

# RIG 38 - 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)	<i>200,000</i>	3:1 Capacity * (lb)	<i>180,500</i>
SHL - Free Standing (lb)	<i>180,000</i>	2:1 Capacity * (lb)	<i>270,700</i>
Mast Clear Height	<i>105' / 95' **</i>	Sandline Size	<i>9/16" (13,780' Max)</i>
Racking Cap. (3-1/2")	<i>12,450'</i>		

\* Drill Line API Specification for EIPS 6 x 26 is:

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

\*\* Mast Clear Height can be adjusted from 105' to 95'.

## 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>Skytop 42X10</i>	Drive Rating (hp)	<i>385</i>
Rated Power (hp)	<i>450</i>	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size	<i>42" x 10"</i>	Sandline Drum Brake Size	<i>38" x 8"</i>
Auxiliary Brake	<i>Kobelt 40" Disc</i>		

## OVERHEAD EQUIPMENT

Block Type	<i>McKissick 100T</i>	Block Capacity (ton)	<i>100</i>
Bails Type	<i>Oil Country 150T</i>	Bail Capacity (ton)	<i>150</i>
Rod Hook Type	<i>O'Bannon 25T</i>	Rod Hook Capacity (ton)	<i>25</i>
Tbg Elevator Type	<i>Big "D" / Gearench</i>	Tbg Elevator Size	<i>2-3/8" to 3-1/2"</i>
Rod Elevator Type	<i>Trico Plate Type</i>	Rod Elevator Size	<i>3/4" to 1"</i>

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Oil Country 58-93</i>	Tbg Tongs Size	<i>2-3/8" to 3-1/2"</i>
Air Slips Type	<i>C</i>		

## BOPs (NACE)

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

## ACCUMULATOR

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

### 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	Crown Saver	Yes
Tension Limiter	Yes	Pipe Ram Saver	Yes

### MOBILE DOGHOUSE

Generator Sets	Isuzu	Prime Rating (hp)	53.6
Change Room Size	15' x 9'-4"	Bathroom Facilities	Yes
Generator House Size	15' x 9'-4"		

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2009	Mud Pump Drive	Mercedes MBE 4000
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"	Bowie Pump Size	4"
Manifold Valve Quantity	7	Transmission	Allison 4000 RDS
Manifold Rating (psi)	5,000	# of Tank Compartments	2
Total Tank Volume (bbl)	200	Line Pipe Rating (psi)	5,000

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

Rod Tongs Type	M50	Rod Tongs Size	As Required
Rod Backoff Tool Type	BJ	Rod Backoff Tool 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.*