

## Failing drilling rig



MODEL?????Failing Back-In SMSR 400S Self Propelled Mobile Rig. ??????Manufactured in November 1990. DRAWWORKS?????Failing HI-4210A-38 double drum 600 h.p. POWER?Detroit 8V92T, diesel engine rated 475 h.p. complete with fuel filter, air filter, oil filter, heavy-duty radiator, heat exchanger for cooling torque converter oil, standard engine instruments, suction type fan, electric starting and alternator charging system, housed in an integral acoustic enclosed. TRANSMISSION?Allison Model CLT-5861 with built-in converter, dual output, five speeds forward and one reverse, and full torque shifting. AIR COMPRESSOR?24 cubic feet air compressor with filter and governor. Belt driven off engine, compressor cooled and lubricated from engine system. DRUM?????18" diameter x 36" long. DRUM GROOVING???Lebus for 11/8" diameter drilling line. SANDLINE DRUM???13" diameter x 39" long MAIN DRUM BRAKES???42" diameter x 10" wide. SANDLINE DRUM BRAKES??38" diameter x 8" wide. FUEL TANK?????125 gallon capacity. AIR SYSTEM?? ??Complete with dual air tanks, safety pop-off valve, drain cocks, filter and air dryer. HYDRAULIC SYSTEM?Driven by P.T.O. mounted on transmission. Tandem gear pump that powers two independent hydraulic circuits. Both circuits share a common reservoir with 160 gallon U.S. capacity and filtration system. Also each circuit has its own bypass relief valve and pressure regulating and control valves, hydraulic control valves, hydraulic cylinders and plumbing, gauges etc. for primary and secondary circuits. HYDRAULIC LEVELLING JACKS?Four jacks with locking valves, control valves and lines. Two mounted near front and two at rear of rig.