

<u>CAPACITY</u> -	3000 m, 5.4 m KB. Floor Height 4.87 m, 5.05 m to table including matting.
<u>DRAWWORKS</u> -	TSM 7000, single drum, grooved for 28.6 mm drill line, c/w Eaton 324 WCB disc brake on drum shaft.
<u>RIG POWER</u> -	Three Detroit Diesel 12V2000 rated at 675 kW, c/w 575 Volt Stamford generators and a GE 752 traction motor rated at 750 kW.
<u>SCR</u> -	Ross Hill Model 1400 3 x 4 SCR System.
<u>SUBSTRUCTURE</u> -	One piece substructure. Casing capacity irrespective of setback 200,000 daN. Setback capacity 178,000 daN. Clear height 4.05 m.
<u>MAST</u> -	Hodgson Mast, static hook load w/ 10 lines rated at 222,400 daN and 8 lines rated at 213,500 daN. Clear height 41.5 m.
<u>BLOCK-HOOK</u> -	Crown Industries rated at 311,360 daN.
<u>SWIVEL/TOP DRIVE</u> -	Tesco 250 ton EMIS 450 Top Drive w/ integrated swivel rated at 222,400 daN. Input power rated at 336 kW w/ 2,560 daN-m continuous drilling torque, 4,203 daN-m make-up torque and 4,881 daN-m breakout torque. Top speed of 186 RPM.
<u>FLOOR TOOLS</u> -	Varco ST-80 iron roughneck. <i>(mounted on drawworks pedestal)</i>
<u>ROTARY TABLE</u> -	National C-205, 521 mm opening.
<u>MUD PUMP</u> -	Two National 9P100 triplex pumps powered by GE 752 DC traction motors, maximum pressure w/ 152 mm liner is 16,712 kPa, 115 SPM. Each pump is pre-charged w/ a 152 mm x 127 mm centrifugal pump w/ 356 mm impellers.
<u>MUD SYSTEM</u> -	Two tank system, 9 compartments, 159.2 m ³ . Shaker tank pump room includes (2) 102 mm x 76 mm centrifugal pumps for centrifuges and (2) variable speed rotary gear flocking pumps (both supplied by others). Mix tank pump room includes (2) 152 mm x 127 mm centrifugal pumps w/ 356 mm impellers for mixing and mud roll. The two tanks have (4) 3.7 kW agitators and (4) 7.5 kW agitators. The scalping tank at the main drilling complex holds 18 m ³ and has (2) 152 mm x 127 mm variable speed centrifugal pumps w/ 356 mm impellers.
<u>PREMIX TANK</u> -	87 m ³ gross capacity tank w/ (3) compartments, (3) 7.5 kW agitators and (2) 152 mm x 127 mm centrifugal pumps w/ 356 mm impellers.
<u>MOVING SYSTEM</u> -	Walking beam hydraulic moving system capable of moving entire drilling module in linear motion or rotation, including full setback.
<u>SHAKER</u> -	Two FLC 514 Derrick Flo-Line cleaners at main complex and (2) Derrick High-speed linear motion shakers at the scalping system.
<u>B.O.P. EQUIPMENT</u> -	Shaffer 346 mm 34,500 kPa annular, (2) Shaffer 346 mm 34,500 kPa single gate ram preventers. Cameron 76 mm, 34,500 kPa choke manifold. All B.O.P. equipment NACE trim. One Hydril 346 mm 21,000 kPa annular diverter. Oilco 636 L, 21,000 kPa 6-station electric PLC remote accumulator.
<u>FUEL & WATER TANK</u> -	Fuel storage 24,070 L. Water storage 149.5 m ³ . Boiler fuel tank 10,500 L.
<u>BOILER</u> -	One Scotch 60 kW and one Volcano 75 kW.
<u>DRILL STRING</u> -	As per Contract.
<u>R.M. QUARTERS</u> -	ATCO skid unit.
<u>WINTER LOADS</u> -	49 (Excluding camp).

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.