Construction of IDA Well No. 51 Pilot Hole
Yuima Municipal Water District
Pauma Valley, CA

Project Type
Domestic Water Well

Project References
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Yuima Municipal Water District (YMWD) retained Steven Andrews Engineering to assist with the design of a new public water well to be constructed in accordance with the State of California Well Standards Bulletin 74-81 as modified by Bulletin 74-90 and as further specified in the well standards adopted by the American Water Works Association as Standard A-100-97. IDA Well No. 51 is located to the south of Palomar Mountains in the Yuima Creek Alluvial Fan, north of Highway 76 in Pauma Valley, CA. It is located near the Dunlap Area off the Indian Oak Trail.

Steven Andrews Engineering prepared construction specifications for the drilling of an 8-inch diameter pilot hole and installation of temporary 10-inch diameter steel well casing for IDA Well No. 51. The project included the drilling of the pilot hole following the requirements for plumbness and alignment for depth up to 1,500 feet, with the steel casing installed to 100 feet deep. A video log was performed, yield and drawdown pump test were also done. All drilling fluids were contained onsite by the contractor.

WELL NO.	LATITUDE	LONGITUDE
51	33°18'41" N	116°55'45" W