

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
WELL SUMMARY REPORT — GEOTHERMAL

API Well No. **097-90599**

Operator Geysers Power Company, LLC		Well Prati State 31				
Field Northwest Geysers		County Sonoma	Sec. 35	T. 12N	R. 9W	B.&M. MD
Location (Give surface location from property or section corner, street center line.) 3921' South & 1046' East of the NW corner of Section 35					Elevation of ground above/below sea level 2,116'	
Latitude/Longitude (if known)		Latitude: _____	Longitude: _____			

Was the well directionally drilled? Yes No If yes, show coordinates at total depth. **1757' South and 1382' West of surface location**

Commenced drilling (date) 07/15/2010	Total depth	True Vertical Depth	Plugged Depth	Depth measurements taken from top of: <input type="checkbox"/> Derrick Floor <input type="checkbox"/> Rotary Table <input checked="" type="checkbox"/> Kelly Bushing
Completed drilling (date) 08/16/2010	10,034'	9,611'		Which is 31 feet above ground
Commenced production/injection (date) Injection pending pipeline hookup	Junk N/A		GEOLOGICAL MARKERS	
Name of production/injection zone(s) Franciscan			DEPTH	
			Formation and age at total depth Jurassic	Base of fresh water

DATE	STATIC TEST (Shut-in well head)	PRODUCTION TEST DATA								
		Total mass flow data					Separator data			
		Pressure (psig)	Sfc Pressure (psi)	Orifice (Inches)	Rate (lbs/hr)	Enthalpy (Btu/lb)	Temperature (°F)	Sfc Pressure (psi)	Temperature (°F)	Steam Rate (lbs/hr)
10-13-2010	340	68	8	45,000	1188	320				

CASING AND CEMENTING RECORD (Present Hole)

Size of Casing (API) (inches)	Top of Casing (feet)	Depth of Shoe (feet)	Weight of Casing (lbs/ft)	Grade and Type of Casing	Size of Hole Drilled (inches)	Number of Sacks or Cubic Feet of Cement	Top(s) of Cement in Annulus (feet)
20"	surface	1,769'	94#	K-55	26"	4626 cu ft	surface
13-3/8"	surface	4,210'	68#	K-55 BTC	17-1/2"	5508 cu ft	surface
10-3/4"	surface	4,130'	29#	K-55 BTC	13-5/8" casing	1322 cu ft	N/A

PERFORATED CASING LINER (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)

7" 29# L80 H-521 slotted liner from 5,482 - 10,000', slots 2-1/2" X 1/4" 6 rows, 12 spf, blank 8' from box and 4' from pin, slots from 7,880'-10,000', 7" 26# L80 BTC tieback from 5,529' - surface.

Logs/surveys run? Yes No If yes, list type(s) and depth(s).

In compliance with Sec. 3215, Division 3, of the *Public Resources Code*, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

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