

<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 (2) 752 Hi-Torque DC traction motors and a Dretech 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 3302 kW (4428 Hp) total w/ (3) Caterpillar 1015 kW generators.
<u>SUBSTRUCTURE</u> -	Dreco self elevating substructure. Casing capacity 333,750 daN (750,000 lbs.) and setback capacity 178,000 daN (400,000 lbs.). Casing capacity w/ no setback is 372,250 daN (850,000 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 127mm (5") drill pipe and (21) 7" drill collars. Clear height 43.3 m (142').
<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>BLOCK</u>	Dreco 6-50-400 rated at 356,000 daN.
<u>ROTARY TABLE</u> -	National D-375, 952 mm opening.
<u>SWIVEL</u> -	National P-400, rated at 356,000 daN.
<u>FLOOR TOOLS</u> -	Track mounted spinner Hawk HawkJaw, Make and Break Pipe Spinner.
<u>PUMPS</u> -	Two LEWCO WH-1300 Lightweight 970 kW (1300 Hp) triplex pumps each powered by (1) 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 TANKS</u> -	Two tank system, 9 compartments, 215 m ³ including a 33.5 m ³ premix.
<u>SHAKER</u> -	Three Derrick FLC 514 shakers.
<u>CATWALK</u> -	Dreco hydraulic catwalk equipped w/ hydraulic pipe handler for running casing and handling tubulars, up to 15.25m (50') in length.
<u>BUILDINGS</u> -	Buildings are approximately 3.35 m (11') wide and 12.50 m (41') long.
<u>B.O.P. EQUIPMENT</u> -	Shaffer spherical 346 mm 69,000 kPa annular preventer w/ (3) Shaffer SL 346 mm 69,000 kPa single rams and a 76 mm, 69,000 kPa. Cameron double gut manifold, controlled by Oilco 848 L accumulator.
<u>DIVERTER</u> -	One 540 mm Hydril MSP 14,000 kPa. Annular Diverter c/w spool, flow nipple and 203 mm ball valve.
<u>WINTERIZATION</u> -	Drill floor winterization is 28' steel wind walls. Substructure walls are insulated sheets.
<u>FUEL & WATER TANKS</u> -	35,000 L volume fuel, and 85 m ³ water.
<u>BOILER/HEATING</u> -	Two 93 kW (125 Hp) boilers and an exhaust waste heat recovery system for the generators.
<u>PIPE TUBS</u> -	Ten transport tubs and (2) load securement.
<u>WINTER LOADS</u> -	64

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.