

**DISBURSED**  
Via email 2/11/2010  
lkalmar

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

API Well No. 097-90141

**WELL SUMMARY REPORT — GEOTHERMAL**

Operator Geysers Power Company, LLC		Well GDC 72-30					
Field Geysers (Unit 14)		County Sonoma		Sec. 30	T. 11N	R. 8W	B.&M. M.D.
Location (Give surface location from property or section corner, street center line.) 1010' South and 776' West of the NW corner of Sec 30, T11N, R8W						Elevation of ground above/below sea level 2261'	
Latitude/Longitude (if known)		Latitude:		Longitude:			
Was the well directionally drilled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, show coordinates at total depth. 1066' north and 672' east of surface location (surveys attached)							
Commenced drilling (date) 11/24/2009	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) 12/09/2009	7,850'	7,638'	N/A	Which is 30 feet above ground			
Commenced production/injection (date) Injection pending pipeline construction	Junk N/A			GEOLOGICAL MARKERS Refer to Litho-log		DEPTH	
Name of production/injection zone(s)				Formation and age at total depth Franciscan		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)	Water Rate (lbs/hr)

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	315'	94#	H-40	26"	1000	Surface
13-3/8"	Surface	1490'	54.5#	K-55	17-1/2"	1909	Surface
10-3/4"	Surface	1256'	40.5#	K-55	13-3/8" csg	413	Surface
9 5/8"	1256'	3327'	36#	K-55	12-1/4"	476	1256'
7"	Surface	3140'	29#	L-80	Casing	N/A	N/A
7"	3103'	7850'	29#	L-80	8-1/2"	N/A	N/A

PERFORATED CASING LINER (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)  
Slotted Liner 6221'-7850' 1/4" X 2-1/2", 12 slots/ft and 1/4" X 2", 16 slots/ft

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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