

INSTRUCTIONS FOR COMPLETING THE WATER SUPPLY WELL REPORT

Well Label #L: Enter the well identification number (well id tag).

Start Card #: Enter the assigned start card number.

Original Log #: Enter the original log number if work is deepening, abandonment or alteration.

(1) Landowner: Enter the landowner's name and address.

(2) Type of Work: Check all that apply. Provide pre-alteration well information under Section (2a). Describe alteration or abandonment procedures under Section (11).

(2a) Pre-Alteration: Provide pre-alteration well depth; pre-alteration type of seal material; pre-alteration well casing diameter, type and gauge;

(3) Drill Method: Check the appropriate box.

(4) Proposed Use: Check all that apply. A community well serves more than three households.

(5) Bore Hole Construction:

- Indicate if special construction standards were used and attach copy.
- Indicate depth of completed well.
- Describe each change in borehole size or construction.
- Describe seal material (i.e. 3/8 bentonite chips, neat cement grout, cement grout w/5% bentonite, concrete), where placed, amount used in sacks or pounds, and method of placement (see OAR 690-210, Appendix 210-3 for description of seal methods).
- If backfill was used, indicate location and material (i.e. concrete, cement).
- If filter pack was used, indicate location, material (i.e. pea gravel, sand), and material size.
- If explosives were used, describe type and amount.

Seal Material Volume: Calculate volume of sealing material prior to seal installation. Report calculated volume and the actual volume used on the water supply well report.

If Seal is Unhydrated Bentonite: Report TDS (total dissolved solids) on well log.

(5a) Abandonment Using Unhydrated Bentonite: Indicate the calculated amount of bentonite to be used in the abandonment and provide the actual amount of bentonite used on well log. Report TDS (total dissolved solids).

(6) Casing/Liner: Describe type of casing and liner and location of each. If drive shoe was used, indicate type and final location. If temporary casing was used, indicate diameter and location.

(7) Perforations/Screens: Describe method of perforations (i.e. drill, mills knife, torch) and location. Indicate if perforations are in the casing and/or liner. Describe screen type, location, and material installed. Indicate whether the diameter is telescope or pipe size.

(8) Well Tests: Indicate type of well test conducted (bailer, air, or pump), yield, and duration. If pump test was conducted, indicate drawdown and pump depth. If air test was conducted, indicate location of drill stem. Indicate water temperature. Indicate if a water analysis was performed and who performed the test. Identify location of strata, and describe any water quality concern(s) (i.e. salinity, turbidity, color, nitrates, TDS, arsenic, bacterial, odor, iron).

(9) Location of Well: Indicate the legal description of the well (County, Township, Range, Section, Tax Lot number, $\frac{1}{4}$ $\frac{1}{4}$ or latitude and longitude, and street address of the well or nearest address). If Global Positioning System (GPS) equipment is used, report latitude and longitude in degrees, minutes, and seconds (at least one digit to right of decimal) or decimal degrees (five digits to right of decimal).

(10) Static Water Level (swl):

- **Well alteration:** Indicate date reading was taken. Indicate existing well/pre-alteration and completed swl. If flowing, indicate in pounds per square inch (psi), check if swl was taken above land surface, otherwise, indicate location of swl in feet below land surface.

- **Completed well:** Indicate date reading was taken. If flowing, indicate swl in pounds per square inch (psi), check if swl was taken above land surface, otherwise, indicate location of swl in feet below land surface. Check if well is flowing artesian. Check if well is a dry hole.

- **Water Bearing Zones:** Indicate the depth water was first found. Indicate date swl was taken, location of all water bearing zones, estimated flow, and the swl in psi if flowing. Mark if swl was taken above land surface, otherwise, indicate location of swl in feet below land surface.

(11) Well Log: Describe each change of formation (color, texture, grain size, and structure of material). Indicate the thickness of each stratum encountered. There should be at least one entry for each change of formation. Indicate the date construction started and the date construction was completed.

Dates/Signature: Indicate Date Started and Completed; then sign as appropriate on the well report form.