



Indicator Drilling Services Pty Ltd

Maintenance register – mantis rig

Name of person reporting	Date	Vehicle/Equipment	Maintenance required/performed	Name/signature of supervisor reported to	Completion date
Richard Brydon	02.03.2019	Mantis rig	Serviced and changed oil and filters	Gayle Tolland	02.03.2019
Richard Brydon	03.03.2019	Mantis rig	Rig repainted and new stickers applied	Gayle Tolland	10.03.2019
Richard Brydon	20.06.2019	Mantis rig	Winch repaired	Gayle Tolland	20.06.2019
Richard Brydon	21.06.2019	Mantis rig	Spin cage repaired	Gayle Tolland	21.06.2019
Richard Brydon	24.06.2019	Mantis rig	Rig greased	Gayle Tolland	24.06.2019
Richard Brydon	03.07.2019	Mantis rig	Appropriate movement alarms installed by auto electrician	Gayle Tolland	03.07.2019
Richard Brydon	10.07.2019	Mantis rig	Rig trammed to designated work area (lay down) for mode change and mechanical issue found with the spindle requiring repairs to be carried out.	Gayle Tolland	15.07.2019
Richard Brydon	12.08.2019	Mantis rig	Dust suppression installed	Gayle Tolland	13.08.2019
Richard Brydon	21.08.2019	Mantis rig	Sample hose replaced	Gayle Tolland	22.08.2019
Richard Brydon	12.09.2019	Mantis rig	Fix oil leak in rear tank	Gayle Tolland	12.09.2019
Richard Brydon	13.09.2019	Mantis rig	Rebuild head with replacement gear	Gayle Tolland	18.09.2019
Richard Brydon	13.12.2020	Mantis rig	Faulty fine feed. Repairs/maintenance to fine feed relief valve (o'ring replaced) & jack leg valve bank (loose plug). Repairs: NSB Mechanical Engineering	Gayle Tolland	13.12.2020



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Richard Brydon	05.01.2021	Mantis rig	Winch brake slow to activate. Repairs to winch brake/ power supply to pressure switch that was affecting brake.	Gayle Tolland	05.01.2021 NSB Mechanical Engineering
Richard Brydon	29.01.2021	Mantis rig	Faulty murphy control module replaced and temp sender wiring repaired.	Gayle Tolland	29.01.2021 R&J Moss
Richard Brydon	08.02.2021	Mantis rig	Repair cyclone	Gayle Tolland	08.02.2021 KEV Engineering
Richard Brydon	08.02.2021	Mantis rig	Manufacture new cyclone and associated parts	Gayle Tolland	08.02.2021 KEV Engineering
Richard Brydon	03.05.2021	Mantis rig	Remove hydraulic pump for replacement. Replacement pump (GP151 series four stage pump) installed (sourced from Gear Pump Distributors) Fit new chain to top sprocket.	Gayle Tolland	Bendigo Air & Hydraulics. Gear Pump Distributors
Richard Brydon	12.05.2021	Mantis rig	Replaced brake valve on head	Gayle Tolland	12.05.2021
Zach McDonald	17.05.2021	Mantis rig	Head slides machined/repared and new shims added	Gayle Tolland	17.05.2021 KEV Engineering
Zach McDonald	01.06.2021	Mantis rig	Rig serviced at 840hrs	Gayle Tolland	02.06.2021
Zach McDonald	03.06.2021	Mantis rig	Brake unit for feed motor replaced.	Gayle Tolland	03.06.2021



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Zach McDonald	03.06.2021	Mantis rig	Wiring inspected & repaired/replaced where required	Gayle Tolland	03.06.2021 RJ Moss
Zach McDonald	12.02.2022	Mantis Rig	Rig Serviced	Gayle Tolland	12.02.2022
Zach Mc Donald	20.03.2023	Mantis Rig	Tool Box Installed	Gayle Tolland	20.03.2023
Zac Mc Donald	05.05.2023	Mantis Rig	Double Brakeouts Installed	Gayle Tolland	05.05.2023