



Talisman Fortuna Alaska

<u>CAPACITY</u> -	11000' (3350 m) with 4" DP and BHA, 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 400,000 lbs (177,920 daN) with 8 lines. Equipped with 324 WCBD auxiliary brake.
<u>RIG POWER</u> -	Detroit 14L 60 Series rated at 448 kW complete with Detroit 6600 transmission (or equivalent).
<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> -	Unitized block-hook, rated at 265 Ton (178,000 daN).
<u>SWIVEL</u> -	TSM 200. Static hook load rated at 400,000 lbs (177,920 daN). Kelly and pipe spinner for non top drive applications.
<u>TOP DRIVE</u> -	Tesco EMI 400.
<u>ROTARY TABLE</u> -	National 27.5" (698mm) opening. (or equivalent)
<u>MUD PUMPS</u> -	Two Gardner Denver PZ9's rated at 1000 HP (746 kW) powered by Caterpillar 3412 rated at 1000 HP (756 kW).
<u>MUD SYSTEM</u> -	800 barrel (160 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 four panel Derrick FLC shakers.
<u>B.O.P. EQUIPMENT</u> -	Oilco 180 gallon 3,000 psi (454 Litre 21,000 kPa) 6 station accumulator, PLC remote, McEvoy 3 1/8" 5,000 psi (76 mm 34,500 kPa) choke manifold. One 279mm Shaffer Spherical LXT Annular preventer, one 279mm Shaffer LXT double gate ram preventer, one 279mm Shaffer LXT single gate ram preventer.
<u>LIGHT PLANTS</u> -	Two Detroit Diesel 60 Series engines with Stamford 600 volt AC generators – 685 HP (400 kW Prime) or equivalent.
<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 three pass.
<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.
<u>AIR HEATER</u> -	One 2.5 million btu/hr diesel air heater for heating the casing and pipe buildings.
<u>DRILL STRING</u> -	11,000' of X95 4" DP, 18 jts of 4" HW, 21 6 1/2" DC's, and 2 9" DC's.
<u>WINTER LOADS</u> -	31 (in Alaska) not including the truck shop.
<u>TRUCK SHOP</u> -	40' x 40' heated shop area. (total of 4 loads)

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.