

## T-391 UM 3900/225 3K-BM

### TECHNICAL OVERVIEW

<b>Rating</b>	1,000 HP	746 kW
<b>Hook load</b>	496,000 lbs @ 10 lines	225 t
<b>Drilling depth theoretical</b>	12,795 ft	3,900 m

Year of construction 2005

### MAST

<b>Type</b>	Uralmash 45/225R	
<b>Height</b>	149.7 ft	45.65 m
<b>Base</b>	33.8 ft	10.3 m
<b>Hook load</b>	496,000 lbs	225 t

### SUBSTRUCTURE

<b>Type</b>	Uralmash	
<b>Height</b>	27.9 ft	8.5 m
<b>Clear height</b>	21.3 ft	6.5 m
<b>Casing load</b>	440,900 lbs	200 t
<b>Setback load</b>	385,800 lbs	2 x 87.5 t

### DRAWWORKS

<b>Type</b>	LBU-750 E-SNG	
<b>Horsepower rating</b>	1,000 HP	746 kW
<b>Max. line pull</b>	21,000 lbs	
	239 kN @ 2 <sup>nd</sup> layer	
<b>Drilling line diameter</b>	1 1/8"	28 mm
<b>Auxiliary brake</b>	-	

### TOP DRIVE

<b>Type</b>	Varco TDS-9	
<b>Capacity</b>	881,800 lbs	400 t
<b>Torque</b>	32,000 ft.lbs	43,380 Nm

### ROTARY TABLE

<b>Type</b>	R700	
<b>Capacity</b>	27 1/2"	700 mm

### DRIVE GROUP

<b>Engine type</b>	6.3 kV industrial power grid	
<b>Horsepower rating</b>	-	
<b>Generator type</b>	-	
<b>Generator rating</b>	-	
<b>Voltage</b>	-	
<b>SCR unit</b>	-	



### MUD SYSTEM

<b>Pump type</b>	UNBT-950L	
<b>Horsepower rating</b>	2 x 1,250 HP	
<b>Shale shaker type</b>	Mongoose PT	
<b>Shale shaker</b>	MI Swaco	
<b>Standpipe pressure</b>	5,000 psi	350 bar
<b>Active mud system</b>	1,130 bbl	180 m <sup>3</sup>
<b>Reserve mud system</b>	570 bbl	90 m <sup>3</sup>

### BOP EQUIPMENT

<b>Annular</b>	11" – 5,000 psi	
<b>Single ram</b>	11" – 5,000 psi; 2 pc	

### CAMP EQUIPMENT

Full rig camp and base camp

### ADDITIONAL EQUIPMENT

4Q-Drive