

<u>CAPACITY</u> -	2700 m, 5.1m KB. Floor height 4.4 m.
<u>DRAWWORKS</u> -	Modified National 370, grooved for 28.6 mm drill line, c/w a TSM 500 right angle gear box and an Eaton WCB 324 disc brake rated at 125,000 daN.
<u>RIG POWER</u> -	Caterpillar 3406C rated at 343 kW w/ Allison 6061 4-speed transmission w/ reverse.
<u>SUBSTRUCTURE</u> -	Rudd and Hodgson one piece substructure. Casing capacity irrespective of setback 133,440 daN. Setback capacity 100,000 daN. Clear height 3.70 m.
<u>MAST</u> -	Butler Parks Mast, static hook load w/ 8 lines rated at 125,000 daN. Clear height 32.0 m.
<u>MOVING SYSTEM</u> -	RA Hodgson walking beam hydraulic moving system moves the mast, substructure, drawworks, drill string, doghouse, transfer tank and attached utility suitcases. Moves in X and Y linear pattern. 90m in connectable utility suitcases.
<u>TOP DRIVE</u> -	Tesco 250 ton EMI 400 AC electric top drive rated at 222,400 daN. Input power rated at 298 kW w/ 2847 daN-m continuous drilling torque and 4339 daN-m make-up/breakout torque.
<u>BLOCK-HOOK</u> -	National 435-G-175 Unitized Block-Hook rated at 155,750 daN.
<u>ROTARY TABLE</u> -	Ideco 23 ½" (597mm opening)
<u>MUD PUMPS</u> -	Two Rongsheng Machinery RSF-1000 triplex pump powered by a Caterpillar 3508s. Maximum pressure w/ 127 mm liner is 19,720 kPa, 110 SPM.
<u>CATWALK</u> -	Hunterwood hydraulic power catwalk capable of moving tubulars up to 14.3 m and 4,000 kg.
<u>MUD SYSTEM</u> -	Two tank system, 125 m ³ , comprised of 7 compartments including pill tank, trip tank, and mix building. Equipped w/ 762 mm poor boy degasser, (2) 127 mm x 152 mm centrifugal pumps and a low pressure mix system. The scalping tank at the drilling module holds 5 m ³ and contains a 3.5 m ³ pill tank. The scalping tank uses (2) 152 mm x 127 mm variable speed centrifugal w/ 356 mm impellers.
<u>SHAKER</u> -	Two Swaco Mongoose shakers located at the central complex, two Swaco Mongoose shakers located at the scalping tank.
<u>B.O.P. EQUIPMENT</u> -	Hydril GK 279 mm 21,000 kPa annular preventer. (2) Shaffer LWS 279 mm, 21,000 kPa single gate ram preventers. Valvcon 371 L, 21,000 kPa 5-station electric remote accumulator. NACE trim.
<u>LIGHT PLANTS</u> -	Two Detroit Diesel 60 series 480/208 Volt AC generator rated at 420 kW each.
<u>FUEL & WATER TANKS</u> -	Diesel Storage 16,000 L. Water storage 60 m ³ .
<u>BOILER</u> -	One Volcano 60kW (80hp) and one Volcano 75kW (100hp).
<u>DRILL STRING</u> -	As per Contract.
<u>R.M. QUARTERS</u> -	ATCO skid unit.
<u>PIPE TUBS</u> -	Four hydraulic pipe tubs.

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.