



## SHALEDRILLER 164

### DRAWWORKS

---

1000 Drawworks powered by (1) 1500 HP AC Motor

### MAST AND SUBSTRUCTURE

---

Vertically Erecting Telescoping 136' height, 500,000lbs static hook load  
Hydraulically raised parallelogram substructure; Clear Height 18'  
500k casing / 350k setback, 15,000' of 5" drill pipe  
Walking system - multidirectional capabilities

### MUD PUMPS

---

(2) 1600 Triplex Pumps (5,000 psi)  
(1) Each AC 1500 HP Motors

### ROTATING AND TRAVELING EQUIPMENT

---

275 ton Top Drive drilling system  
250 ton Traveling Block  
27-1/2" Rotary Table

### B.O.P. EQUIPMENT

---

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

---

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

### VFD HOUSE

---

AC/VFD House

### MUD SYSTEMS

---

1000 bbl. circulating mud system (5,000 psi)  
(3) Linear motion shale shakers  
(1) Desilter  
(1) Desander  
(1) Degasser  
(1) Mud gas separator



## **SHALEDRILLER 164** *(continued)*

### **MUD MIXING EQUIPMENT**

---

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

### **LIQUID STORAGE**

---

- (1) 440 bbl. water storage tank
- (1) 17,000 gallon diesel storage tank

### **PIPE HANDLING EQUIPMENT**

---

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

### **DRILLER CABIN**

---

Climate control driller's cabin with joystick controls

### **ELECTRONIC DRILLING RECORDING EQUIPMENT**

---

MD Totco recording system and equipment

### **DRILL PIPE\***

---

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

### **DRILL COLLARS\***

---

- 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**

---

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

*\*ICD tubular inventory is based on availability*