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Autore	Woodson R. Dodge (Roger Dodge), <1955->
Titolo	Audel water well pumps and systems mini-ref [[electronic resource] /] / R. Dodge Woodson
Pubbl/distr/stampa	Hoboken, New Jersey, : John Wiley & Sons, [2012]
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Descrizione fisica	1 online resource (194 p.)
Collana	Audel technical trades series
Classificazione	HOM005000
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Soggetti	Wells Wells - Maintenance and repair Pumping machinery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Audel WaterWell Pumps andSystems Mini-Ref; Contents; Chapter 1 TYPES OF WELLS; Dug Wells; Shallow Wells; Drilled Wells; Driven Wells; Jetted Wells; Alternative Water Sources; Recovery Rate; Water Storage Tanks; Chapter 2 TYPES OF WELL PUMPS; Booster Pumps; Simple Pump Choices; Shallow-Well Jet Pumps; Deep-Well Jet Pumps; Submersible Pumps; A Rule-of-Thumb; Cost; Chapter 3 PUMP SELECTION; Refresher Course; Friction Loss; Minimum Water Requirements; How Deep Is the Water In the Well?; Recovery Rate; Water Pressure; Planning for Future Use Conditions; Summary; Chapter 4 WELL PRESURE TANKS Stand ModelsIn-Line Models; Pump Stand Models; Underground Models; How Does a Diaphragm Pressure Tank Work?; Pressure Tank Capacity; A Preinstallation Process; Mounting a Pressure Tank; Positioning In-Line Tanks; Mounting a Pump Stand Model; Mounting a Vertical Stand-Model Pressure Tank; Underground Well Pressure Tanks; Manifold Installations; Fine-Tuning Your Installation; Chapter 5 WELL PIPING CHOICES; Polyethylene Pipe (PE); Copper; Cross-linked Polybutylene (PEX); Which Pipe?; Piping Specifications; Some Installation

Pointers; Chapter 6 WELL SYSTEM COMPONENTS; Major Components
Check Valves Gate Valves; Foot Valves; Relief Valves; Pressure Gauges;
Pressure Switches; Boiler Drains; Torque Arrestors; Pitless Adapters;
Tail Pipes; Well Rope; Tank Tees; Unions; Electrical Devices; Chapter 7
ELECTRICAL FACTS AND FIGURES; Manufacturer's Recommendations;
Connecting the Pressure Switch; Wiring for Submersible Pumps; Chapter
8 JET PUMP INSTALLATIONS; New Installation of a Shallow-Well Jet
Pump; Replacing a Shallow-Well Jet Pump; The Installation of a Deep-
Well Jet Pump; Chapter 9 SUBMERSIBLE PUMP INSTALLATION; Pitless
Adapter; Connecting a Drop Pipe to a Submersible Pump
Wiring the Pump Connecting the Drop Pipe to the Pitless Adapter;
Lowering the Pump; Connecting Wires at the Wellhead; Inside the
Foundation; Chapter 10 BOOSTER PUMPS; General Information; Sizing
Booster Pumps; Installation Diagrams; Chapter 11 WATER QUALITY;
Noticeable Problems; Naturally Occurring Pollutants; Microorganisms;
Radionuclides; Nitrates and Nitrites; Heavy Metals; Fluoride; Human
Activity; Chapter 12 TROUBLESHOOTING AND REPAIRS; General
Information; Problems and Solutions; Electrical Instructions; Typical
Wiring Diagrams; More Electrical Testing
Appendix: ADDITIONAL INFORMATION AND RESOURCES Well FAQ; Well
Maintenance; Well Treatment; Well Testing; Water-Related Diseases and
Contaminants in Private Wells; Private Well Water and Fluoride;
Resources

Sommario/riassunto

Introducing an Audel "Mini-Ref" for tradespeople working on water
well pumps and pumping systems Water well pumps are used
everywhere, with installations numbering in the millions. It's hard to
believe that no one has written a small field book that covers these
pieces of equipment. Finally, here's a great handy guide is for anyone
who needs to know how these pumps work, how to troubleshoot
problems unique to this type of piping system, and how to make
common repairs for both above ground and submersible pumps. It
contains vital and specific references applicable to a wide range of

2. Record Nr.	UNICAMPANIAVAN0124795
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Titolo uniforme	Lectures on Convex Optimization
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