

## T-841 NOV IDEAL RIG, CANTILEVER HYDRAULIC LIFT, TRIPLE

### TECHNICAL OVERVIEW

<b>Rating</b>	1,500 HP	1,118 kW
<b>Hook load</b>	750,000 lbs @ 10 lines	340.2 mt
<b>Design depth theoretical</b>	14,765 ft w/ 5" DP	4,500 m

Year of construction 2009, refurbished 2019

### MAST

<b>Type</b>	NOV Cantilever Mast	
<b>Height</b>	142 ft	43.2 m
<b>Base</b>	12,33 ft	3.75 m
<b>N.G.C</b>	840,827 lbs	384.1 mt
<b>Hook load</b>	750,000 lbs	340.2 mt

### SUBSTRUCTURE

<b>Type</b>	NOV Parallelogram, Hydr.	
<b>Height</b>	25 ft	7.62 m
<b>Casing load</b>	750,000 lbs	340.2 mt
<b>Setback load</b>	500,000 lbs	226.8 mt

### DRAWWORKS

<b>Type</b>	NOV JC-50D	
<b>Horsepower rating</b>	1,500 HP	1,118 kW
<b>Max. line pull</b>	76,435 lbs	34.67 mt
<b>Drilling line diameter</b>	1 3/8"	34.9 mm
<b>Auxiliary brake</b>	Baylor 6032W	

### TOP DRIVE

<b>Type</b>	NOV TDS-11SA	
<b>Capacity</b>	1,000,000 lbs	454 mt
<b>Torque cont.</b>	37,500 ft-lbs@125RPM	50,843 Nm

### ROTARY TABLE

<b>Type</b>	NOV ZP-375	
<b>Table opening</b>	37 1/2"	952.5 mm

### IRON ROUGHNECK

<b>Type</b>	NOV IR-3080-ARM	
-------------	-----------------	--

### DRIVE GROUP

<b>Engine type</b>	MTU R1638A36 16V-2000	
<b>Horsepower rating</b>	4 x 1,481 HP/1800RPM	
<b>Generator type</b>	Baylor S4370UJ-597A	
<b>Generator rating</b>	4 x 1,750 kVA	
<b>Voltage</b>	600/460 V, 60 Hz	
<b>SCR Unit</b>	NOV/Ross Hill DC System	



### MUD SYSTEM

<b>Pump type</b>	NOV 12-P-160 Triplex	
<b>Horsepower rating</b>	2 x 1,600 HP	
<b>Shale shaker type</b>	MI Swaco PT Mongoose 75FT475	
<b>Shale shaker</b>	2 x single units w/common box	
<b>Standpipe pressure</b>	5,000 psi	345 bar
<b>Active mud system</b>	1,314 bbl	209 m <sup>3</sup>
<b>Reserve mud system</b>	500 bbl	79,5 m <sup>3</sup>
<b>Trip Tank</b>	100 bbl	15,9 m <sup>3</sup>

### BOP EQUIPMENT

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

### CAMP EQUIPMENT

Full rig and base camp

### ADDITIONAL INFORMATION

- Hydraulic Catwalk System
- NOV Drillers Control System complete with Joystick and Drawworks Auto Driller System
- NOV RigSense Drilling Instrumentation System
- RigSmart Anti Collision System