



**RIG # 2**

**Model: 500 Double**

**Mobile Free-Standing Double Class III Description      Make: Rykar**

RIG DESCRIPTION	
<b>Mast</b>	Pemco 96-180-C 102' x 220,000 lbs free standing telescoping mast Capacity of 10,000 ft 2 7/8 Manufactured to API specs 4F 2nd edition
<b>Travelling Blocks</b>	Oil Country 100 Ton Spring Loaded - 3 x 24" x 1"
<b>Main Drum</b>	42x10 main drum with 40" Kobelt brake assist and 1" drill line
<b>Sandline</b>	38x8 14,000 ft (4267m) 9/16 line
<b>Drive Train</b>	Tandem Steer, Tri-drive
<b>Engine</b>	Detroit diesel 60 series 425 hp
<b>Transmission</b>	Allison 750
<b>Lighting</b>	Vapor proof incandescent and LED flood
<b>BOP Equipment</b>	Townsend 5000 psi double gate BOP w/ Annular 7 1/16 bore (nace trim), 5000 psi work spool c/w (1) flanged valve (2) 73mm and (1) 89mm safety valves 76.2mm Regan rod BOP and tubing pack off head
<b>Accumulator</b>	Class III

PUMP AND TANK	
<b>Pump</b>	Oil Well SA-640
<b>Fluid End</b>	4" plungers x 6" stroke x 42Mpa 7 valve x 35 Mpa manifold
<b>Engine</b>	Detroit 60 series 425 hp
<b>Transmission</b>	Allison 750
<b>Charge pump</b>	4x3x13 MCM
<b>Tank volume</b>	30m3 c/w external tank gauge - (2) compartment c/w Digital fluid gauges
<b>Configuration</b>	Mixing jets, mixing hopper, trough, degasser (18) joints 2" line pipe (2) 4" suction hoses and (4) kelly hoses, Man -retrieval hoist

HANDLING EQUIPMENT	
<b>Tubing tongs</b>	5893R c/w air back up
<b>Rod equipment</b>	Rod tongs and handling equipment from 5/8,3/4,7/8,1"
<b>Air slips</b>	Cavin C
<b>Tubing elevators</b>	60.3mm,73mm,89mm
<b>Hand slips</b>	c/w 60.3mm, 73mm, 89mm dies

SAFETY EQUIPMENT	
<b>H2S gas detector</b>	Piston tube type
<b>LEL monitor</b>	Personal 4 head
<b>SCBA</b>	2 MSA air packs c/w (2) spare bottles
<b>Other</b>	Crown saver and pipe ram saver, rear egress escape buggy, stretcher High angle rescue kit, first aid kit, eye wash station (4) fire extinguishers (2) sala DBI self-retracting life lines , electrical bonding equipment

DOGHOUSE	
<b>Mobile dog house</b>	35' c/w change room, tool room and bathroom facilities
<b>Light plant</b>	55kw Isuzu

EQUIPMENT TRUCK	
<b>Tri Drive Texas Bed w/ Junk Skid</b>	c/w BOP test stump, tong carrier and storage boxes Detroit series 60 and Allison transmission

OPTIONAL EQUIPMENT	
	Skidded Catwalk with fold out racks both sides, 60,000lb capacity