

# RIG 3 SPECIFICATIONS



HOISTING & ROTATING EQUIPMENT	
<b>Drawworks</b>	OIME SL-7 rated at 1,200HP driven by (3) Caterpillar 3412T, 700 HP Engines with Allison CLT-6061-4 Speed Transmission Compound Parmac 342 Hydromatic
<b>Auxiliary Brake</b>	
<b>Catworks</b>	Foster Hydraulic Make-Up & Break-Out Catworks with Hydraulic Power Supply
<b>Rotary Table</b>	IDECO 275-K, 27-1/2" Chain-driven by Drawworks
<b>Traveling Block</b>	American Block DH4E350, 350 Ton Capacity Block/Hook
<b>Swivel</b>	National P-400, 400 Ton
<b>Pipe Handling</b>	OPI Pipe Spinner Hawkjaw Jr. Hydraulic Torque Wrench/Pipe Spinner – Optional 250 Ton or 500 Ton Top Drive System - Optional

MAST & SUBSTRUCTURE	
<b>Mast Design</b>	Parco SL-7
<b>Height</b>	136'
<b>Capacity</b>	750k Static Hook Load (10 Lines)
<b>Substructure Design</b>	Parco Split Level Cantilever Style
<b>Floor Height</b>	21'
<b>Rotary Clearance</b>	17'
<b>Capacities</b>	600K Casing / 400k Setback

TRANSPORT	
<b>Estimated Loads</b>	32 (less tubulars)

POWER PACKAGE	
<b>Drawworks</b>	(3) Cat 3412T rated @ 700hp
<b>Mud Pumps</b>	(1) Cat 3512DITA rated @ 1,295hp (1) Cat 3408TA rated @ 1,000hp
<b>Light Plant</b>	(2) Cat 3412T rated @ 575hp
<b>Generators</b>	(2) General Electric rated @ 420 kW / 600 kVA / 0.7 pf

MUD SYSTEM	
<b>Mud Pumps</b>	(1) National 10-P-130 Triplex rated @ 1,300hp, driven by Caterpillar 3512DITA rated @ 1,295hp (1) National 9-P-100 Triples rated @ 1,000hp driven by Caterpillar 3508TA rated @ 1,000hp
<b>Charging Pumps</b>	6x5 @ 60hp / 1200 rpm
<b>Shale Tank</b>	320 bbl. three-compartment w/(2) 7.5hp agitators
<b>Intermediate Tank</b>	425 bbl. w/(2) 7.5hp mud agitators
<b>Suction Tank</b>	480 bbl. three-compartment w/(3) 7.5hp agitators
<b>Desander</b>	Brandt 2-Cone, 12"
<b>Desander Pump</b>	8x6, 75hp / 1200rpm
<b>Desilter</b>	Brandt Model SE 12-Cone, 12"
<b>Desilter Pump</b>	8x6, 75hp / 1200rpm
<b>Mud Mixing Pumps</b>	(2) 8x6, 75hp / 1200 rpm
<b>Reserve Pit Pump</b>	(2) 8x6, 75hp / 1200 rpm

WELL CONTROL EQUIPMENT	
<b>Annular</b>	Hydril Type GK, 13-5/8", 5,000 PSI
<b>Single Ram</b>	Cameron 13-5/8", 5,000 PSI
<b>Double Ram</b>	Cameron 13-5/8", 5,000 PSI
<b>Drilling Spool</b>	13-5/8", 5,000 PSI w/(1) 4-1/16" & (1) 2-1/16" Flanged Side Outlets
<b>Accumulator</b>	Shaffer Model 14080-3S Closing Unit, 6-Station / 140 gallon
<b>Choke Manifold</b>	Cameron 5,000 PSI

TUBULARS	
<b>Drill Pipe</b>	12,000' 5", 19.50#, G-105 w/TK-34 IPC & Hard Banding
<b>Drill Collars</b>	(12) 8" Slick (14) 6-3/4" Slick (24) 6-1/2" Slick

STORAGE CAPACITIES	
<b>Drilling Water</b>	500 bbl. w/(2) 2x1-1/2, 25hp Pumps
<b>Fuel - Diesel</b>	10,0000 gallons