

RIG 51 - FREE STANDING SLANT

Max Depth Capacity: 8,530'

Class II

MAST

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

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)	385
Rated Power (hp)	350	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size	38" x 8"	Pull Down Winch Capacity (lb)	35,000

OVERHEAD EQUIPMENT

Block Type	<i>Skytop 75T</i>	Block Capacity (ton)	75
Bails Type	<i>Adams Steel 75T</i>	Bail Capacity (ton)	75
Rod Hook Type	<i>Trico 25T</i>	Rod Hook Capacity (ton)	25
Tbg Elevator Type	<i>Option Industries</i>	Tbg Elevator Size	2-3/8" to 4-1/2"
Rod Elevator Type	<i>Mud King Plate Type</i>	Rod Elevator Size	15.9 To 25.4

HANDLING EQUIPMENT

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

BOPs (NACE)

Annular MFG	<i>Control Technology</i>	Pressure Rating & Size	3,000 psi, 13-5/8"
Double Gate #1 MFG	<i>Control Technology</i>	Pressure Rating & Size	3,000 psi, 13-5/8"
Double Gate #2 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"
Hydraulic Regan Pressure Rating & Size			3,000 psi, 3" (Type - K)

ACCUMULATOR

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

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	Isuzu	Prime Rating (hp)	80.5
Change Room Size	15' x 9'-4"	Bathroom Facilities	Yes
Generator House Size	15' x 9'-4"		

EQUIPMENT TRUCK WITH PICKER

Crane MFG & Model	Amco Veba V820	Crane Lifting Capacity (lb)	9,196
Truck MFG & Model	Freightliner M2		

MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG	International 2014	Mud Pump Drive	MaxxForce 13
Pump MFG & Model	SJ Petro 300	Pump Drive Rating (hp)	410
Pump Rated Power (hp)	350	Pump Pressure (psi)	5,000
Pump Stroke Length	5"	Bowie Pump Size	3"
Manifold Valve Quantity	7	Transmission	Allison 4500 OFS
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	Oil Country	Rod Backoff Tool 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
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.