

<b><u>CAPACITY</u></b> -	6700 m, 9.20 m KB. Floor height 8.74 m.
<b><u>DRAWWORKS</u></b> -	National 1320 UE, single drum, grooved for 34.9 mm drill line, equipped c/w an Elmagco 6032 auxiliary brake, with new technology magnets and (2) EMD D-79 DC traction motors. Capacity with 12 lines rated 418,110 daN.
<b><u>RIG POWER</u></b> -	Two Caterpillar D399TA's w/ Kato 1050 kW generators, (1) Caterpillar 3512 6C w/ Kato 1225 kW generator. Total power available 2913 kW continuous to Ross Hill SCR system at 100% load.
<b><u>SUBSTRUCTURE</u></b> -	Lee C. Moore self elevating substructure. Casing capacity 356,000 daN, irrespective of setback. Setback capacity 222,000 daN. Clear height 7.37 m.
<b><u>MAST</u></b> -	Lee C. Moore Mast, static hook load with 12 lines rated at 433,680 daN. Clear height 43.3 m.
<b><u>TOP DRIVE</u></b> -	Tesco 500 ton ECI 900 AC electric top drive. Rated at 445,000daN. 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.
<b><u>FLOOR TOOLS</u></b> -	Varco ST-80 iron roughneck.
<b><u>BLOCK</u></b> -	EMSCO RA-52-6 rated at 445,000 daN.
<b><u>HOOK</u></b> -	BJ 5500 Dynaplex hook spring rated at 445,000 daN.
<b><u>SWIVEL</u></b> -	National P500 static rated at 445,000 daN.
<b><u>ROTARY TABLE</u></b> -	National C-375, 952 mm opening.
<b><u>MUD PUMPS</u></b> -	Two National 12P 160 Triplex pumps powered by (2) GE 752 DC traction motors, maximum pressure w/ 152 mm liner is 32,199 kPa, 100 SPM.
<b><u>MUD SYSTEM</u></b> -	Three tank system, 268.8 m <sup>3</sup> comprised of 9 compartments including the pill tank and a 6 m <sup>3</sup> trip tank. Equipped with low pressure mixing system, (7) agitators, twin mixers and (5) 152 mm x 203 mm x 356 mm.
<b><u>SHAKER</u></b> -	Two FLC 514 Derrick Flow Line cleaners.
<b><u>CATWALK</u></b> -	Pragma hydraulic powered catwalk.
<b><u>DEGASSERS</u></b> -	Poorboy twin 914 mm degasser w/ 203 mm vent lines, 2m fluid head, independent tank. Swaco vacuum degasser. NACE trim.
<b><u>B.O.P. EQUIPMENT</u></b> -	T3 Model 7022 346 mm 34,500 kPa annular. T3 model 6012 (3) 346 mm 69000 kPa single gate ram preventers. Gate valve 76 mm choke manifold 76 mm 69,000kPa double gut choke manifold. All B.O.P. equipment NACE trim, critical sour. Accumulator includes a 171 L shearing bank which may be used for extra volume during normal drilling. Valvcon 742 L, 21,000 kPa dual stage 6-station accumulator with (1) electric triplex, (2) air pumps, electric remote.
<b><u>FUEL &amp; WATER TANK</u></b> -	Fuel Storage 38,000 L. Water storage 82 m <sup>3</sup> .
<b><u>BOILER</u></b> -	Lister 100 Hp.
<b><u>DRILL STRING</u></b> -	As per Contract.
<b><u>R.M. QUARTERS</u></b> -	ATCO skid unit.
<b><u>PIPE TUBS</u></b> -	14 travel tubs.
<b><u>WINTER LOADS</u></b> -	79

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.