

DRAVUS

Rev02_April 2024



GENERAL INFORMATION

Rig Type	Land Rig
Rig Design	DRILLMEC TELESCOPIC HYDRAULIC MAST
Accommodation Capacity	Rig: 10 Camp: 66
Max Drilling Depth	2,000 m

DRILLING EQUIPEMENT

Derrick	Make – Height	Rig Master Telescopic – 88 ft
	Max Pull up/down	100 ton max pull up, 20 ton max pull down
	Racking capacity	4" DP 8,000 ft
	Jib crane	Yes
Top Drive	Make Model	Drillmec HTD 100 Hydraulic Top Drive
	Max torque / speed	26,430 lb-ft max torque / 154 rpm
Drawworks	Make Model	Master P750 driven by Detroit Diesel Serie 60
	HP Rating	750 hp
	Brakes	Elmagco Baylor Model 5032
Rotary Table	Drillmec, 20-1/2" (32-1/2" without master bushings), 100 ton rated capacity	
Crown Block	Drillmec 100 ton rated capacity, 4 x 25-1/2" sheaves with 5/8" line groove	

WELL CONTROL SYSTEM

Annular	11" Hydril GK x 5,000 psi
BOP	11" Shaffer LWD 5,000 psi double
BOP Outlets	3-1/8"
BOP Control System	USA Pressure Control, 3000psi system, 8 x 11 gal bottles
Choke Manifold	MSI, 2-1/16" x 5,000 psi

MUD SYSTEM

Mud Pumps	Number x Make Model	3 x Gardner Denver PZ-7 Triplex Each driven by Detroit 12V92TA engine
	HP Rating	700 hp
	Max Pressure	5,000 psi
Shale Shakers	2 x Brandt King Cobra Venom	
System max pressure	5,000 psi	

POWER GENERATION

Main Engine	Rig Floor (Drilling Equipment & HPU) Rig	Caterpillar C18 ACERT, 575 hp 2 x Perkins 2806A-E18TAG2, 850 hp each
Generators	Rig	2 x Leroy-Somer TAL047F, 721 kVA
Hydraulic Power Units	Number x Make/Model	4 x DENISON P7W
	Displacement	7.23 cu.in
	Max Pressure	5,000 psi
	Number x Make/Model	1 x CASAPPA HDP 30
	Displacement	3.14 cu.in
	Max Pressure	3,000 psi

STORAGE CAPACITY

Fuel	20 m ³	Potable Water	20 m ³
Drill Water		Bulk Mud	
Liquid Mud		Bulk Cement	
Brine		Bulk Barite	
Base Oil		Hydraulic Oil Tank	1,700 L

TUBULARS

Drill pipes	222 jt x 4" S135 XT39		
HWDP	29 jt x 4" XT39		
Drill Collars	• 15 jt x 4-3/4" Spiral NC38	• 2 jt x 6-1/4" Slick Pony NC46 (10 ft)	
	• 30 jt x 6-1/4" Slick NC46	• 2 jt x 6-1/4" Slick Pony NC46 (20 ft)	
	• 24 x 6-3/4" NC46 Range 2		