

**Latshaw**

# **RIG 45**



# RIG 45 / Specifications

## HOISTING, ROTATING & PIPE-HANDLING EQUIP.

<b>DRAWWORKS</b>	NOV ADS-10SD (1500HP) Driven by (2) Drill-Force DM27 (1150 HP) AC Motors
<b>AUXILIARY BRAKE</b>	Wichita 436 Air Cooled
<b>HOISTING CAPACITY</b>	750,000# w/ 12 lines
<b>ROTARY TABLE</b>	ZP 37.5" – Independent electric drive w/ 400HP AC Motor
<b>TRAVELING BLOCK</b>	YC450-3 500 Ton
<b>TOP DRIVE</b>	NOV TDS-11SAE 500 Ton (High Torque)
<b>IRON ROUGHNECK</b>	Varco ST-80CL
<b>HYDRAULIC CATWALK</b>	Canrig PC-3000 Power Catwalk
<b>PIPE HANDLING</b>	Forum Rotating Mouse Hole

## POWER PACKAGE

<b>ENGINES</b>	(4) Caterpillar 3512C
<b>DIESEL</b>	20,000 gal
<b>BI-FUEL</b>	Yes
<b>GENERATORS</b>	(4) Kato 1265kw
<b>VFD SYSTEM</b>	(4) Generator Bays / (5) VFD Bays

## BOP EQUIPMENT

<b>ANNULAR</b>	TBD
<b>SINGLE RAM</b>	TBD
<b>DOUBLE RAM</b>	TBD
<b>ACCUMULATOR</b>	6 station / 180 Gallon
<b>CHOKE MANIFOLD</b>	10,000 psi
<b>MUD/GAS SEPARATOR</b>	NOV Ideal Poor Boy Degasser

## MAST & SUBSTRUCTURE

### MAST

<b>TYPE</b>	NOV Ideal/Cylinder Raise 142'
<b>HOOK LOAD</b>	750,000#
<b>RACKING CAPACITY</b>	30,000' - 5"

### SUBSTRUCTURE

<b>TYPE</b>	NOV Swing-Up/ Cylinder Raise 25'
<b>CLEAR HEIGHT</b>	21' 6"
<b>LOAD RATINGS</b>	750,000# Casing / 750,000# Setback
<b>RIG WALKING SYSTEM</b>	NOV Steel Toe Walking System
<b>PAD CAPACITY</b>	120' x, y Axis

## MUD SYSTEM

<b>MUD PUMPS</b>	(3) NOV 12-P-160 (1600HP)
<b>FLUID ENDS/ DELIVERY SYSTEM</b>	7500 PSI Driven by (2) DM27 (1150HP) AC Motors
<b>CHARGING PUMPS</b>	(3) 6x5x14 60HP
<b>PROCESS PIT</b>	600 bbl) Four-Compartment with (3) NOV MA-10 Agitators
<b>SUCTION PIT</b>	(600 bbl) Four-Compartment with (4) NOV MA-10 Agitators
<b>TRIP TANK</b>	(100 bbl) One-Compartment w/ 10HP Agitator
<b>TRIP TANK PUMP</b>	4x3x13 100HP
<b>SHALE SHAKERS</b>	(3) NOV King Cobra Venom
<b>DEGASSER</b>	NOV Brandt DG-10
<b>DESANDER</b>	NOV Brandt 3-10' Cones
<b>DESANDER PUMP</b>	6 x 8 100HP
<b>DESILTER</b>	NOV Brandt 20-4" Cones
<b>DESILTER PUMP</b>	6 x 8 100HP
<b>MUD MIXING PUMPS</b>	6 x 8 100HP
<b>DRILLING WATER</b>	400 bbl