

## Rig 60 Inventory

### **Classification:**

Mechanical 700hp, rated to 9,000' with 4-1/2" drill pipe

### **Drawworks:**

TSM 7000 with a 324 Eaton auxillary brake, powered by one 60 series Detroit engine with Allison transmission and right angle gear box drive

### **Mast and Substructure**

Cassady Engineering 105' high 350,000 lb hook load capacity mast with 20' high box-on-box substructure with 16'-9" clear height

### **Pumps:**

Two F-1000 triplex, 1000hp, independently powered by D-398 Caterpillar engines

### **Mud Tank System:**

Two active tanks, 620 bbl total capacity, one Vortex Fluid Systems double linear motion shale shaker, mud agitators, 2-cone desander, 16-cone desilter, mud hopper, atmospheric degasser

### **Generators:**

Two 60 series Detroit engines, powering Marathon 380KW generators with switch gear and controls, mounted in an 11'-6" wide, 40' long generator house

### **Drill Line:**

1-1/8", 6 x 19 IWRC

### **Rotary:**

SCZP with 17-1/2" opening

### **Block:**

TSM 160-ton with 4 sheaves grooved for 1-1/8" drill line.

TSM 160-ton hook

### **Swivel:**

TSM 200, 200 ton

### **Drill String:**

4-1/2" X-95 16.60#/ft.

6-1/4" Drill Collars

### **Blowout Preventer Sytem:**

Townsend 11" x 5000 psi double ram BOP

Hydril GK 11" x 5000 psi annular BOP

4-1/16" X 5000 psi choke manifold with adjustable and manual chokes and gas buster, eight station accumulator with one triplex and three air pumps

### **Catwalk:**

Cassidy Engineering Hydraulic catwalk, 42" height

### **Auxiliary Equipment:**

Toolpushers quarters

Fire extinguishers

10,000 gallon fuel tank

500 barrel water tank

Type B rotary tongs

5-1/4" Hex Kelly

Handling tools for 4-1/2" pipe

Pipe racks

Air compressors

Hawk pipe spinner