



## SHALEDRILLER 303

### DRAWWORKS

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1500 Drawworks powered by (1) 1500HP AC Motor

### MAST AND SUBSTRUCTURE

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Cantilever type, three (3) section 142' height, 750,000lbs static hook load (10 lines)  
Self-elevating box on box; Clear Height 26'  
750k Casing / 500k Setback Capacity, 22,500' of 5" drill pipe  
Walking system - multidirectional capabilities

### MUD PUMPS

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(3) 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  
37-1/2" Rotary Table Independent Drive powered by (1) 1150 AC Motor

### 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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(4) Diesel Engines w/ (3) 1750 kVa Gen. Sets  
(3) Bi-Fuel (natural gas/diesel) package (1 per engine)

### 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 303** *(continued)*

**MUD MIXING EQUIPMENT**

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- (2) Chemical mixing hoppers on single skid
- (1) Caustic mixing system

**LIQUID STORAGE**

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- (1) 375 bbl. water storage tank
- (1) 15,000 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*