

<u>CAPACITY</u> -	5500 m, 9.7 m KB. Floor Height 9.14 m (30').
<u>DRAWWORKS</u> -	Dreco D-1250 UE, grooved for 34.9 mm drill line, c/w a 752 Hi-Torque DC traction motor and Baylor 19RD130 Eddy Current auxiliary brake. Static hook load w/ 12 lines rated at 333,750 daN (750,000 lbs.).
<u>RIG POWER</u> -	Three Caterpillar 3512 B electronic control engines rated at 1101 kW (4428 Hp) each w/ (3) Caterpillar 1015 kW generators producing a total of 3045kW. Generators have bi-fuel system.
<u>SUBSTRUCTURE</u> -	Dreco self-elevating substructure. Casing capacity 333,750 daN (750,000 lbs.) and setback capacity 240,000 daN (550,000 lbs.). Clear height is 8.22 m (27') and the width is 9.91 m (32' 6").
<u>MAST</u> -	Dreco Mast, static hook load w/ 12 lines rated at 333,750 daN (750,000 lbs.). A-leg spread is 7.62 m (25') and racking for 5500 m (18,000') of 127 mm (5") drill pipe and (21) 171 mm (6 3/4") drill collars. Clear height 43.3 m (142').
<u>BLOCK</u> -	Dreco 6-50 400, rated at 356,000 daN.
<u>SWIVEL</u> -	National P-400, rated at 356,000 daN.
<u>TOP DRIVE</u> -	Tesco 500 ton ECI 900 AC electric top drive with new E-Drive building. 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>ROTARY TABLE</u> -	National D-375, 952 mm opening
<u>MOVING SYSTEM</u> -	Allen Nelson pod moving system. Capable of moving w/ 240,000 daN of setback.
<u>FLOOR TOOLS</u> -	Varco ST-100 iron roughneck.
<u>MUD PUMPS</u> -	Two HHF-1600 (1194kW) each powered by two GE752 Hi-torque DC traction motors. One Lewco WH-1300 Lightweight (970 kW) triplex pump powered by one GE 752 Hi-Torque DC traction motor. Maximum 100 SPM.
<u>SCR</u> -	Ross Hill Model 1400 3 x 4 Generator-SCR system incorporating PLC controls.
<u>MUD SYSTEM</u> -	Two tank system, 8 compartments including scalping tank, 215 m ³ , incorporating a 33.5 m ³ premix. The scalping tank at the main drilling complex holds 22.3 m ³ and has (2) Mission Magnum 6" x 8" x 14" variable speed centrifugal pumps. It also includes a degasser tank of 7.10 m ³ .
<u>SHAKER</u> -	Two Derrick FLC 514 shakers and (2) MI Swaco Mongoose ALS shakers.
<u>B.O.P. EQUIPMENT</u> -	One 346 mm 69,000 kPa annular preventer and (3) 346mm 69,000 kPa single gate ram preventers w/ a 76 mm 69,000 kPa Cameron double gut manifold. Oilco 848L accumulator. One independent Tri-Stack flare tank/degasser.
<u>CATWALK</u> -	Hunterwood hydraulic power catwalk capable of moving tubulars up to Range 3 (14.3m) and 4,500 kg with an open center to provide well head clearance.
<u>WINTERIZATION</u> -	The drill floor winterization is 55' steel wind walls. The substructure walls are insulated sheets.
<u>FUEL & WATER TANKS</u> -	35,000 L volume fuel, 85 m ³ volume water.
<u>BOILER</u> -	Two Indeck 75kW (100hp) with dual fuel burners.
<u>UMBILICAL</u> -	300' of umbilical suitcases for transporting utilities to and from the central complex from the drilling module.
<u>WINTER LOADS</u> -	83

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.