



ARCTIC FOX

<u>CAPACITY</u> -	10000' (3050 m), 18' 9" (5.7 m) KB. Floor Height 18' (5.5 m).
<u>DRAWWORKS</u> -	TSM 7000 single drum, grooved for 1 1/8" (28.6 mm) drill line rated at 400000 lbs (177,920 daN) with 8 lines. Equipped with 324 WCBD auxiliary brake.
<u>RIG POWER</u> -	Detroit 14L 60 Series rated at 600 HP (448 kW) complete with Detroit 6600 transmission.
<u>SUBSTRUCTURE</u> -	RigMaster one piece step down, model ST14-14.2-300C with integrated rotary table and hydraulic jack leveling system mounted on a 4' (1.22 m) pony sub. Casing capacity 337,000 lbs (150,000 daN) irrespective of setback. Setback capacity is 281,000 lbs (125,000 daN). Clear height for BOP's is 15' 6" (4.7 m).
<u>MAST</u> -	RigMaster mast model T106-9.5-400E with 106' (32.33 m) clear height and base width of 9' 6" (2.90 m). Static Hook Load with 8 lines, rated at 400,000 lbs (177,920 daN).
<u>BLOCK-HOOK</u> -	Ideco 265 ton unitized block-hook, rated at 265 Ton (235,000 daN).
<u>SWIVEL</u> -	McKinney T-200, static hook load rated at 400,000 lbs (177,920 daN).
<u>ROTARY TABLE</u> -	Dreco 20.5" (521mm) opening.
<u>MUD PUMPS</u> -	Three Gardner Denver PZ-8's rated at 800 HP (600 kW) powered by Caterpillar 3412 DITA rated at 625 HP (466 kW).
<u>MUD SYSTEM</u> -	800 barrel (130 m ³) two tank system comprised of 8 compartments including pill tank, trip tank and a low pressure mix system with 6 agitators. Mud tanks come with self elevating roof. Winterizing to be completed with removable metal clad foam boards.
<u>SHAKERS</u> -	Three Derrick FLC 514 four panel Hi-G Linear Motion shakers.
<u>B.O.P. EQUIPMENT</u> -	Oilco 180 gallon 3,000 psi (454 Litre 21,000 kPa) 6 station accumulator, PLC remote, Cameron WKM 3 1/8" 5,000 psi (76 mm 34,500 kPa) choke manifold
<u>LIGHT PLANTS</u> -	Two Detroit Diesel 60 Series engines with Stamford 600 volt AC generators – 685 HP (400 kW Prime).
<u>FUEL & WATER TANK</u> -	Fuel storage 8,500 gallons (32,000 litres). Water storage 850 barrels (135 m ³).
<u>BOILER</u> -	Two Superior 100 HP Boilers.
<u>CATWALK</u> -	One hydraulic powered skate style winterized catwalk.
<u>CASING BARN</u> -	Two 10' x 60' buildings for storing casing prior to casing running operations.
<u>PIPE BUILDING</u> -	One winterized building with integrated hydraulic pipe tub with a 40-50 joint capacity. Building also has a room with the choke manifold at one end.
<u>AIR HEATER</u> -	One 2.5M btu/hr diesel air heater for heating the casing and pipe buildings.
<u>FORKLIFT</u> -	Caterpillar 966G (or equivalent) with pipe grapple.
<u>DRILL STRING</u> -	As per Contract.
<u>WINTER LOADS</u> -	35

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.