

<u>CAPACITY</u> -	2500 m w/ 4.5" drill pipe and BHA, 2400 m w/ 5" drill pipe and BHA, 6.8 m KB. Floor height 6.4 m.
<u>DRAWWORKS</u> -	Modified National 370, grooved for 28.6 mm drill line, c/w a TSM 500 right angle gear box and Eaton WCB 324 disc brake rated at 125,000 daN.
<u>RIG POWER</u> -	Caterpillar 3406C rated at 343 kW w/ Allison 6061 6-speed w/ reverse transmission.
<u>SUBSTRUCTURE</u> -	Rigmaster SSE21-26.5-500 self elevating substructure. Casing capacity irrespective of setback, 200,00 daN. Setback capacity 177,900 daN. Clear height 5.60 m.
<u>MAST</u> -	Butler Parks Mast, static hook load w/ 8 lines rated at 125,000 daN. Clear height 32.0 m.
<u>BLOCK-HOOK</u> -	National 435-G-175 Unitized Block-Hook rated at 155,750 daN.
<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>ROTARY TABLE</u> -	Ideco 23E, 584 mm opening.
<u>MUD PUMP</u> -	Two National 8P80's rated at 596 kW powered by D379 Caterpillars rated at 375 kW, maximum pressure w/ 152 mm liner is 17,000 kPa, 110 SPM.
<u>MUD SYSTEM</u> -	Two tank system, 5 compartments including one pill tank and an upper mix building, 160.2 m ³ . Equipped w/ (2) 127 mm x 152 mm centrifugal pumps, (2) mix hoppers, bulk hopper w/ 1350 kg rated crane, (4) agitators and a low pressure mix system. A 54 m ³ premix tank comprised of (3) compartments w/ (3) agitators and a mix hopper.
<u>SHAKER</u> -	Three Brandt King Cobras.
<u>B.O.P. EQUIPMENT</u> -	Shaffer Spherical 279 mm 34,500 kPa annular preventer. (1) Shaffer 279 mm 34,500 kPa double gate ram preventer, (1) Shaffer 279 mm 34,500 kPa single gate ram preventer. (1) triplex and (2) air pumps. Double gut Cameron WKM Saf-T-Seal 76 mm, 34,500 kPa choke manifold. ECS 568 L, 21,000 kPa 6-station accumulator, electric remote.
<u>TUBULAR HOUSING</u> -	Six covered buildings for holding drill pipe/casing, three on each side of the covered catwalk. 3 Million BTU Diesel fired air heater.
<u>LIGHT PLANT</u> -	One Caterpillar 3406 DITA, 365 kW w/ SR4B 480/208 Volt AC generator and one Caterpillar 3406C, 305 kW w/ Marathon 480/208 Volt AC generator.
<u>FUEL & WATER TANK</u> -	Fuel storage 36,000 L, Water storage 66.5 m ³ .
<u>BOILER</u> -	One Volcano 80 HP and one Volcano 100 HP.
<u>DRILL STRING</u> -	As per Contract.
<u>WINTER LOADS</u> -	33 (including 1200m of tubulars).

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.