

## **Mesquite Groundwater Conservation District OVERVIEW OF WELL DEVELOPMENT RULES**

Test Hole Permits are required from the District before any testing activity begins.

New domestic or stock wells must be Registered with the District prior to drilling.

No new well may be drilled closer than 200 yards from a Registered domestic or stock well.

New irrigation wells must have a Permit prior to drilling, and a flow-meter and backflow prevention valve installed before pumping begins.

New permitted wells must be located at least 50 feet inside a property line.

Discharge of end-gun or tail-water on land other than that of the owner of the well, such as highways or county roads, is unlawful and considered waste.

Minimum spacing for wells with the following sizes of discharge pipes from other wells of the same size; density (number of wells allowed) per ¼ Section (160 acres):

| Discharge Pipe Size | Spacing <sup>1</sup> | Density Per 160 Acres (No. of Wells) |
|---------------------|----------------------|--------------------------------------|
| 2 Inch              | 50 Yards             | 10                                   |
| 3 Inch              | 75 Yards             | 6                                    |
| 4 Inch              | 100 Yards            | 4                                    |
| 5 Inch              | 125 Yards            | 3                                    |
| 6 Inch              | 150 Yards            | 2                                    |
| 8 Inch              | 200 Yards            | 1                                    |

Minimum spacing for wells not of the same size shall be ½ the sum of both minimum distances for each respective size shown above. For example, the minimum spacing between a 4” well (100 yards) and a 6” well (150 yards) is 100 + 150 divided by 2, or 125 yards.

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