



## SHALEDRILLER 228

### DRAWWORKS

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1500 Drawworks powered by (1) 1500 HP AC Motor

### MAST AND SUBSTRUCTURE

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Vertical Erecting Telescoping, three (3) section 142' height, 750,000lbs static hook load (10 lines)  
Parallelogram substructure raised by hydraulic winches; Clear Height 21'  
750k casing / 500k setback, 20,000' of 5" drill pipe  
Walking system - multidirectional capabilities

### MUD PUMPS

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(2) 1600 Triplex Pumps (7,500 psi)  
(1) Each AC 1500 HP Motors

### ROTATING AND TRAVELING EQUIPMENT

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500 ton Top Drive drilling system, with 51,400 ft-lbs Torque @ 118 rpm  
500 ton Traveling Block  
27-1/2" Rotary Table

### B.O.P. EQUIPMENT

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BOP Handling System  
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  
(1) Choke Manifold x 10,000 psi  
(1) 7 station accumulator skid

### GENERATORS

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(3) Diesel Engines w/ (3) 1750 kVa Gen. Sets

### VFD HOUSE

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AC/VFD House

### MUD SYSTEMS

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1000 bbl. circulating mud system (7,500 psi)  
(3) Linear motion shale shakers  
(1) Desilter  
(1) Desander  
(1) Degasser  
(1) Mud gas separator



## **SHALEDRILLER 228** *(continued)*

### **MUD MIXING EQUIPMENT**

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- (1) Chemical mixing hopper on single skid
- (1) Caustic mixing system

### **LIQUID STORAGE**

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- (1) 450 bbl. water storage tank
- (1) 15,800 gallon diesel storage tank

### **PIPE HANDLING EQUIPMENT**

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- (1) Iron Roughneck
- (1) Hydraulic Catwalk

### **DRILLER CABIN**

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Climate control driller's cabin with joystick controls

### **ELECTRONIC DRILLING RECORDING EQUIPMENT**

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MD Totco recording system and equipment

### **DRILL PIPE\***

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- 5 in. S-135 drill pipe
- 5 in. G-105 drill pipe
- 5 in. heavy weight drill pipe

### **DRILL COLLARS\***

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- 6.5 in. drill collars with NC-46 connections (spiral and slick)
- 7 in. drill collars with NC-50 connections
- 8 in. drill collars with NC-56 connections

### **LIVING QUARTERS**

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- (1) Rig manager trailer
- (2) (12) Man crew trailer
- (1) Change house—washer, dryer and crew lockers

*\*ICD tubular inventory is based on availability*