

# RIG 52 - FREE STANDING SLANT

Max Depth Capacity: 8,530'

Class II

## MAST

Mast Type	<i>Slant</i>	Drill Line Size	<i>7/8"</i>
Mast MFG	<i>CARE Industries</i>	Number of Lines	<i>4</i>
SHL - Vertical (lb)	<i>125,000</i>	3:1 Capacity (lb)	<i>96,500</i>
SHL - Slant (lb)	<i>110,000</i>	2:1 Capacity (lb)	<i>144,700</i>
Mast Clear Height	<i>70'</i>	Racking Cap. (2-3/8")	<i>8,530'</i>

**Drill 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.**

## FREE STANDING COMPONENTS

H Base MFG	<i>CARE Industries</i>	Geronimo Plate MFG	<i>CARE Industries</i>
Load Beam MFG	<i>CARE Industries</i>	Trunnion Arm MFG	<i>CARE Industries</i>

## CARRIER

Carrier MFG	<i>CARE Industries</i>	Drawworks Drive	<i>CAT C11</i>
Drawworks Model	<i>Hulkster 400-D</i>	Drive Rating (hp)	<i>385</i>
Rated Power (hp)	<i>350</i>	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size	<i>38" x 8"</i>	Pull Down Winch Capacity (lb)	<i>35,000</i>

## OVERHEAD EQUIPMENT

Block Type	<i>Skytop 75T</i>	Block Capacity (ton)	<i>75</i>
Bails Type	<i>Adams Steel 75T</i>	Bail Capacity (ton)	<i>75</i>
Rod Hook Type	<i>Trico</i>	Rod Hook Capacity (ton)	<i>25</i>
Tbg Elevator Type	<i>Option Industries</i>	Tbg Elevator Size	<i>2-3/8" to 4-1/2"</i>
Rod Elevator Type	<i>Trico / Mud King</i>	Rod Elevator Size	<i>5/8" to 1-1/8"</i>

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Oil Country CH-58</i>	Tbg Tongs Size	<i>2-3/8" to 4-1/2"</i>
X-Celerator Type	<i>C-Tech X-300</i>	X-Celerator Capacity (lb)	<i>16,000</i>
Air Slips Type	<i>C</i>	Power Swivel Cart Cap. (ton)	<i>45 to 85</i>

## BOPs (NACE)

Double Gate MFG	<i>Boss</i>	Pressure Rating & Size	<i>5,000 psi, 7-1/16"</i>
Kill Spool Pressure Rating & Size			<i>3,000 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

### Class II

Accumulator MFG	<i>Control Technology</i>	Max Operating Pressure (psi)	<i>3,000</i>
Accumulator Vol. (US gal)	<i>20</i>	# of Stations	<i>2</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
		Pipe Ram Saver	Yes

### MOBILE DOGHOUSE

Generator Sets	Yanmar	Prime Rating (hp)	53.6
Change Room Size	15' x 9'-4"	Bathroom Facilities	Yes
Generator House Size	15' x 9'-4"	Wi-Fi Hotspot Booster	Yes

### EQUIPMENT TRUCK WITH PICKER

Crane MFG & Model	Hiab 200C	Crane Lifting Capacity (lb)	9,196
Truck MFG & Model	Freightliner M2		

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2013	Mud Pump Drive	Detroit DD13
Pump MFG & Model	GD TEE 4 x 5	Pump Drive Rating (hp)	410
Pump Rated Power (hp)	165	Pump Pressure (psi)	3,000
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)	200	Line Pipe Rating (psi)	5,000

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

Tbg Rotator Type	Option Industries	Tbg Rotator Size	As Required
Rod Tongs Type	M50	Rod Tongs Size	As Required
Rod Backoff Tool Type	Oil Country	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
Drill Out Head	As Required	Pipe Trailer	As Required
Skid Boiler (hp)	80	Mud Can	As Required

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