



## SHALEDRILLER 306

### DRAWWORKS

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

### MAST AND SUBSTRUCTURE

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Hydraulically Raised, three (3) Section Mast: 142' Height, 750,000 lbs. Static Hook Load

Lee C Moore Slotbox Substructure: 30' Height, 26'-11" Clear Height

Setback Capacity: 750,000 lbs.

Racking Capacity: 22,500' (5" Drill Pipe)

Fully integrated and independent, omnidirectional, hydraulic, "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) Hydraulic Motor

400 ton Traveling Block

### B.O.P EQUIPMENT

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BOP Handling System: Trolley Beam System w/ Hydraulic Cylinders

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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(4) CAT 3512C Diesel Engines w/ (4) 1750 kVa Generator Sets

### CONTROL SYSTEM

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Precise (OMRON) VFD House

Climate Control Driller's Cabin w/ joystick controls



**SHALEDRILLER 306** *(continued)*

**MUD SYSTEM**

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- 1000 bbl. Pit System - 7,500 psi
- (3) Derrick Hyperpool Shale Shakers
- (1) 16 Cone Desilter
- (1) 2 Cone Desander
- (1) Derrick Vacuum Degasser
- (1) Mud Gas Separator 1,200 gpm 72" diameter / 20' 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) 357 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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- 22,500' - 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 w/ Change House included