



RIG 26 PAD

<u>CAPACITY</u> -	3,000 m, 5.44 m KB. Floor height 5.03 m to table including matting.
<u>DRAWWORKS</u> -	PREP AC Drawworks, grooved for 31.8 mm drilling line, w/ Wichita 336 spring applied emergency brakes and regenerative braking. Powered by TT1500 Induction motor.
<u>RIG POWER</u> -	Three Caterpillar C32 generator sets rated at 910 kW. Convertteam generator controls and VFD's.
<u>SUBSTRUCTURE</u> -	Hodgson single piece substructure. Casing capacity irrespective of setback 200,000 daN. Setback capacity 178,000 daN. Clear height 3.92 m.
<u>MAST</u> -	Hodgson Hydraulically Raised Square Mast, static hook load w/ 10 lines rated at 222,400 daN and 8 lines rated at 213,500 daN. Clear height 41.5 m. Sections can be removed to reduce the overall height from ground level to less than 100' (30.48m).
<u>TOP DRIVE</u> -	Integrated Tesco 350 EXI 600 Top Drive w/ integrated swivel rated at 311,360. 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.
<u>FLOOR TOOLS</u> -	Varco ST-80 iron roughneck.
<u>BLOCK-HOOK</u> -	Integrated Low Profile American Block rated and 311,360 daN.
<u>ROTARY TABLE</u> -	HHF 27 ½, 699 mm opening, rated at 445,000 daN.
<u>MUD PUMPS</u> -	Twin 1600 Hp triplex mud pumps powered by an OEM TT1500 AC induction motor each rated at 970 kW.
<u>MUD SYSTEM</u> -	Two tank system, 9 compartments, 150 m ³ . Mix tank pump room includes (2) 6" Gorman Rupp style for mixing and mud row. The two tanks have (6) 7.5 kW agitators. Polymer injection tank is included in the mud system. The scalping tank at the main drilling complex holds 18 m ³ and has (2) Mission Magnum 5" x 6" x 14" variable speed centrifugal pumps. A 60 m ³ premix tank is not included in the active system.
<u>MOVING SYSTEM</u> -	Walking beam hydraulic moving system capable of moving entire drilling module in linear motion or rotation. Eight 50' long suitcases and two 25' long suitcases for a total of 450' ft (137m) in connectable utility suitcases. Two barrel pumps to assist mud return flow.
<u>SHAKER</u> -	Three Brandt Venom's at the scalping tank two 616 Derrick Dualpool at central complex.
<u>CATWALK</u> -	Thunder and Lightning Hydraulic power catwalk capable of moving tubulars up to 14.3 m and 4,000 kg.
<u>B.O.P. EQUIPMENT</u> -	RS 540 mm 14 MPa annular diverter system. 346mm, 21 MPa Annular and two Ram BOP Stack, 6-station 795 L, 21,000 kPa accumulator, PLC electric remote. Flare tank and diverter tank.
<u>FUEL & WATER TANK</u> -	Fuel storage 29,330 L. Water storage 60 m ³
<u>BOILER</u> -	Two 93 kW (125hp) two pass Saskatoon boilers.
<u>DRILL STRING</u> -	5 ½" Drill Pipe, 6 ¾" drill collars. And 9" drill collars
<u>MISCELLANEOUS</u> -	240 Gallon Vacuum, four 400 BBL tanks, genie, pull down winches (20,000 daN), two cuttings tanks, 12 additional wood mats for pad move efficiency, one 150 kW Generator for running the onsite quarters, Telescopic combo centrifuge stand and tank for two centrifuges.
<u>WINTER LOADS</u> -	52 loads (Excluding camp).

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.