

## T-91 HP STATIONARY DESERT RIG

### TECHNICAL OVERVIEW

<b>Rating</b>	2,000 HP	1,491 kW
<b>Hook load</b>	1,000,000 lbs @ 12 lines	454 mt
<b>Drilling depth theoretical</b>	23,000 ft	7000m
Year of construction 2014		

### MAST

<b>Type</b>	Bentec cantilever	
<b>Height</b>	152 ft	46,32 m
<b>Hook load</b>	1,000,000 lbs	454 mt

### SUBSTRUCTURE

<b>Type</b>	Bentec Slingshot	
<b>Height</b>	30 ft	9.1 m
<b>Casing load</b>	1,000,000 lbs	454 mt
<b>Setback load</b>	700,000 lbs	318 mt

### DRAWWORKS

<b>Type</b>	Bentec E-450-AC-SG	
<b>Horsepower rating</b>	2,000 HP	1,491 kW
<b>Max. line pull</b>	94,140 lbs	42,7 mt
<b>Drilling line diameter</b>	1.1/2"	38mm
<b>Auxiliary brake</b>	Disc Brake + (power braking via AC motors)	

### TOP DRIVE

<b>Type</b>	Bentec TD-500-HT	
<b>Capacity</b>	1,000,000 lbs	454 mt
<b>Torque</b>	46,000 ft.lbs	62,300 Nm

### ROTARY TABLE

<b>Type</b>	RDE-375-90-1-38-30	
<b>Table opening</b>	37 1/2"	952.5 mm

### IRON ROUGHNECK

<b>Type</b>	B&V 9GF – 100 Floor Hand	
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### DRIVE GROUP

<b>Engine type</b>	Caterpillar 3512B DI TA-SCAC	
<b>Horsepower Rating</b>	4 x 1757 HP @ 1500 rpm	
<b>Generator type</b>	Caterpillar SR4B	
<b>Generator rating</b>	4 x 1,728 kVA @ 1500 rpm	
<b>Voltage</b>	690V, 50 Hz	
<b>Control Unit</b>	Bentec VFD	



### MUD SYSTEM

<b>Pump type</b>	3 x Bentec T-1600-AC (R)	
<b>Horsepower rating</b>	3 x 1,600 HP	
<b>Standpipe pressure</b>	7,500 psi	517 bar
<b>Shale shaker</b>	3 pcs single	
<b>Shale shaker type</b>	MI Swaco MD3	
<b>Active mud system</b>	1,535 bbl.	246 m3
<b>Reserve mud syst.</b>	2000 bbl.	320 m3
<b>Water Tanks</b>	2 x 500 bbl.	160 m3

### BOP EQUIPMENT

<b>Annular</b>	13 5/8" - 5,000 psi	
<b>Single ram</b>	13 5/8" - 10,000 psi	
<b>Double ram</b>	13 5/8" - 10,000 psi	

### CAMP EQUIPMENT

Full rig camp

### ADDITIONAL EQUIPMENT

Air conditioned Driller Cabin with Bentec InfoDrill  
Anti-Collision System (Bentec ACS)  
Feed Off Control System (Bentec FOCS)  
Soft Torque Rotary System (Bentec STRS)