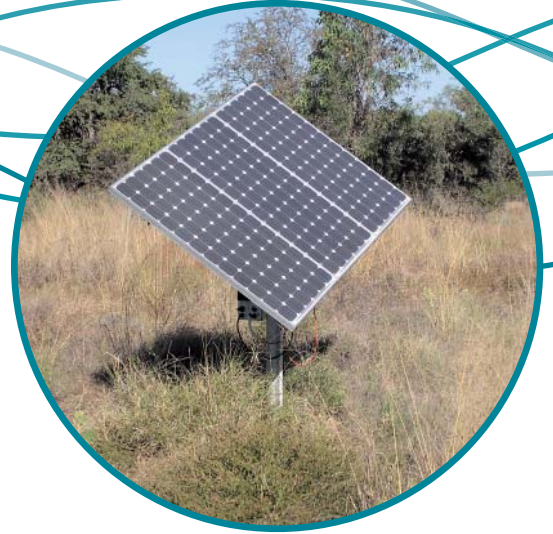


# Mono's Sun Sub Saving Operational Costs



Rocky Murdica and his wife Wendy have been farming in the Labertouche area for 14 years. Rocky had a windmill over a bore that had not run for a while. He wished to utilise the bore for supplying his cow shed and trough system, this is where NOV Mono® came into the picture.

Rocky had participated in the focus farm project over three years, which gave him the opportunity to measure and test various farming practices. Following this opportunity, Rocky decided to install a Mono Solar System to extract water from his bore without having to incur the costs of running a more conventional AC or diesel powered pumping system.

The chosen Mono submersible solar system known as the "SUN SUB" consisted of three 175W panels capable of producing over 1500 litres per hour while the sun shines. In fact, with great efficiency, the system pumps up a 2" line over several hundred metres to a tank at the cow shed... all this with no monthly power bills or associated fuel costs!

The solar panels are governed by a tracking device which improves performance by about 30% over a fixed system. The pump has a dry run protection and is fitted with an inbuilt pressure control to switch off the pump when the tank is full. In addition, the speed in which the pump operates can be selected to maximize flow at any time of the day.

Rocky and Wendy have been dairy farming on over 250 acres at Labertouche, they milk over 180 cows calving mostly in the spring and milk mostly off grass. In terms of how the season has started to take shape the Murdica's expressed, "it's the best we have had for over 20 years for this region".

Rocky concluded by saying "the no cost of running the system appealed to me, as power was to far away, and the windmill did not give us enough water in the summer. I am extremely happy with the performance so far".

The systems selection, commissioning and success could not have been possible without the outstanding support and expertise provided by Farm depot, a well recognised Nov Mono® pump dealer that services the South East of Victoria.

To find out how Mono can help you determine if solar is the right solution for you please contact your nearest Mono office or call 1800 138 333 or visit [www.monopumps.com.au](http://www.monopumps.com.au)

Product Type: Sun-Sub

Capacity: 15,000 Litres per day average

Pressure: 120m

Drive: 1:1 3000 RPM



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