Bore or Well No: M34/5653

Well Name:

Owner: Amberley Olives limited



Street of Well: 63 Racecourse Road File No: CO6C/21617

Locality: Amberley Allocation Zone: Waipara

NZTM Grid Reference: BV24:77206-26239 QAR 2 CWMS Zone: Hurunui - Waiau

NZTM X-Y: 1577206 - 5226239

**Location Description:** In yard behind house. **Uses:** Irrigation

ECan Monitoring: Domestic Supply

Well Status: Active (exist, present)

Drill Date: 06 May 2004 Water Level Count: 318

Well Depth: 32.20m -GL Strata Layers: 6
Initial Water Depth: -6.07m -MP Aquifer Tests: 1

**Diameter:** 150mm Yield/Drawdown Tests: 2

Measuring Point Ait: 71.50m MSD QAR 4 Highest GW Level: 2.33m below MP

GL Around Well: -0.34m -MP Lowest GW Level: 8.29m below MP

MP Description: ToC First Reading: 08 Jul 2007

Last Reading: 28 Apr 2016

**Driller:** Texco Drilling Ltd **Calc. Min. (Below MP):** -4.80m -MP

Drilling Method: Tubex Last Updated: 03 May 2016
Casing Material: STEEL Last Field Check: 28 Apr 2016

Pump Type: Submersible

Yield: 2 l/s Aquifer Type:
Drawdown: 13 m Aquifer Name:

Specific Capacity: 0.12 l/s/m

## Screens:

Screen No.	Screen Type	Top (m)	Bottom (m)	Diameter (mm)	Leader Length (mm)	Slot Size (mm)	Slot Length (mm)
1	Stainless steel	29.2	32.2				

Step Tests:							
Step Test Date	Step	Yield (I/s)	Drawdown	Duration (mins)			
21 Jul 2007	1	1.5	13.04				
07 Feb 2009	1	1.5	12 95				

Date	Comments
04 Feb 2005	Consent holder supplied photo of well head but after scanning photo is not legible. Record No C04C/56014
05 Dec 2007	Gridref changed from: M34:8722-8786 Water levels recorded by landowner using a conductive wire connected to a battery and a light bulb. Errors of +/- 5cm.
05 Dec 2007	Pumping at ~1.5L/sec for 3.25 hrs DD of 13.04m (-4.94m to -17.98m) = SC ~0.12. Full recovery after pumping takes approximately 12 hrs. Data measured by landowner.

## Aquifer test date(s) where this is the pump bore

07 Feb 2009 - constant

## Aquifer test date(s) where this is an observation bore

## Borelog for well M34/5653

Grid Reference (NZTM): 1577207 mE, 5226240 mN

Location Accuracy: 2 - 15m

Ground Level Altitude: 71.2 m +MSD Accuracy: < 0.5 m

Driller: Texco Drilling Ltd Drill Method: Tubex

Borelog Depth: 35.5 m Drill Date: 06-May-2004



	Water					Formation
Scale(m)	Level	Depth(m)		he	Full Drillers Description	Code
		0.10m 0.10m	0::0::0::	1	top soil	
П	1.99		::0::0::0		dark brown sandy, small to medium	
Н	Δ				gravel, rare clay	
Н	T		00.:0::			
			10.0.0			
_ []		4.50m			alada bassa asada asada asada sa	
5		4.50m	0::0::0::		dark brown sandy, small to medium gravel, rare clay	
H			1:0::0::0		dark brown sandy, small to medium gravel, rare clay, very damp	
Ц			5.0.0.		graver, rate day, very damp	
	Ą		9			
H ·	7.95		::0::0::0			
H			<b>5</b> .0.50.			
10			P			
			::0::0::0			
Н		11.50m				
Н		11.50m	0.:0::0::	1	dark brown sandy, small to medium gravel, rare clay, very damp	
Ц			[:O∷O∴O,	)	dark brown sandy, small to medium	
			D: 0::0::0		gravel, water	
			0.0.0.			
15			D::0::0::0			
			:0::0::0::			
			1:0::0::0			
			0::0::0::			
H			.0.0.0			
			0:0:0:0:0			
20			0.00			
П			2000			
Н			0.0.0			
Н						
			3.0.0.0.0			
П						
Н						
25			2.0.00			
			0.00.00			
			1.0.0.0			
			0::0::0::			
			.0::0::01			
			h::0::0::(			
20		П	[:O::O::O:			
30			)::0::0::C			
Н			0:0::0::			
			0.00			
П		Ш	0.00.00.0			
Н		33.50m	0.0.0			
Ц		33.50m	0::0::0::		dark brown sandy, small to medium	
35		34.50m 34.50m	0:0:0:	1	gravel, water dark brown sandy, small to medium	
		35.50m	E. G. G.	11	gravel, no water or very little water	