

SUMMARY SPECIFICATION SHEET

Mast:	IDS 550,000 lbs. (250T) hookload; single piece 72 ft construction; Split block hoisting on 1 – ¼” drill line.
Master Bushing	37 ½” Master Bushing on rig floor.
Drawworks:	Rig Tech RT-400B 1,000 horsepower mechanically driven by a CAT C-15 engine; band brakes and an Eaton clutch brake.
Top Drive:	Venture Tech XK-250 (250T); independent HPU powered by a CAT C-18 engine and two (2) Sundstrand hydraulic pumps; integrated in the mast for improved mobility; max torque 24,000 ft-lbs. max speed 160 RPM; 5000 PSI pressure rating.
Mud Pumps:	One (1) MAXIM M-1600 triplex mud pump rated at 1600 horsepower direct driven by CAT 3512 engine. Two (2) BOMCO F-1000 triplex mud pumps rated at 1,000 horsepower mechanically driven by CAT 3508C engines; Eaton clutch and torque converters.
Mud System:	One (1) tank 350 bbl. total volume, curved bottom mud tanks; Vortex Fluid System dual shale shakers; U.S. Oil Works mixing hopper
Power System:	Two (2) independent CAT C-15/455kw generators; Square D MCC panel; Curtis 30hp air compressor.
Pipe Handling:	Remote operated, hydraulically powered pipe handling system; dual side operation for handling multiple drill string sizes; Blohm + Voss “Floorhand” hydraulically powered iron roughneck and pipe spinner; Air Slips - combination of all systems allows “hands free” drill pipe connections.
Auxiliary Systems:	Rectangular water tank; top & bottom dog house with hydraulic raising & pinning system; Rig Tech brake cooling system
Drill String:	Range III 5” G-105 U.S. drill pipe; 8” and 6” drill collars
Year Built	2011 by M.D. Cowan, Inc.