

RIG 11 INVENTORY



Rig:	ZJ20 Six Axle Carrier mounted Drilling rig, 700 HP	
Drawworks:	Double drum dra The draw-works consists of main drum, sand line drum brake system, hydraulic brake, auxiliary brake crown block saver device, brake rim water circulation cooling. System, draw-works frame and cover assembly, input chain case and output chain case, chain case for hydraulic brake, and protective case for auxiliary brake.	
Power:	Diesel Engine CAT C16 with a S6061 Allison transmission. The engine is in 6 cylinder arrangement, four-stroke turbocharged, after cooler. It is characterized by small size, light weight, and a wide range of power and log life fuel-saving.	
Hydromatic Brake:	Wichita friction hydraulic disk brake water cooled.	
Sandline Drum:	12 in diameter x 35 in long with ½ wire line.	
Mast:	Dimensions, 22 m total height, with three different working heights above rotary table. Gross mast capacity 355,000 lbs with ladder and racking Kelly Racking capacity 2000 m on 5 in drill pipe Height of racking platform: 17m, 21m, 22 m Hook load capacity 355,000 lbs	
Substructure:	Set back capacity	350,000 lbs
	Working height	14 ft
	Upper level surface working area	19 ft x 17 ft
	Clear height for BOP	11 ft
Travelling BlockAnd Hook:	YG160 160 ton	
Mud Pump No. 1	Emsco F800 with charge pump, Power Cummins KTA38 – 1000 HP	
Mud Pump No. 2	Emsco F800 with charge pump, Power Cummins KTA38 – 1000 HP	
Rotary Table:	ZP205 18" opening	
Swivel:	SL180, Max rated load 200 tons @ 100 RPM 100 tons	
Kelly:	40 ft, 5 1/4 in Hex, 2 1/2 in bore, 3 ½ IF in Regular L.H box up 3 ½ in IF pin down. Or 3.5" Hex Kelly	
Kelly Cocks:	Lower 47/8 in 3000 psi, upper & lower. 3000 PSI W/P	
Rotary Hose	2 ½ in ID X 11M long, 6000 Psi test with 3 in female Hammer union	
Tanks	22-Barrel trip tank stand alone 300 Barrel water tank	
Rig Generator	2 each Caterpillar 3412 diesel engines, 2 each 460 Volts 400 KVA 50 Hz generators housed in acoustic enclosure	
Mud Systems	Active Tank, Mixing Tank, Pill Tank 520 Barrel total capacity, 7 Agitators 2 each Derrick High Speed Series 514 linear motion shale shakers complete with Super G TM motors that operate at 7.3 G's	
B O P Equipment	13 ¾ in x 3000 psi Annular Preventer,	

	13 5/8 in x 3000 psi Cameron Doubler Gate complete with pipe rams and blind rams
<u>Choke manifold</u>	1 No. 3 1/8 in WKF 3000 psi manual adjustable choke
<u>B O P Accumulator</u>	Koomey Model 26160313 air operated system with air and electric charge pumps
<u>Kill line</u>	2 in X 3000 psi with 2 No. 2 in 3000 psi valves
<u>Drill Pipe</u>	10,000 ft – 3.5” in IF connections 15 lb/ft G- 105 grade 6 x 8 in Drill Collars 6 5/8 Regular connections 12 x 6 in Drill Collars 4 in IF connections 6 x 4 3/4 in 3 1/2 in IF connections
<u>Elevators</u>	Contractors tubulars
<u>Slips</u>	Contractors tubulars
<u>Tongs</u>	Type B tongs 4 in through 13 3/8 in
<u>Collars</u>	Drill pipe collars slips elevators 3.5 in through 8 in
<u>Spinner</u>	Hydraulic drill pipe spinner
<u>Fork truck</u>	JCB 540-70 with fork truck and pipe grab
<u>Tool shack</u>	Complete welders, cutting tools
<u>Welfare</u>	Shower shack, locker room for crew
<u>Spares</u>	Container with full spare parts inventory
<u>Offices</u>	Tool Pushers office
<u>Fuel</u>	8000 gall fuel storage with oil storage



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