

<u>CAPACITY</u> -	5000 m, Floor height 7.0 m.
<u>DRAWWORKS</u> -	RigMaster E1200 grooved for 31.7 mm drill line, Eaton 336 WCB powered by a 752 HI-Torque DC motor. Static hook load 10 lines is rated at 311,000 daN and 12 lines rated at 366,000 daN.
<u>RIG POWER</u> -	Two Caterpillar 3508's and one 3512 with generators set up for Bi-fuel operation. 2450kW total power. Powering a Ross Hill Style SCR system with a 25 kVA highline power tie in.
<u>SUBSTRUCTURE</u> -	Dreco Box on Box. Casing capacity irrespective of setback 266,880 daN. Setback capacity 200,000 daN. Clear height 5.7 m.
<u>MOVING SYSTEM</u> -	Columbia pad foot moving system will allow X-Y movement and rotation. 90m of utility suitcases.
<u>MAST</u> -	Rigmaster Mast, static hook load w/ 10 lines rated at 300,000 daN and 12 lines rated at 311,360 daN. Clear height 41.5 m.
<u>BLOCK</u> -	Emsco RA 44 – 5 Becket Block rated at 311,360 daN
<u>SWIVEL</u> -	National P400, rated at 356,000 daN.
<u>TOP DRIVE</u> -	Tesco 500 ton ECI 900 AC electric top drive. Rated at 445,000 daN. Input power rated at 670 kW w/ 4,976 daN-m continuous drilling torque, 6,101 daN-m make-up torque, 7,592 daN-m breakout torque and a top speed of 193 RPM.
<u>FLOOR TOOLS</u> -	Varco ST-80 iron roughneck.
<u>CATWALK</u> -	Northrig Hydraulic catwalk capable of moving tubulars from the ground to the floor.
<u>ROTARY TABLE</u> -	Emsco 27.5, 698 mm opening.
<u>MUD PUMPS</u> -	Two National 10-P-130 triplex pump each powered by one GE 752 DC traction motor; maximum pressure w/ 152 mm liner is 26891 kPa, maximum operating speed is 110 SPM.
<u>MUD SYSTEM</u> -	Two tank 192 m ³ system, 7 compartments including 8.6 m ³ pill tank, 5 m ³ trip tank, pill compartment. (6) agitators, and a low pressure mix system. 29.6 m ³ scalping tank w/ (2) 152mm x 127mm variable speed centrifugal pumps w/356 mm impellers and a 3.9 m ³ trip tank.
<u>SHAKER</u> -	Two Derrick Flo-line Cleaner shakers on the main mud tanks and two Derrick 626 Dual pool shakers on the scalping tank.
<u>B.O.P. EQUIPMENT</u> -	Shaffer Spherical 279 mm 34,500 kPa annular preventer. (3) Shaffer LXT, 279 mm 34,500 kPa single gate ram preventers. 76mm 34,500 kPa choke manifold. 1134 L, 21,000 kPa 6-station accumulator w/ (2) electric triplex pumps, w/ shear bank and electric remote.
<u>FUEL & WATER TANK</u> -	Fuel storage 32,000 L. Water storage 86 m ³ .
<u>MISCELLANEOUS</u> -	Z-45/22 genie, steel matting, 240 Gallon Vacuum, flare tank.
<u>BOILER</u> -	Two 75kW (100hp) Superior boilers set up for bi-fuel operation.
<u>DRILL STRING</u> -	As per Contract.
<u>R.M. QUARTERS</u> -	ATCO skid unit.
<u>PIPE TUBS</u> -	10
<u>WINTER LOADS</u> -	58 rig loads and 14 drill string loads. 72 total

All ratings quoted herein are manufacture specifications. AKITA's normal operating parameters are 90% of manufacturers mast rating and 80% of mud pump manufacturer pressure rating. Operation of rig equipment beyond these parameters requires approval from AKITA field office management.