APPENDIX 240-1

METHODS FOR ATTACHING WELL IDENTIFICATION TAG

MONITORING WELLS

Tags should be placed in an accessible and visible location.

For above ground completion wells:

Place tags at least 6 inches above ground level. Attach the tag to the outside of the protective casing.

The following methods are recommended by the Oregon Water Resources Department:

A. Strap the tag to the well casing or access port. Stainless steel bands or large hose clamps designed for exterior use are recommended. Straps may be available at electrical, auto supply or construction supply stores. Ultra violet resistant nylon straps are also acceptable. Any band used should be designed for exterior applications.
B. Rivet or bolt the tag to the well casing. Stainless steel rivets may be used.

For flush grade completion wells:

B. Rivet or bolt the tag to the inside of the monument skirting.
B. Band or strap the tag to the well casing.
C. Insert the strap or band into the concrete in the bottom of the vault.

Regardless of which method is used, the identification label must be easily readable.

Other options may be used provided the installation is permanent and visible. Please contact the Water Resources Department for other options.

TABLE 240-1

CONSTRUCTIONS STANDARDS THAT APPLY

The Department regulates the construction of borings through which ground water may be become contaminated. The type of boring (and its purpose) will determine the construction standards that apply. The table below lists common types of holes and the standards that apply. This is not a complete list of borings and there are other types of borings regulated by other agencies. Contact the Water Resources Department if you have any questions.

The construction standards and the Oregon Administrative Rule that apply are as follows:

1. Water Supply Wells — OAR 690-200 through 690-235
2. Monitoring Wells, Geotechnical Holes and other Holes — OAR 690-240 through 690-240-0640
   - Other Holes — OAR 690-240-0030
   - Geotechnical Holes — OAR 690-240-0035 through 690-240-0049

Type of Boring	Construction Standards that Apply
Air Sparging Hole	Geotechnical Holes
Aquifer Storage and Recovery Well	Water Supply Wells
Cathodic Protection Hole	Geotechnical Holes
Community Well	Water Supply Wells
Construction Hole	Other Holes
Dewatering Well	Water Supply Wells
Domestic Well	Water Supply Wells
Drive Point (Core holes)	Geotechnical Holes
Drive Point Well (Dewatering)	Water Supply Wells
Drive Point (Water Sampling)	Monitoring Wells
Drive Point (Water Supply)	Water Supply Wells
Dry (Disposal) Well	Other Holes
Elevator Shaft	Other Holes
Extraction Well	Monitoring Wells
Gas Migration Hole	Geotechnical Holes
Geothermal Well	Water Supply Wells
Gravel Pit	Other Holes
Ground Source Heat Pump Borings (Closed Loop)	Geotechnical Holes
Ground Source Heat Pump Borings (Open Loop)	Water Supply Wells
Horizontal Drain (Slope Stability)	Geotechnical Holes
Horizontal Well (Monitoring)	Monitoring Wells
Horizontal Well (Water Supply)	Water Supply Wells
Hydrologic Data Hole	Geotechnical Holes
Inclinometer	Geotechnical Holes
Industrial Well	Water Supply Wells
Injection Well (Water)	Water Supply Wells
Irrigation Well	Water Supply Wells
Monitoring Well (>72 Hours)	Monitoring Wells
Municipal Well	Water Supply Wells
Observation Hole	Monitoring Wells

Permeability Test Hole	Geotechnical Holes
Piezometer (Electric)	Geotechnical Holes
Piezometer (Pneumatic)	Geotechnical Holes
Piezometer Well	Monitoring Wells
Piling Hole	Other Holes
Post Hole	Other Holes
Power Pole Hole	Other Holes
Public Supply Well	Water Supply Wells
Remediation Or Recovery Well	Monitoring Well/Water Supply Wells
Rock Boring (<10 Feet)	Other Holes
Rock Boring (>10 Feet)	Geotechnical Holes
Seismic Shot Hole	Geotechnical Holes
Slope Stability Hole	Geotechnical Holes
Soil Boring (<10 Feet)(geophysical borings)	Other Holes
Soil Boring (>10 Feet)(geophysical borings)	Geotechnical Holes
Soil Vapor Hole	Geotechnical Holes
Sparging Hole	Geotechnical Holes
Storm Water Disposal	Other Holes
Sump	Other Holes (if < 10 ft. deep and > 10 ft. dia.)
Temporary Monitoring Well (<72 Hours)	Geotechnical Holes
Trench	Other Holes
Underground Storage Tank (Ust) Pit	Other Holes
Vapor Extraction Hole	Geotechnical Holes
Wetland Delineation Hole	Other Holes

TABLE 240-2
(OAR 690-240)

Region Office Fax and Telephone Numbers

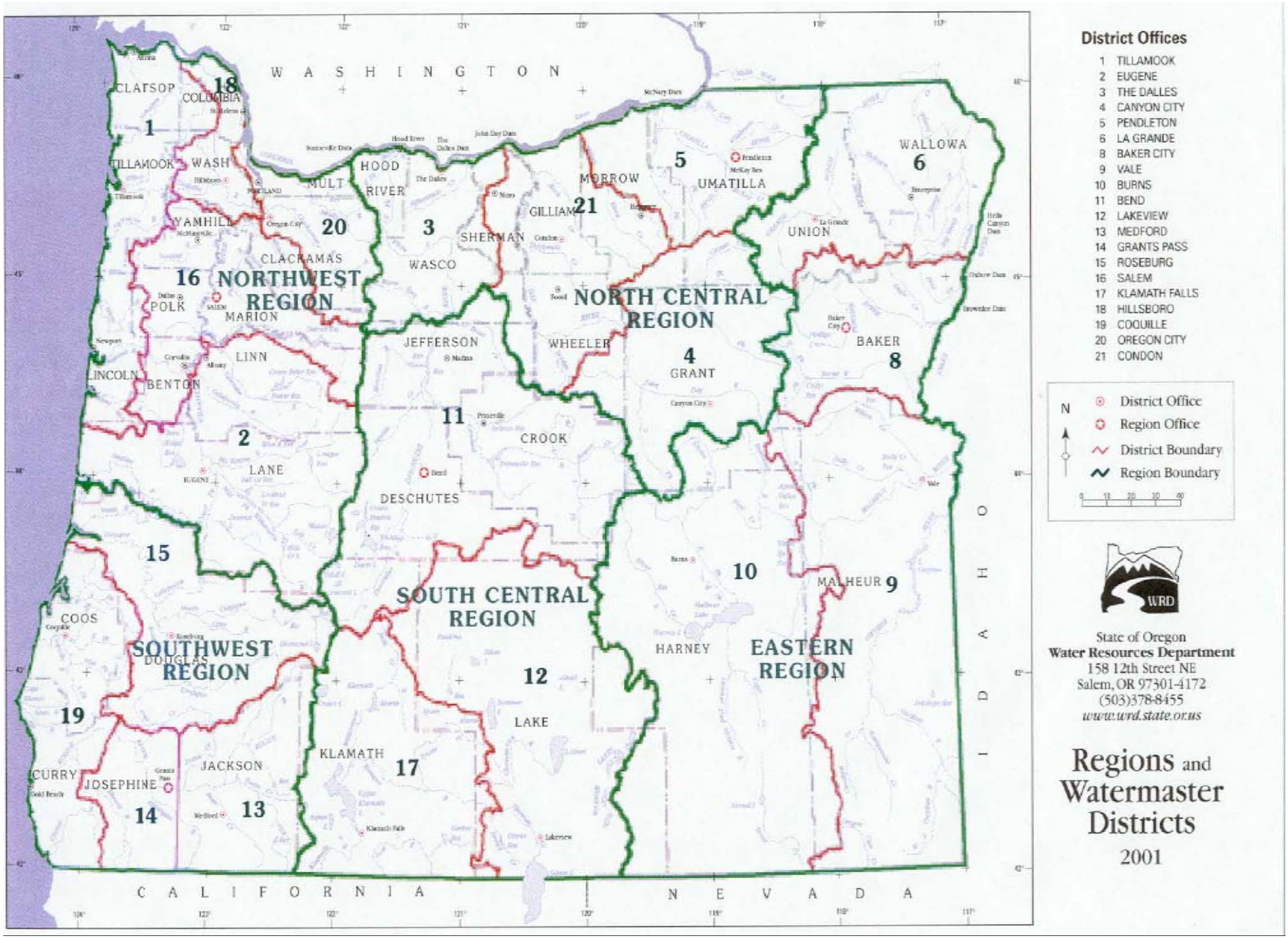
Region	Office Location	Fax Number	Telephone Number
Eastern	Baker City	(866) 214-3493	(541) 523-8224
North Central	Pendleton	(541) 278-0287	(541) 278-5456
Northwest	Salem	(503) 378-6203	(503) 378-8455
South	Central Bend	(541) 388-5101	(541) 388-6669
Southwest	Grants Pass	(541) 471-2876	(541) 471-2886

Notes:

1. Telephone and fax numbers are subject to change.

2. A current version of this table is available from the Water Resources Department's Salem office.

3. See Figure 240-2 for a map of region boundaries.



State of Oregon
Water Resources Department
158 12th Street NE
Salem, OR 97301-4172
(503)378-8455
www.wrd.state.or.us

Regions and Watermaster Districts

2001

Figure 240-2

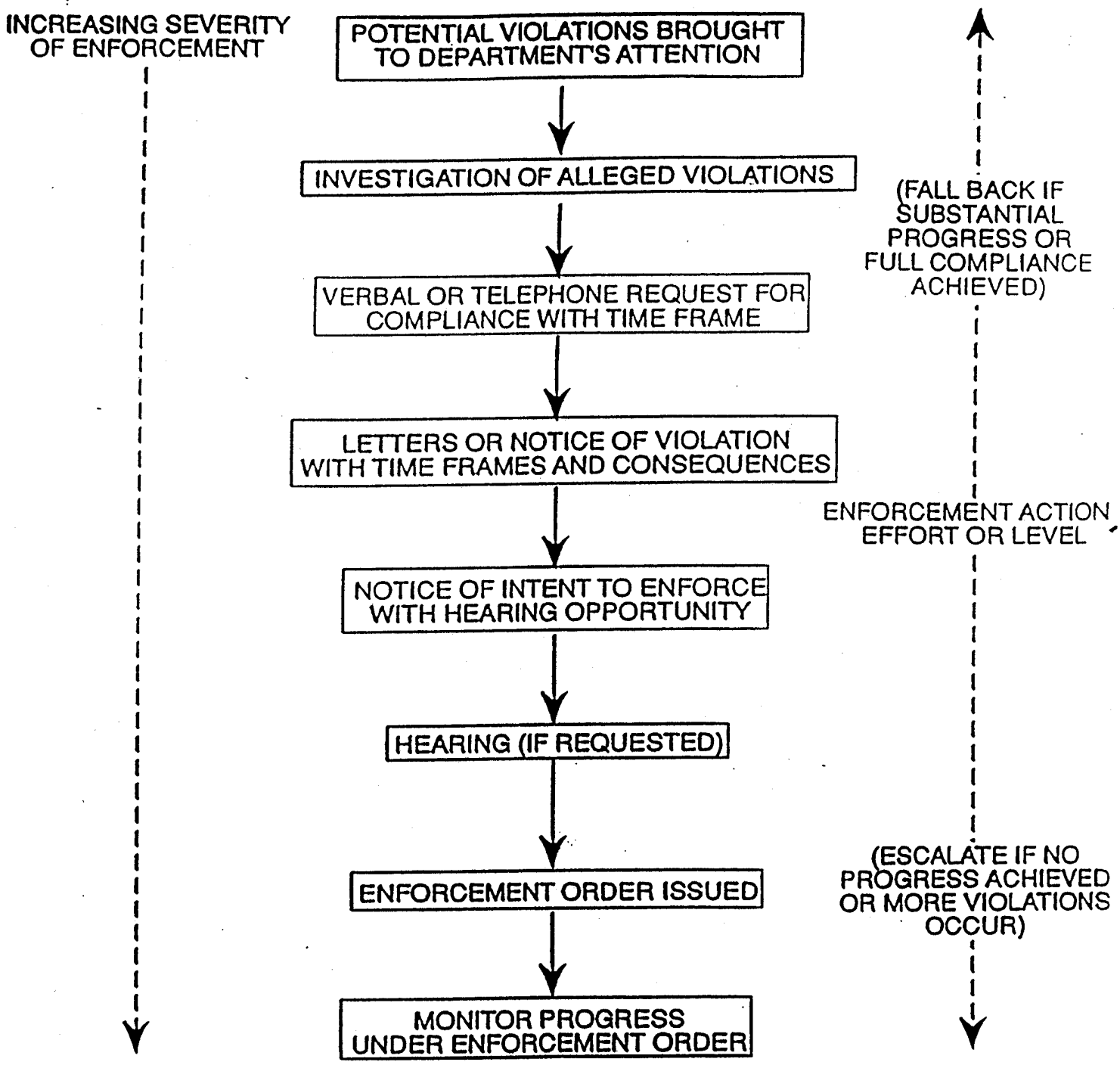
TABLE 240-3

MINOR WELL CONSTRUCTION VIOLATIONS

Oregon Statute Reference	**Value Assignment**	**Title**
ORS 537.762	Minor	REPORT OF COMMENCEMENT OF CONSTRUCTION
ORS 537.765	Minor	WELL REPORT
ORS 537.789	Minor	WELL IDENTIFICATION NUMBER

Administrative Rule Reference	**Value Assignment**	Title
690-240-0024	Minor	WELL IDENTIFICATION LABEL
690-240-0026	Minor	WELL IDENTIFICATION LABEL MAINTENANCE
690-240-0355	Minor	MONITORING WELL DRILLING MACHINES
690-240-0375	Minor	MONITORING WELL CONSTRUCTION NOTICE REQUIRED (START CARD)
690-240-0395	Minor	MONITORING WELL REPORT REQUIRED (WELL LOG)
690-240-0395(7)(i)	Minor	WATER TEMPERATURE
690-240-0410(4)	Minor	MONITORING WELL CONSTRUCTION (START CARD NUMBER)

Table 240-4



It is desireable to achieve compliance at the lowest possible level of enforcement. Escalation of enforcement can be expected if compliance does not result at the next lower level. Reduction of enforcement effort can be expected if substantial progress towards compliance is achieved

Figure 240-1

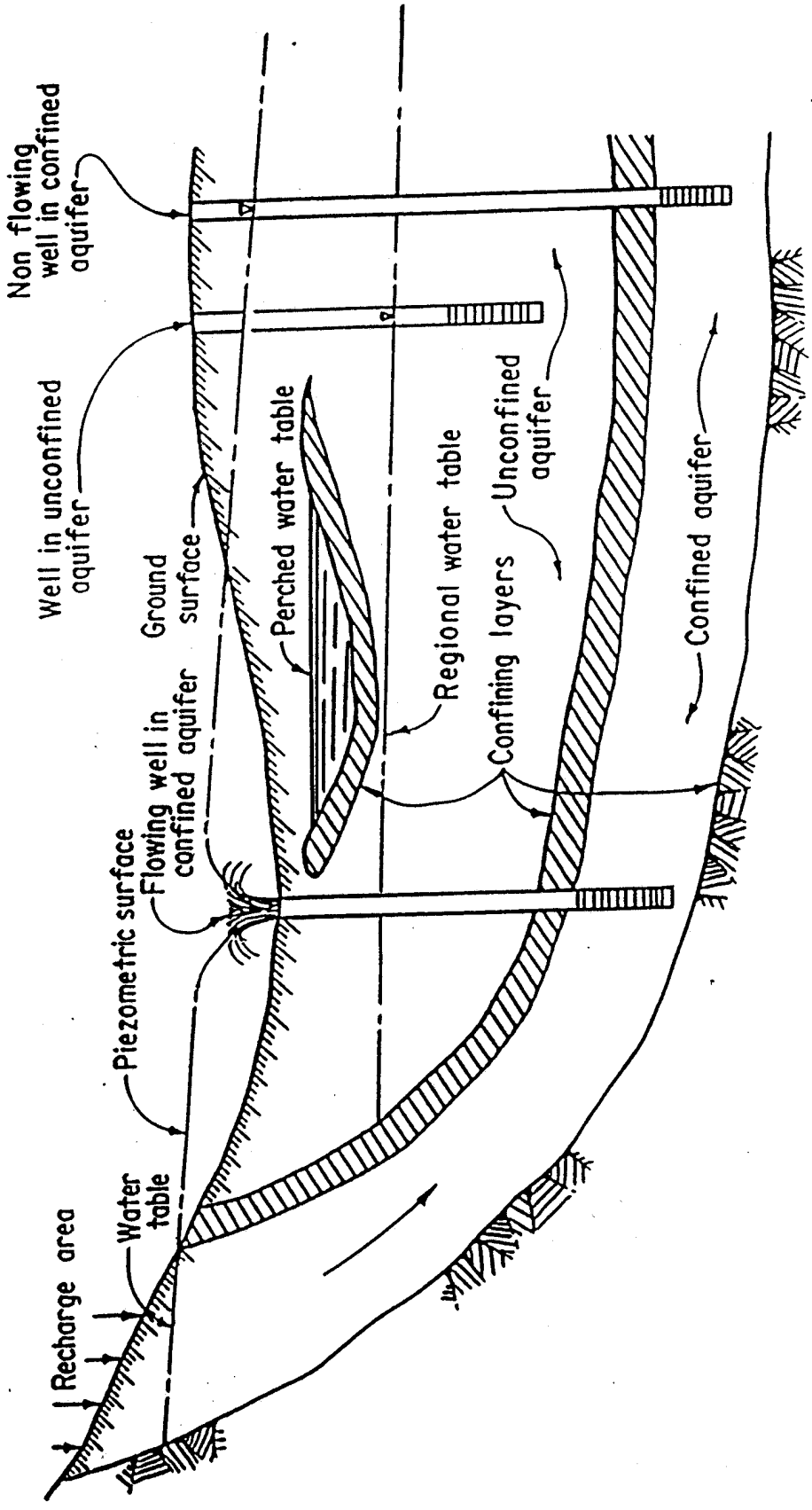


FIGURE 1-2.—Types of aquifers. 103-D-1401.