

<b><u>CAPACITY</u></b> -	5000 m, 6.55m Floor height.
<b><u>DRAWWORKS</u></b> -	PREP AC Drawworks, grooved for 31.8 mm drilling line, w/ Wichita 336 spring applied emergency brakes and regenerative braking. Powered by a TT1500 Induction motor.
<b><u>RIG POWER</u></b> -	Three Caterpillar C32 generator sets rated at 910 kW. Convertteam generator controls and VFD's.
<b><u>SUBSTRUCTURE</u></b> -	Hodgson box on box substructure with integrated Columbia moving system. Casing capacity irrespective of setback is 222,400 daN. Setback capacity is 222,400 daN. Clear height is 5.3m. Racking capacity allows for 5000m of 5 ½" tubulars.
<b><u>MAST</u></b> -	Hodgson Mast, static hook load w/ 10 lines rated at 266,890daN and 8 lines rated at 256,200 daN. Clear height 41.5 m. Base width 18'-6".
<b><u>TOP DRIVE</u></b> -	Tesco 350 EXI 600 Top Drive w/ integrated swivel rated at 311,360 daN. Input power rated at 447 kW w/ 4067 daN-m continuous drilling torque and 6101 daN-m make-up/breakout torque. Top speed at 220 RPM.
<b><u>FLOOR TOOLS</u></b> -	Varco ST-80 Iron Roughneck.
<b><u>BLOCK-HOOK</u></b> -	350 ton Becket rated at 311, 360 daN.
<b><u>ROTARY TABLE</u></b> -	HHF 27 ½, 699 mm opening, rated at 445,000 daN.
<b><u>MUD PUMPS</u></b> -	Twin 1600 HP (1193 kW) triplex mud pumps powered by an OEM TT1500 AC induction motor each rated at 1119 kW.
<b><u>MUD SYSTEM</u></b> -	Two tank system, 6 compartments, 150 m <sup>3</sup> . Mix tank pump room includes (2) 152mm x 127mm centrifugal pumps w/ 356mm impellers for mixing and mud row. The two tanks have (6) 7.5 kW agitators and one 16 cone desilter mud cleaner. The scalping tank at the main drilling complex holds 18 m <sup>3</sup> and has (2) Mission Magnum 152mm x 127mm x 356mm variable speed centrifugal pumps.
<b><u>SHAKER</u></b> -	Two NOV Venom Shakers on the scalping tank and three Derrick 514 High G shakers at the central mud tank (one converted to a mud cleaner with a 16 cone desilter).
<b><u>MOVING SYSTEM</u></b> -	Hydraulic moving system capable of moving entire drilling module in linear motion or rotation with 90m in utility suitcases. Central complex can be placed on an independent moving system.
<b><u>CATWALK</u></b> -	Northrig C22 hydraulic power catwalk capable of moving tubulars up to 14.3 m and 4,500 kg.
<b><u>B.O.P. EQUIPMENT</u></b> -	RS model A 540 mm 14 MPa annular and one 540mm 14Mpa double ram preventer. 6-station 742 L, 21,000 kPa accumulator, PLC electric remote. Flare tank with igniter.
<b><u>FUEL &amp; WATER TANK</u></b> -	Fuel storage 22,000 L. Water storage 60 m <sup>3</sup> .
<b><u>BOILER</u></b> -	Two 93 kW (125hp) steam boilers.
<b><u>DRILL STRING</u></b> -	147 joints (1400m) 140mm S135, 32.6 kg/m Drill Pipe, 60 joints of 140mm Hevi-wate, 12 171mm drill collars, 3 228mm drill collars.
<b><u>MISCELLANEOUS</u></b> -	Z-45/22 genie, pull down winches (20,000 daN), steel matting for improved load distribution, 240 Gallon Vacuum, 150 kW Cold Start
<b><u>WINTER LOADS</u></b> -	48 loads plus 8 loads of drill string. 56 total.

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.