



# DEPARTMENT OF CONSERVATION

*Managing California's Working Lands*

## DIVISION OF OIL, GAS, & GEOTHERMAL RESOURCES

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May 6, 2011

## NOTICE TO GEOTHERMAL OPERATORS

**Subject: Geothermal Well Records**

Collecting and maintaining records of work performed on geothermal wells is one of the important functions performed by the Division of Oil, Gas, and Geothermal Resources. Title 14, Division 2, Subchapter 4, Article 3, Section 1937.1 of the California Code of Regulations describes the types of data that must be submitted and specifies that the data shall "describe in detail . . . all significant operations" performed on each well.

Completeness and accuracy of these records are necessary to ensure informed decisions and to allow the Division to use good engineering principles to regulate the wells.

Casing details included in the well records should include the size, weight, grade, type, condition (new or used), top, bottom, perforations, and any equipment attached to the casing including the number and location of centralizers.

Well records need to contain sufficient data in order to determine the quality of the primary cement job and depth of cement fill behind casing. Complete well records must include, but not be limited to, a detailed record of the cementing of the casing with cement slurry volume, composition, yield, returns, and calculated or actual fill.

An accurate well location is essential in locating plugged and abandoned wells and in determining if wells are in compliance with the Division's well spacing requirements. The latitude and longitude of each well must be provided in the NAD 83 coordinate system as decimal degrees with at least six decimal places. We cannot accept latitude and longitude in degrees, minutes, and seconds, projected coordinates (California Coordinates or UTM), corner calls, or footage from street corners or other physical objects.

Well records will not be considered complete until this information is obtained. Well permits for subsequent work may be delayed until these data are received.

Should you have any questions concerning this Notice, please contact Elizabeth Johnson, Geothermal Officer, or the local Division geothermal district office.

A handwritten signature in black ink, appearing to read "Elena M. Miller". The signature is written in a cursive style and is positioned above a horizontal line.

Elena M. Miller  
State Oil and Gas Supervisor