

Elaborazioni prove pompaggio Prova di lunga durata

SKF - RFT

Site Name: Pozzo 1
Location: Villanova d'Asti
Test Date: 26/11/2018
Client: SKF - RFT
Project Number: 1

Well Discharge Rate: 30. liters/second
Storativity: 2.e-004

Well Label:

Distance to Obs Well: 0.2 meters 0. meters 0. meters 0. meters 0. meters

Aquifer Top to Screen Top: 0. meters 0. meters 0. meters 0. meters 0. meters

Aquifer Top to Screen Bottom: 0. meters 0. meters 0. meters 0. meters 0. meters

Aquifer Thickness: 240. meters

There are 15 time and drawdown measurements

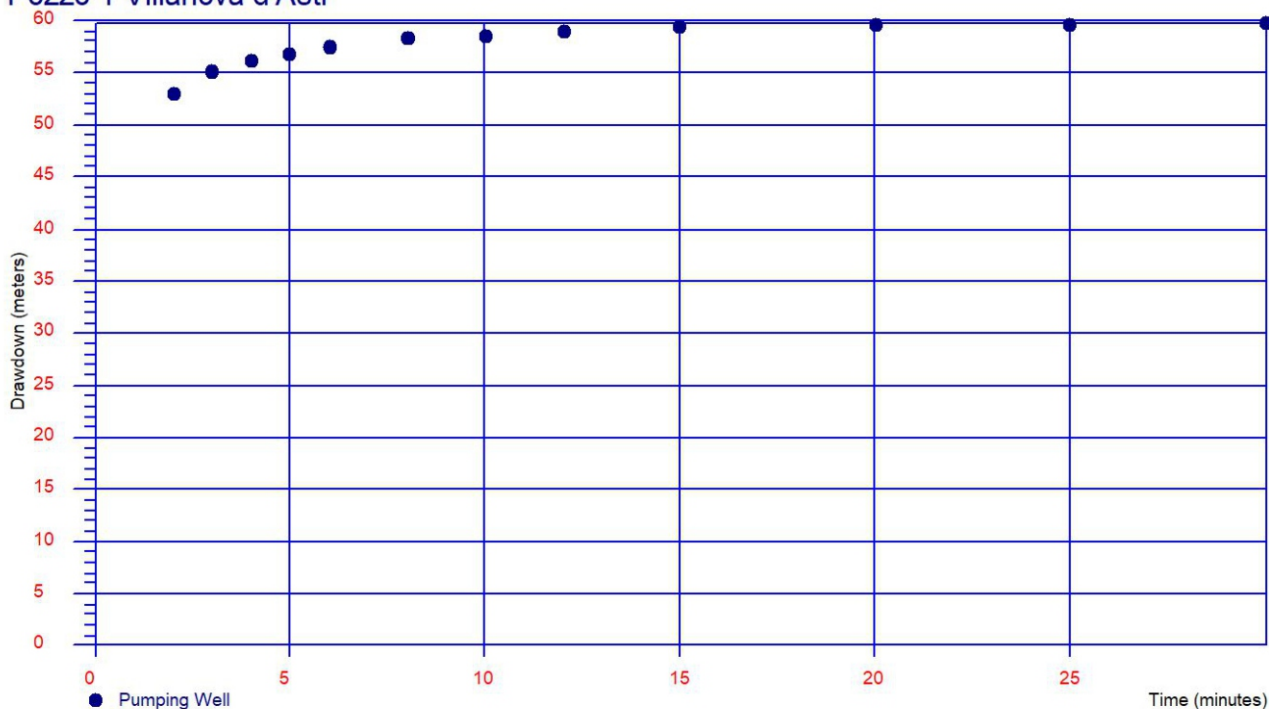
There are 15 pumping trials

Trial	Time (seconds)	Obs Well 1 (meters)	Obs Well 2 (meters)	Obs Well 3 (meters)	Obs Well 4 (meters)	Obs Well 5 (meters)
1	0.	42.68	0.	0.	0.	0.
2	30.	47.8	0.	0.	0.	0.
3	60.	50.1	0.	0.	0.	0.
4	120.	53.03	0.	0.	0.	0.
5	180.	55.05	0.	0.	0.	0.
6	240.	56.09	0.	0.	0.	0.
7	300.	56.87	0.	0.	0.	0.
8	360.	57.47	0.	0.	0.	0.
9	480.	58.27	0.	0.	0.	0.
10	600.	58.56	0.	0.	0.	0.
11	720.	59.02	0.	0.	0.	0.
12	900.	59.4	0.	0.	0.	0.
13	1200	59.52	0.	0.	0.	0.
14	1500	59.66	0.	0.	0.	0.
15	1800	59.68	0.	0.	0.	0.

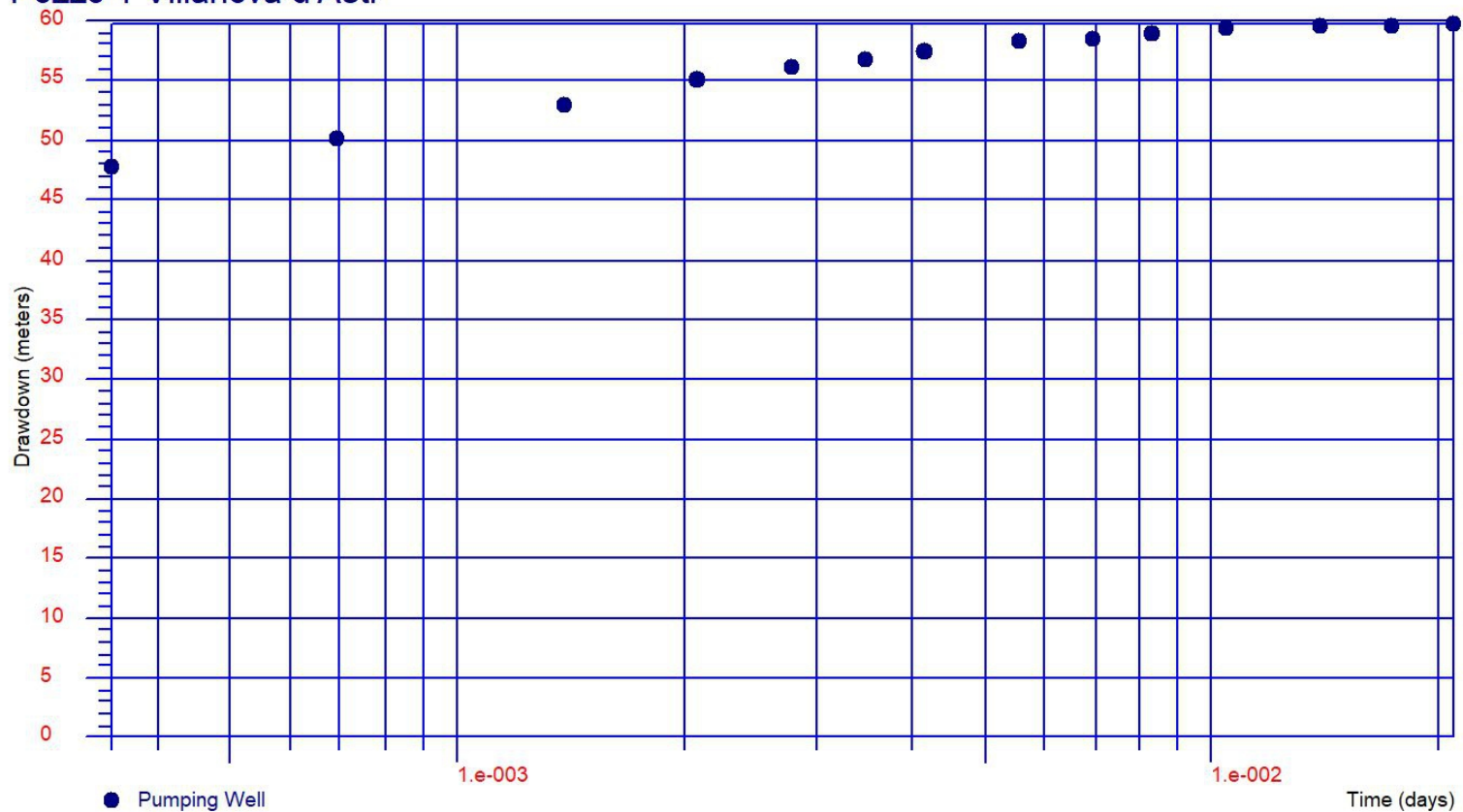
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Arithmetic Graph

Pozzo 1 Villanova d'Asti

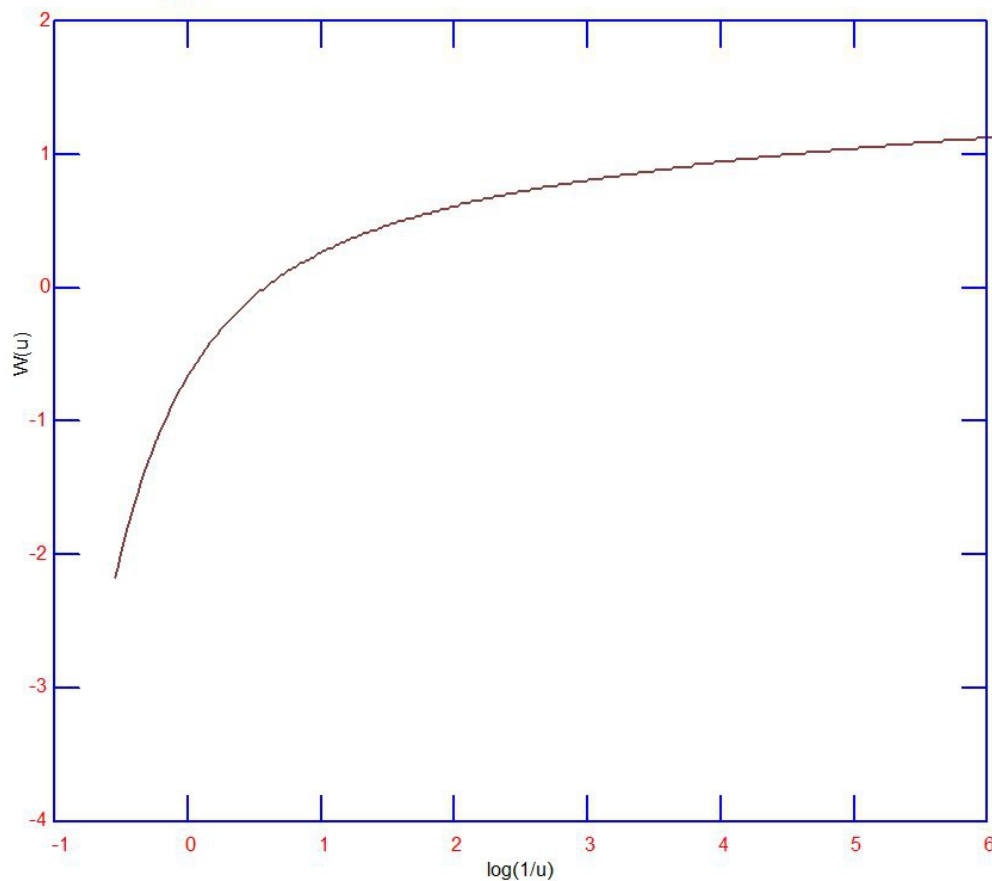


Pozzo 1 Villanova d'Asti



Project Number 1 for SKF - RFT
Analysis by Starpoint Software

Theis Type Curve SKF - RFT 26/11/2018



Distance to Obs Well
0.2 meters

$u = 5.9e-003$
 $1/u = 169.5$
 $W(u) = 19.97$

Transmissivity
 $4.767e-002$ m²/sec

Hydraulic Conductivity
 $1.986e-004$ meters/sec

Storativity
2430

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