



## SHALEDRILLER 321

### DRAWWORKS

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1500 Drawworks powered by (1) 1500 HP AC Motor

### MAST AND SUBSTRUCTURE

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Slingshot, two (2) section 142' height, 750,000lbs static hook load (12 lines)  
Hydraulically raised Slingshot substructure; Clear Height 20'  
750k Casing / 500k Setback Capacity, 19,000' of 5" drill pipe  
Walking system - multidirectional capabilities

### MUD PUMPS

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(2) 1600 Triplex Pumps (7,500 psi)  
Powered by SCR House

### ROTATING AND TRAVELING EQUIPMENT

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500 ton Top Drive drilling system, with 37,500 ft-lbs continuous output of torque  
450 ton Traveling Block  
37-1/2" 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 321** *(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) 440 bbl. water storage tank
- (1) 17,000 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*