

### Cantilever Mast on Dolly, Hydraulic Lift, Triple

#### General Description

Make ..... IDM  
 Year Built/Rebuilt ..... 2008  
 Estimated Drilling Depth ..... 14,400 ft  
 Estimated Rig Move Loads ..... 65-70  
 Estimated Camp Move Loads ..... 34-38  
 Rated HP ..... 1500

#### Mast

Height ..... 136.00 ft  
 Static Hook Load Capacity ..... 750,000 lbs  
 Mast Racking Capacity ..... 20,000 ft

#### Substructure

Style ..... telescoping  
 Height ..... 22.00 ft  
 Clear Height ..... 18.30 ft  
 Casing Capacity ..... 750,000 lbs  
 Maximum Setback Load (lbs) ..... 400,000

#### Drawworks

Make .....IDM  
  
 Power Rating .....1,600 hp  
 Input Power .....1 ea General Electric  
 .....GEB28-A1  
  
 Brake Type - Band or Disc .....Disc  
  
 Drilling Line Size .....1 3/8"

#### Mud System

Mud Pumps ..... 2 ea Jieneng-Tfi-rig JF-1600  
 1,600 hp @ 120 spm  
  
 Reserve Mud Volume ... 1,300 bbls  
  
 Model ..... 1600 AC QS  
 Pressure Rating ..... 5,000 psi  
 Active Mud Volume ..... 1,300 bbls  
  
 Power Rating .....  
  
 Shale Shakers ..... 3 ea MI Swaco Mongoose

#### Top Drive / Power Swivel

Make Canrig Drilling Technology  
 Model 1035AC-500  
 Capacity 350 Ton  
 Torque - Continous 30,000 ft-lb @ 160 RPM

Mud Cleaner ..... N/A  
 Desander ..... MI Swaco 6" X 3 Cones  
 Desilter ..... MI Swaco 4" X 16 Cones  
 Centrifuge ..... N/A

#### Well Control

#### Swivel

Make ..... American Block  
 Model ..... A-400  
 Capacity ..... 400 Ton

Choke Manifold .....  
 Single Ram Preventer 11" 5,000 psi, Shaffer, LXT  
  
 T3 Energy Services  
 4 1/16" 10,000 psi

#### Rotary Table

Make ..... American Block RK 375

BOP Closing Unit Not available

Table Opening .....37 1/2"

Maximum Load Rating .....650 Ton

#### Power Generation

Engines ..... 3 ea Cummins KTA 50 DR

Generators ..... 3 ea Kato AA27930000

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

#### Enhancements