



# ATLAS DRILLING RIG # 6

## HOISTING & ROTATING

Drawworks	OWI 1600-AC rated @ 1600 HP/ 750,000# hoisting capacity driven by (1) Joliet 1800 HP AC Motor
Rotary Table	ZP 275 (27.5") with independent hydraulic drive
Traveling Block	McKissick (400 Ton) Block
Top Drive	National Oilwell Varco TDS-11SA, (500 Ton) rated @ 800 HP
Iron Roughneck	National Oilwell Varco ST-80C Iron Roughneck
Hydraulic Catwalk	CanRig PowerCAT 3000

## MAST & SUBSTRUCTURE

Mast Design	Veristic 142' 768,000 # SHL
Racking Capacity	25,000' with 5" Drill Pipe
Sub Design	Veristic 27' H Box-On-Box, rated @ 760,000# Rotary/ 650,000# Setback

## DRILLING CONTROL SYSTEM

Driller's Cabin	Current Power climate-controlled cabin with fully integrated controls, instrumentation, and driller's chair
Operating System	Current Power comprehensive precision control system with driller's workstation

## POWER PACKAGE

Engines	(3) CAT 3512C rated @ 1476 HP
Generators	(3) Kato 6P6-3150 rated @ 1204 kW
VFD System	Current Power w/ (3) Generator Bays, (4) Inverter Bays

## BOP EQUIPMENT

Annular	Shaffer Type 13 5/8" 5M
Double Ram	Cameron Type 13 5/8" 10M Type U
Single Ram	Cameron Type 13 5/8" 10M Type U
Accumulator	Advanced Pressure 220 Gallon, 6 Station Closing Unit
Choke Manifold	4" x 3" 10M with (2) Adjustable Chokes
BOP Winches	Ingersoll Rand Hercu-Link (75 Ton)

## MUD SYSTEM

Mud Pumps	(3) Continental Emsco type 1600 HP triplex, rated @ 7500 psi, each driven by (1) Joliet 1600 HP AC Motor
Charging Pumps	(3) 6x5x11 driven by a 50 HP / 1770 rpm electric motor
Pits	(2) Pit Mud System with 1000 bbl. capacity, (6) compartments, (4) 10 HP mud agitators, and jet barrels
Shale Shakers	(3) Derrick Hyperpool Linear Motion Shale Shakers
Desander	Two Cone Desander
Desilter	One Twelve (12) Cone Desilter
Flow Line Manifold	(1) 60' skid equipped w/ 90 bbl. Trip Tank, Mud Gas Separator (5'OD x 21' L), and jetted Flow Line Extension

## WALKING SYSTEM

Veristic Rig Walker	Multi Directional Walkers w/ 36" stroke, built into the substructure eliminating loads and rig-up.
---------------------	--

## TUBULARS

Drill Pipe	5" 19.50# S-135
Drill Collars	as needed for normal drilling operations

## STORAGE CAPACITIES

Drilling Water	500 bbl
Diesel	21,000 gallons