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| <u>CAPACITY</u> - | 5000 m, 7.9 m KB. Floor height 7.40 m. |
| <u>DRAWWORKS</u> - | Modified National 80 UE, rated 1200 Hp, single drum, grooved for 31.7 mm drill line, c/w an Elmagco 6032 auxiliary brake and (2) GE 752 DC traction motors. Static hook load w/ 12 lines rated at 280,000 daN. |
| <u>RIG POWER</u> - | Three Caterpillar D398 TA's w/ EM Bemac III - 800 kW generators. Total power available 1680 kW to GE SCR system. |
| <u>SUBSTRUCTURE</u> - | Pyramid (upgraded) box on box. Casing capacity irrespective of setback is 280,000 daN. Setback capacity of 240,000 daN. Clear height 6.2 m. |
| <u>MAST</u> - | Pyramid (upgraded) Mast, static hook load w/ 12 lines rated at 280,000 daN and 10 lines rated at 272,000 daN. Clear height 41.5 m. |
| <u>TOP DRIVE</u> - | Tesco 500 ton ECI 900 AC electric top drive. Rated at 445,000 daN. 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. |
| <u>FLOOR TOOLS</u> - | Varco ST-80 Iron Roughneck. |
| <u>BLOCK</u> - | Oilwell 500 block rated at 445,000 daN. |
| <u>SWIVEL</u> - | National P400, static hook load rated at 356,000 daN. |
| <u>MOVING SYSTEM</u> - | Hydraulic X-Y walking beam moving system. Capable of moving with 240,000 daN of setback. |
| <u>ROTARY TABLE</u> - | National C-275, 698 mm opening. |
| <u>MUD PUMPS</u> - | Two National 10P130 triplex pumps powered by (2) GE 752 DC traction motors, maximum pressure w/ 152 mm liner is 26,891 kPa, 110 SPM. |
| <u>CATWALK</u> - | Hunterwood hydraulic power catwalk capable of moving tubulars up to Range 3 (14.3m) and 4,500 kg with an open center for provide well head clearance. |
| <u>MUD SYSTEM</u> - | Two tank system, 7 compartments, 189 m ³ . Mix tank pump room includes (2) 152 mm x 127 mm centrifugal pumps w/ 356 mm impellers for mixing and mud row. The two tanks have (6) 7.5 kW agitators. The scalping tank at the main drilling complex holds 22.3 m ³ and has (2) Mission Magnum 5" x 6" x 14" variable speed centrifugal pumps. It also includes a degasser tank of 7.10 m ³ . |
| <u>SHAKER</u> - | Two Derrick Flo-line Cleaners (<i>main</i>) and (2) Swaco Mongoose ALS shakers (<i>scalping tank</i>). |
| <u>DEGASSER</u> - | Poorboy 914 mm degasser w/ 203 mm vent lines, independent compartment located in the scalping tank. |
| <u>B.O.P. EQUIPMENT</u> - | 346 mm 34,500 kPa annular preventer. (2) 346 mm 34,500 kPa single gate ram preventers. Gate valve 76 mm BPRC choke manifold. Independent Tri-Stack flare tank/degasser. All B.O.P. equipment NACE trim. Koomey 835 L, 21,000 kPa 6-station accumulator, w/ air pump and electric remote. |
| <u>UMBILICAL</u> - | 300' of umbilical suitcases for transporting utilities to and from the central complex from the drilling module. |
| <u>FUEL & WATER TANK</u> - | Fuel storage 39,000 L. Water storage 100 m ³ . |
| <u>BOILER</u> - | One 100 Hp and (1) 125 Hp. |
| <u>DRILL STRING</u> - | As per Contract. |
| <u>R.M. QUARTERS</u> - | ATCO skid unit. |
| <u>WINTER LOADS</u> - | 50 |

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.