Monitor	Yes
Self Retracting Lifeline (qty)	2	Crown Saver	Yes
Tension Limiter	Yes	Pipe Ram Saver	Yes

MOBILE DOGHOUSE

Generator Sets	<i>Yanmar</i>	Prime Rating (kW)	40
Change Room Size (m)	4.57 x 2.85	Bathroom Facilities	Yes
Generator House Size (m)	4.57 x 2.85		

MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	<i>Freightliner 2007</i>	Mud Pump Drive	<i>CAT C11</i>
Pump MFG & Model	<i>SJ Petro 300</i>	Pump Drive Rating (kW)	261
Pump Rated Power (kW)	261	Pump Pressure (kPa)	34,500
Pump Stroke Length (mm)	127	Centrifugal Pump Size (mm)	101 x 76
Manifold Valve Quantity	7	Transmission	<i>Allison 4500 RDS</i>
Manifold Rating (kPa)	34,500	# of Tank Compartments	2
Total Tank Volume (m ³)	34	Line Pipe Rating (kPa)	34,500

MISCELLANEOUS EQUIPMENT (OPTIONAL)

Low Lying Slips Type	<i>Bosch</i>	Low Lying Slips Size (mm)	<i>As Required</i>
Personal H ₂ S Monitor	<i>As Required</i>	NORM Radiation Monitor	<i>As Required</i>
Catwalk	<i>Conventional</i>	Pipe Racks	<i>As Required</i>
Drill Out Head (mm)	<i>As Required</i>	Mud Can	<i>As Required</i>
Skid Boiler (kW)	60		

Standard specifications represent the typical rig configuration, but could be subject to slight modifications from time to time due to customer requirements.