

# RIG 23 - INTERNALLY GUYED DOUBLE

Max Depth Capacity: 12,450'

Class III

## MAST

Mast Type	<i>Telescopic Double</i>	Drill Line Size	1"
Mast MFG	<i>CARE Industries</i>	Number of Lines	6
SHL - Externally Guyed (lb)	200,000	3:1 Capacity (lb)	180,500
SHL - Free Standing (lb)	180,000	2:1 Capacity (lb)	270,700
Mast Clear Height	105'	Sandline Size	1/2" (13,780' Max)
Racking Cap. (3-1/2")	12,450'		

**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 (hp)	385
Rated Power (hp)	450	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size	42" x 10"	Sandline Drum Brake Size	38" x 8"
Auxiliary Brake	<i>Kobelt 40" Disc</i>		

## OVERHEAD EQUIPMENT

Block Type	<i>McKissick 100T</i>	Block Capacity (ton)	100
Bails Type	<i>Oil Country 150T</i>	Bail Capacity (ton)	150
Rod Hook Type	<i>Trico 25T</i>	Rod Hook Capacity (ton)	25
Tbg Elevator Type	<i>BVM / AOT / Mud King</i>	Tbg Elevator Size	2-3/8" to 3-1/2"
Rod Elevator Type	<i>Mud King Plate Type</i>	Rod Elevator Size	3/4" to 1"

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Gill 58-93</i>	Tbg Tongs Size	2-3/8" to 3-1/2"
Rod Backoff Tool Type	<i>BJ</i>	Rod Backoff Tool Size	5/8" to 1"
Air Slips Type	<i>C</i>		

## BOPs (NACE)

Annular MFG	<i>HRSB</i>	Pressure Rating & Size	5,000 psi, 7-1/16"
Double Gate MFG	<i>IEI</i>	Pressure Rating & Size	5,000 psi, 7-1/16"
Kill Spool Pressure Rating & Size			5,000 psi, 7-1/16" c/w 2" Outlet and Valve
Safety Valve Pressure Rating & Size			5,000 psi, 2-7/8" & 3-1/2"
Hydraulic Regan Pressure Rating & Size			3,000 psi, 3" (Type - K)

## ACCUMULATOR

<b>Class III</b>			
Accumulator MFG	<i>Control Technology</i>	Max Operating Pressure (psi)	3,000
Accumulator Vol. (US gal)	40	# of Stations	3

### SAFETY EQUIPMENT

Fire Extinguisher Size (qty)	30 lb (4)	Gas Detector	Yes
SCBA Quantity	2 w/ Spare Bottle	LEL Monitor	Yes
Self Retracting Lifeline (qty)	2	Pipe Ram Saver	Yes
Tension Limiter	Yes	Crown Saver	Yes

### MOBILE DOGHOUSE

Generator Sets	Isuzu	Prime Rating (hp)	53.6
Change Room Size	15' x 9'-8"	Bathroom Facilities	Yes
Generator House Size	15' x 9'-8"		

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2007	Mud Pump Drive	CAT C11
Pump MFG & Model	SJ Petro 300	Pump Drive Rating (hp)	350
Pump Rated Power (hp)	350	Pump Pressure (psi)	5,000
Pump Stroke Length	5"	Centrifugal Pump Size	4" x 3"
Manifold Valve Quantity	7	Transmission	Allison 4500 RDS
Manifold Rating (psi)	5,000	# of Tank Compartments	2
Total Tank Volume (bbl)	214	Line Pipe Rating (psi)	5,000

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

Rod Tongs Type	M50	Rod Tongs Size	As Required
Low Lying Slips Type	Bosch	Low Lying Slips Size	As Required
Personal H <sub>2</sub> S Monitor	As Required	NORM Radiation Monitor	As Required
Catwalk	Conventional	Pipe Racks	As Required
Drill Out Head	As Required	Mud Can	As Required
Skid Boiler (hp)	80		

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