

3000hp RIG Specifications

HOISTING, ROTATING & PIPE-HANDLING EQUIP.

DRAWWORKS	National 1625 DE (3000HP) driven by (3) GE 752 (1,000) motors
AUXILIARY BRAKE	Baylor 7838
HOISTING CAPACITY	1,420,000# w/ 14 Lines, 1,250,000# w/ 12 Lines, 1,075,000 w/ 10 Lines
ROTARY TABLE	SJPetro 37 1/2" Rotary / Hydraulic Driven
TRAVELING BLOCK	Cont. Emsco 650 Ton - 1 1/2"
TOP DRIVE	NOV TDS-11SAE 500 Ton
IRON ROUGHNECK	Varco ST-80C
HYDRAULIC CATWALK	Forum
PIPE HANDLING	IAT Rotating Mouse Hole

POWER PACKAGE

ENGINES	(4) Caterpillar 3512
DIESEL	18,000 gal
BI-FUEL	NA
GENERATORS	(4) Kato 1365kw
SCR SYSTEM	(4) Omron Generator Bays / (4) SCR Bays

BOP EQUIPMENT

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

TUBULARS

DRILL PIPE	TBD
DRILL COLLARS	TBD

MAST & SUBSTRUCTURE

MAST

TYPE	IDS 154'
HOOK LOAD	1,400,000#
RACKING CAPACITY	33,000' 5" / 30,000' 5 1/2"

SUBSTRUCTURE

TYPE	Box on Box 30'
CLEAR HEIGHT	22'
LOAD RATINGS	1,400,000# Casing / 800,000# Setback
RIG WALKING SYSTEM	Veristic Walking System (Optional)
PAD CAPACITY	150'x40' x, y Axis

MUD SYSTEM

MUD PUMPS	(3) HH-1600 (1600HP)
FLUID ENDS/ DELIVERY SYSTEM	7,500# WP PSI Fluid Ends and Delivery System
CHARGING PUMPS	(3) 6x5x14 60HP
PROCESS PIT	(600 bbl) Four-Compartment w/ (3) Agitators
SUCTION PIT	(600 bbl) Four-Compartment w/ (4) Agitators
TRIP TANK	(100 bbl) One-Compartment w/ 10HP Agitator
TRIP TANK PUMP	4x3x13 100HP
SHALE SHAKERS	(3) Brandt King Cobra Linear Motion
DEGASSER	Brandt D-1000-C
DESANDER	NOV Brandt 3-10' Cones
DESANDER PUMP	6 x 8 Centrifugal 100HP
DESILTER	NOV Brandt 20-4" Cones
DESILTER PUMP	6 x 8 Centrifugal 100HP
MUD MIXING PUMPS	6 x 8 x 14 100HP
DRILLING WATER	500 bbl

TRANSPORT

ESTIMATED LOADS	45 Loads Plus Tubulars
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