



## SHALEDRILLER 230

### DRAWWORKS

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1,500 HP AMC Drawworks powered by (1) 1,500 HP AC Motor

### MAST AND SUBSTRUCTURE

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Hydraulically Telescoping, three (3) Section Mast: 136' Height, 750,000 lbs. Static Hook Load  
Hydraulically Raised "Two Section" Substructure: 31' Height w/ 6' skid beam , 20' Clear Height  
Setback Capacity: 500,000 lbs.  
Racking Capacity: 20,000' (5" Drill Pipe)  
Fully independent, omnidirectional "Walking" system

### MUD PUMPS

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(3) 1,600 HP Triplex Pumps - 7,500psi  
(1) each 1,500 HP AC Motor

### ROTATING AND TRAVELING EQUIPMENT

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500 ton Canrig 1250 Top Drive w/ 51,400 ft-lbs. torque @ 118 rpm  
37-1/2" Rotary Table Independent Drive powered by (1) 1,000 HP AC Traction Motor  
400 ton Traveling Block

### B.O.P EQUIPMENT

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BOP Handling System: Trolley Beam System w/ Manual Winches  
13-5/8" x 5,000 psi Annular  
13-5/8" x 10,000 psi, Single Ram BOP  
13-5/8" x 10,000 psi, Double Ram BOP  
2-1/16" X 4-1/16" 10,000 psi Choke Manifold  
(1) 7 Station Accumulator Skid

### GENERATORS

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(3) CAT 3512C Diesel Engines w/ (3) 1750 kVa Generator Sets

### CONTROL SYSTEM

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VFD House  
Climate Control Driller's Cabin w/ joystick controls



**SHALEDRILLER 230** *(continued)*

**MUD SYSTEM**

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- 1000 bbl. Pit System - 7,500 psi
- (3) Derrick Hyperpool Shale Shakers
- (1) Brandt 16 Cone Desilter
- (1) Vacuum Degasser
- (1) Mud Gas Separator 1,200 gpm 60" diameter / 21'7" overall length

**MUD MIXING EQUIPMENT**

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- (2) Chemical Mixing Hoppers
- (1) Caustic Mixing System

**LIQUID STORAGE**

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- (1) 500 bbl. Water Storage Tank
- (1) 500 bbl. Diesel Storage Tank

**PIPE HANDLING EQUIPMENT**

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- (1) FH-80 Iron Roughneck
- (1) Forum Hydraulic Catwalk

**ELECTRONIC DRILLING RECORDING EQUIPMENT**

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- MD Totco Recording System and Equipment

**DRILL PIPE**

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- 20,000' - 5" (S-135) 19.50# w/ NC-50 Connections
- (30) Joints - 5" HWDP

**DRILL COLLARS**

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- (18) 6.5" w/ NC-46 Connections
- (6) 8" w/ NC-56 Connections

**LIVING QUARTERS**

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- (1) Rig Manager Trailer
- (2) Twelve Person Crew Trailers
- (1) Change House—washer, dryer and crew lockers