

LIPAN-KICKAPOO

WATER CONSERVATION DISTRICT

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INSTRUCTIONS FOR PLUGGING A WELL

To PLUG A WELL:

The Texas Department of Licensing and Regulation Administrative Rules, Chapter 76 for Water Well Drillers and Water Well Pump Installers and Rule 8.2 and 10.2 of the Lipan-Kickapoo Water Conservation District set standards for plugging a well:

a) If a tract of land is “drilled to density”, the well that is being replaced shall be abandoned and plugged and a properly completed Plugging Report shall be submitted to the District. All removable casing shall be removed from the well and the entire well filled with cement from the bottom to the land surface. Permit Deposits cannot be returned until all of the required paperwork has been properly completed and submitted to the District.

b) If a well is abandoned or deteriorating, all removable casing shall be removed from the well and the entire well filled with cement from the bottom up to the land surface.

c) In lieu of the procedure in subsection (a) or (b) above, the well shall be pressure filled with bentonite grout or if the well has one hundred (100) feet or less of standing water the entire well may be filled with a solid column of 3/8 inch or larger granular sodium bentonite* hydrated at frequent intervals followed by a cement plug extending from the land surface to a depth of not less than two (2) feet. Large diameter hand dug wells may be plugged by back filling the wells with compacted clay or caliche to land surface and mounded to compensate for settling. Newly bored wells may be plugged by backfilling the wells with the cuttings, compacted clay, or caliche followed by a ten (10) foot cement plug extending from either 3 feet below the surface in cultivated land or from the land surface in other areas. Old abandoned wells may be plugged by backfilling with compacted clay or caliche followed by a ten (10) foot cement plug extending from 3 feet below the surface in cultivated land.

d) Undesirable water or constituents, or the fresh water zone(s) shall be isolated with cement plugs and the remainder of the wellbore filled with bentonite grout or cement to the land surface.

* The District has a supply of 50# bags of bentonite available at cost for the plugging of wells.