

Well Details

Client Name/Well/borehole location:			
Construction:	Steel <input type="checkbox"/>	PVC <input type="checkbox"/>	Fiberglass <input type="checkbox"/> Other: _____
Frequency & duration of pumping:		Open hole <input type="checkbox"/>	Screened <input type="checkbox"/>
General description of problem:			

Clogging Composition (Use *BoreSaver Range Usage Chart* on reverse for guidance)

	If 'YES' use IKL Pro (Tick boxes that apply)			If 'Yes' use ULTRA C (Tick boxes that apply)		
	Yes	No	Unsure	Yes	No	Unsure
Calcium/Limescale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manganese *	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General scale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Well and Clogging Quantity Factor			Product Calculator			
Rating	Location of Clogging/Characteristics/Timeline	✓ or ✗	Quantity Calculator			Unit
Maintenance	Cleaned within the last 12 months	<input type="checkbox"/>	Total Well Depth			Meters
	Screen/hole diameter smaller than 20"	<input type="checkbox"/>	Standing Water Level (SWL) (measured from top to bottom)			Meters
	Soft Mushy Oxides/loose Developed Carbonates	<input type="checkbox"/>	Water column depth (Total less SWL)			Meters
Regular	Clogging less than 1" thick	<input type="checkbox"/>	Internal Diameter (ID)			Mm
	Continuous slotted screens	<input type="checkbox"/>	Water volume to be treated (From Product Calculator)			Liters
	Between 24 & 12 months since last clean	<input type="checkbox"/>	BoreSaver Product Type	Total Required (kg)	Dose Rate %	Rating
	Clogging more than 1" thick	<input type="checkbox"/>	Ultra C		2.00%	Maintenance
Severe	Solid Iron Oxide/hard brittle carbonates	<input type="checkbox"/>			4.16%	Regular
	Slotted Screens	<input type="checkbox"/>			5.00%	
	Screen/hole diameter larger than 20"	<input type="checkbox"/>			7.00%	Severe
	More than 24 months since last clean	<input type="checkbox"/>	IKL		5.00%	Maintenance
The amount of ticks gives you a good indication of the type of clean you require				7.00%	Regular	
				10.00%	Severe	

Post Treatment Data - Specific Capacity (SC) Monitoring Result

Original Drilled	Current	Target	Achieved	
				ltrs per m
				Improvement achieved %

Rating Overview

Maintenance Clean: Where the oxide residues are fresh, soft and sloppy with no thick hard layers maintenance clean quantities will be suitable. This is generally the case where the well is cleaned once or twice a year.

Regular Clean: When the iron oxide turns solid, with just a layer of the soft sloppy residues, we class the well as a "regular" clean. This is the standard clean amount and allows for the void and some aquifer penetration.

Severe Clean: When the iron oxide deposits have turned very hard and are an inch or so thick, the well is classified as severe. Often these wells have not been cleaned for up to 20 years and are close to being abandoned because of iron oxide problems.

Rehabilitation Method Guidance

Surging, scrubbing and brushing	This along with <i>BoreSaver Ultra C</i> and <i>IKL PRO</i> gives the most consistent highest level of rehabilitation recovery possible.
Air Surging	Air surging is the next best method after surging and scrubbing.
Pump Cycling	This is an inexpensive method of cleaning that focuses almost entirely on the pump and head works. Little screen or formation penetration is possible with this method.

Keys to successful rehabilitation

- ❖ Use the recommended amount of product for the situation.
- ❖ You should do two treatments for a severe problem rather than increasing the treatment concentration beyond the recommended dose (Phased Treatment).
- ❖ Get the product to the area that needs it i.e. wells with more than 50m of water depth it may be useful to use a tremmie to get product directly into the screens.
- ❖ Agitate the treatment solution thoroughly in the target zone.
- ❖ Leave in place for the recommended time (longer is not better)

Overview

This document is designed to allow fast accurate assessment of a clients rehabilitation needs. This easy to use checklist collects all the essential information required to both maximize well recovery and aid future rehabilitation programs.