

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'		

Drill Line API Specification for EIPS 6 x 26 is:

3 : 1 Safety factor drilling; 2 : 1 Safety factor running casing or stuck pipe.

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>Tool Pusher 125T</i>	Bail Capacity (ton)	125
Rod Hook Type	<i>O'Bannon 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>API</i>	Pressure Rating & Size	5,000 psi, 7-1/16"
Double Gate MFG	<i>Townsend</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

Class III

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 ₂ 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.