

RIG 27 - INTERNALLY GUYED SINGLE

Max Depth Capacity: 9,150'

Class II

MAST

Mast Type	<i>Stiff Single</i>	Drill Line Size	1"
Mast MFG	<i>CBI</i>	Number of Lines	4
Static Hook Load (lb)	125,000	3:1 Capacity (lb)	125,000
Mast Clear Height	72'	2:1 Capacity (lb)	188,000
Racking Cap. (3-1/2")	12,500'	Sandline Size	9/16" (9,840' Max)
Racking Cap. (2-7/8")	8,200'	Racking Cap. (2-3/8")	9,150'

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>CBI</i>	Geronimo Plate MFG	<i>CBI</i>
Turnbuckles MFG	<i>CBI</i>		

CARRIER

Carrier MFG	<i>CBI</i>	Drawworks Drive	<i>CAT C11</i>
Drawworks Model	<i>Hulkster 650-DD</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"

OVERHEAD EQUIPMENT

Block Type	<i>McKissick 75T</i>	Block Capacity (ton)	75
Bails Type	<i>Oil Country 145T</i>	Bail Capacity (ton)	145
Rod Hook Type	<i>O'Bannon 25T</i>	Rod Hook Capacity (ton)	25
Tbg Elevator Type	<i>BJ / Gearench</i>	Tbg Elevator Size	2-3/8" to 3-1/2"
Rod Elevator Type	<i>Oil Country / O'Bannon</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 Tongs Type	<i>Gill 300</i>	Rod Tongs Size	3/4" to 1"
Rod Backoff Tool Type	<i>Metaltek Machining</i>	Rod Backoff Tool Size	3/4" to 1"
X-Celerator Type	<i>C-Tech X-300</i>	X-Celerator Capacity (lb)	16,000
Air Slips Type	<i>C</i>		

BOPs (NACE)

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

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)	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	Amco Veba V408	Crane Lifting Capacity (lb)	5,434
Truck MFG & Model	Freightliner M2		

MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2012	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)	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)

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.