

RIG SPECIFICATION SHEET

AD51



Rig HP Rating	2000 hp
Rig Builder/Year	DRILLMEC /2015
Last Upgrade	2024
Cat IV Inspection Date*	2025
Load Rating	1,000,000 lbs
Nom. Depth Rating	21,000 ft.
Skidding Capable	No
Load Count	89 excluding offices & camp
Crane Required to Move	Yes

MAST

Make	DrillMec.
Height	157 ft.
Static Hook Load	1,000,000 lbs
Drilling Line Size	1-1/2"

SUBSTRUCTURE

Make	DrillMec.
Floor Height	35'
Clear Height	30'
Rotary Load Capacity	1,000,000 lbs
Setback Load Capacity	800,000 lbs

DRAWWORKS

Make	DrillMec.
Model	MAS7000GD-010A
Horsepower Rating	2000 hp

TRAVELLING ASSEMBLY

Traveling Block	HONG HUA YC450
Load Rating	500 t
Swivel	ABCO
Load Rating	500 t

TOP DRIVE

Make	DrillMec.
Model	ETD 500
Load Rating	500 t
Max Drill Torque	51,630 ft-lb
Breakout Torque	78,846 ft-lb

ROTARY /SLIP TABLE

Table Opening Size	37 1/2"
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MUD PUMP(S)

Make	DrillMec.
Model	12T1600
Max Input HP	1600 hp

MUD SYSTEM

Active (usable) Volume	1500 bbls (Total 4500bbls)
Number of Tanks	7
Solid Control system	4 Swacos

POWER GENERATION

Engine	CAT 3512B, 1476 hp
Generator	CAT S4B
Voltage Rating	600
Power Rating	1225 kW

WELL CONTROL

Annular Preventer	NOV Shaffer WC-SBOP
Pressure Rating, Size	10,000 psi, 13 5/8"
Ram Preventer	Cameron Type "U" Double - 2 ea
Pressure Rating, Size	10,000 psi, 13 5/8"
Choke Manifold	SRI Energy
Pressure Rating, Size	10,000 psi, 4-1/16"
Accumulator Unit	CAD

TUBULARS

Drill Pipe	(5-1/2" XD Grade - 15,000') (5-1/2" S Grade - 7,000') (4" - 8,000') (2-3/8" - 5,000' (Shared))
HWDP	(6-5/8" - 15 jts (Shared)) (5-1/2" - 50 jts) (4" - 100 jts)
Drill Collars	(9-1/2" - 18 jts) (8-1/2" - 30 jts) (6-1/4" - 30 jts) (4-3/4" - 30 jts) (2-7/8" - 24 jts (Shared))

ADDITIONAL EQUIPMENT

BOP Handling system	150 Tons System, JD NEUHAUSE
BOP Torque Wrench	Yes
BOP Test Equipment	CAD
Floor Wrench	FH-120
Mechanized Catwalk	NA
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	CAT 3412 / CAT SR 4B



* Applies to Mast / Derrick and Substructure.