## Parker Drilling Rig 258
### 3,000 hp Land Drilling Rig

<table>
<thead>
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<th><strong>Year Modified:</strong></th>
<th>2009</th>
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### Rated Drilling Depth
- 5 in. Drill Pipe: 25,000 ft (7,620 m)
- 4-1/2 in. Drill Pipe: 29,000 ft (8,839 m)

### Mast
- Make, Type: Parco, cantilever
- Height: 156 ft (47.5 m)
- Max. Hookload: 1.5 million lbs
- Racking Capacity: 5 in. drill pipe - 21,000 ft (6,400 m)

### Drawworks
- Make: Gardner Denver 3000E
- Rated Input: 3,000 hp (2,237 kW)
- Input Power: Three (3) EMD-79 direct current motors, max rating 1,000 hp (746 kW) each
- Drilling Line: 1-3/4 in. (44.5 mm)

### Gensets
- Engines: Five (5) Caterpillar 3512B engines; 1,476 hp (1,101 kW) each
- Generators: Two (2) Caterpillar, 1,050 kW (1,500 kVA)
  - Two (2) Kato, 1,400 kW (2,000 kVA)
  - One (1) Kato, 1,365 kW (1,950 kVA)

### Traveling Equipment
- Traveling Block: Ideco
- Max. Load: 1.5 million lbs

### Substructure
- Make: Parco
- Clear Working Height: 28 ft. (8.5 m)
- Setback Load: 975,000 lbs

### Mud Pumps
- High Pressure System: One (1) 7,500 psi high pressure circulation system, dual mud lines to rig floor
- Pumps: Three (3) Continental Emsco FC-1600 triplex pumps; each rated 1,600 hp (1,193 kW)
  - Input Power: Two (2) EMD 79 traction motors for each pump, each rated 800 hp

### Mud Handling/Solids Control
- Active Mud System: 1,980 bbls (315 m3)
- Shale Shakers: Four (4) Derrick High "G" 4-panel shakers; 500 gpm each
  - Derrick High "G" Dryer; 500 gpm

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Rig Plot Plan

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