

## T-66 EMSCO D3 II

### TECHNICAL OVERVIEW

<b>Rating</b>	1,000 HP	746 kW
<b>Hook load</b>	600,000 lbs @ 10 lines	272 t
<b>Drilling depth theoretical</b>	12,000 ft	3,658 m

Year of construction 1990, refurbishment 2008

### MAST

<b>Type</b>	Dreco M13620-840 DT telescope	
<b>Height</b>	136 ft	41.5 m
<b>Base</b>	20 ft	6.1 m
<b>N.G.C.</b>	840,000 lbs	381 t
<b>Hook load</b>	600,000 lbs	272 t

### SUBSTRUCTURE

<b>Type</b>	Dreco trailer mounted	
<b>Height</b>	24 <sup>2</sup> / <sub>3</sub> ft	7.5 m
<b>Casing load</b>	600,000 lbs	272 t
<b>Setback load</b>	380,000 lbs	172 t

### DRAWWORKS

<b>Type</b>	Continental Emsco D3 II	
<b>Horsepower rating</b>	1,000 HP	746 kW
<b>Max. line pull</b>	65,000 lbs	29.5 t
<b>Drilling line diameter</b>	1 ¼"	31.8 mm
<b>Auxiliary brake</b>	Baylor 6032	

### ROTARY TABLE

<b>Type</b>	National C-275	
<b>Table opening</b>	27 ½"	698.5 mm

### DRIVE GROUP

<b>Engine type</b>	Caterpillar D 399 TA	
<b>Horsepower rating</b>	4 x 1,153 HP	
<b>Generator type</b>	Kato 1030	
<b>Generator rating</b>	4 x 1,286 kVA	
<b>Voltage</b>	600/460 V, 60 Hz	
<b>SCR</b>	IDM / IPS	



### MUD SYSTEM

<b>Pump type</b>	Wirth TPK-1600 Triplex	
<b>Horsepower rating</b>	2 x 1,600 HP	
<b>Shale shaker type</b>	Derrick FL 513	
<b>Shale shaker</b>	3 pcs single	
<b>Standpipe pressure</b>	5,000 psi	345 bar
<b>Active mud system</b>	1,330 bbl	211 m <sup>3</sup>
<b>Reserve mud system</b>	940 bbl	150 m <sup>3</sup>

### BOP EQUIPMENT

<b>Annular</b>	13 5/8" - 5,000 psi	
<b>Double ram</b>	13 5/8" - 5,000 psi	
<b>Single ram</b>	13 5/8" - 5,000 psi	

### CAMP EQUIPMENT

Full rig and base camp

### ADDITIONAL INFORMATION

Highly mobile desert rig  
Trailerised camp