

**Trailer Mounted, Hydraulic Lift, Super Single**

**General Description**

Make ..... MD Cowan  
 Year Built/Rebuilt ..... 2009  
 Estimated Drilling Depth ..... 12,000 ft  
 Estimated Rig Move Loads ..... 30  
 Estimated Camp Move Loads ..... 3  
 Rated HP ..... 1000hp

**Mast**

Height ..... 72.00 ft  
 Static Hook Load Capacity ..... 500,000 lbs  
 Mast Racking Capacity ..... N/A

**Substructure**

Style ..... Box Type  
 Height ..... 14.80 ft  
 Clear Height ..... 10.60 ft  
 Casing Capacity ..... 500,000 lbs  
 Maximum Setback Load (lbs) ..... N/A

**Drawworks**

Make ..... Rig Tech  
  
 Power Rating ..... 1000 hp  
 Input Power ..... 1 ea Caterpillar  
 ..... C 15  
  
 Brake Type - Band or Disc ..... Band  
  
 Drilling Line Size ..... 1 1/8"

Auxiliary Brake ..... Eaton Airflex/WCB2

**Top Drive / Power Swivel**

Make ..... Venturetech  
 Model ..... XK-250

Capacity ..... 250 Ton  
  
 Torque - Continuous ..... 22K Ft./LBS

**Swivel**

No Swivel

**Rotary Table**

No Rotary Table

**Power Generation**

Engines ..... 3 ea Caterpillar C 15

Generators ..... 2 ea Caterpillar SR 4

SCR / VFD / DC/DC ..... Mechanical Rig

**Enhancements**

Forklift ..... Caterpillar 930 H  
 Pipe Arm ..... International Derrick Services



**Mud System**

Mud Pumps ..... 2 ea Weatherford Oil Tools MP-10  
 1,000 hp @ 140 spm  
 Reserve Mud Volume ..... 0 bbls

Model ..... RT400B  
 Pressure Rating ..... 5,000 psi  
 Active Mud Volume ..... 700 bbls  
  
 Power Rating .....

Shale Shakers ..... 2 ea Derrick Corporation FLC 504

Mud Cleaner ..... N/A  
 Desander ..... Derrick Corporation 10" X 3 Cones  
 Desilter ..... Derrick Corporation 4" X 16 Cones

Centrifuge ..... N/A

**Well Control**

Choke Manifold .....  
 MDCowan  
 3 1/8" 5,000 psi  
  
 BOP Closing Unit .....  
 Burnsco  
 5 Station 3,000 psi

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