

MIDIR

Rev02_July 2023



GENERAL INFORMATION

Rig Type	Land Rig
Rig Design	Pad Skidding
Accommodation Capacity	Rig: 18 beds Camp: 122 beds
Max Drilling Depth	10,000 ft

DRILLING EQUIPEMENT

Derrick	Make - W x H	Rig Master Telescopic – 9.5 ft x 102 ft
	Max. Hook Load	350,000 lbs with 8 lines – 300,000 lbs with 6 lines
	Racking	4" DP 8,000 ft
		Yes
Top Drive	Make Model	Tesco 250 HMI (Hydraulic: currently in use)
	Output Power	475 hp
	Rated Capacity	250 ton, 18,100 ft-lb low gear 9,000 ft-lb high gear, and 20,700 ft-lb breakout
	Make Model	Canrig 250 EMI 400 (Electric: to be installed End 2023)
	Output Power	400 hp
	Rated Capacity	250 ton, 24,000 ft-lb low gear and 35,000 ft-lb breakout
Drawworks	Make Model	Master P750 driven by Detroit Diesel Serie 60
	HP Rating	750 hp
	Brakes	Eaton Brake – WCB136
Rotary Table	Ideco 175-F, 17-1/2" with hydraulic motor, 250 ton rated capacity	
Travelling Block	Tesco, 250 ton rated capacity, 4 x 36" sheaves with 1-1/8" line groove	

WELL CONTROL SYSTEM

Annular	11" T3 Energy x 5,000 psi
BOP	11" T3 Energy 5,000 psi double (Double : PR, BSR)
BOP Outlets	T3 – 4 x double 3-1/8" 5,000 psi WP – 2 x Axon flanged outlets 3-1/8" 5,000 psi WP
BOP Control System	Control Technology, 132 gal, 3,000 psi system, 12 bottles x 11 gal each, 210 gal reservoir
Choke Manifold	3-1/8" x 5,000 psi WP

MUD SYSTEM	
Mud Pumps	Number x Make Model 3 x Tri-Service Manufacturing LTD (1 to be installed) Each driven by Detroit MTU 12V2000 engine 1 x Gardner Denver PZ-9 Triplex (Spare currently in use)
	HP Rating 764 hp each pump
	Max Pressure 5,000 psi
Shale Shakers	2 x Brandt King Cobra
System max pressure	5,000 psi
Degasser	Derrick, Vacu-Flo 1200, 1200 gpm

POWER GENERATION	
Main Engines	3 x Detroit Diesel Diesel Serie 60, 635 hp each
Generators	3 x Stanford, 470 kW each

STORAGE CAPACITY			
Fuel	194 bbl (Rig), 150 bbl (Camp)	Potable Water	250 bbl (Camp)
Drill Water	250 bbl	Bulk Mud	N/A
Liquid Mud	1,446 bbl (including trip tank)	Bulk Cement (POS)	2 x 60 ton silo
Brine	N/A	Bulk Barite	N/A
Base Oil	N/A	Sack Room	N/A

TUBULARS	
Drill pipes	3,000 m x 4" S135 XT39 Range 2
HWDP	300 m x 4" S135 XT39 Range 2
Drill Collars	<ul style="list-style-type: none"> • 16 jt x 6-1/2" Spiral NC50 REG Range 2 • 24 jt x 4-3/4" DC Spiral 3-1/2" IF Range 2 • 8 jt x 8-1/4" DC Spiral 6-5/8" REG Range 2