

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

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API Well No. 097-90848
by FedEx

Operator Geysers Power Company, LLC		Well Sulfur Bank 32					
Field Geysers		County Sonoma		Sec. 11	T. 11N	R. 9W	B.&M. M.D.
Location (Give surface location from property or section corner, street center line.) 1748.43' South and 2351.84' West of the NE corner of Sec 11, T11N, R8W						Elevation of ground above/below sea level 1809'	
Latitude/Longitude (if known)		Latitude: 38.809209		Longitude: -122.830155			

Was the well directionally drilled? Yes No If yes, show coordinates at total depth.
141' South and 1538' East of surface location (surveys attached)

Commenced drilling (date) 06/16/2011	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) 08/12/2011	8,247'	8,055	N/A	Which is 29 feet above ground			
Commenced production/injection (date) Injection pending pipeline construction	Junk None. For more casing and cementing details please see attached casing tallies and cementing reports.			GEOLOGICAL MARKERS Refer to Litho-log			DEPTH
Name of production/injection zone(s) Franciscan							

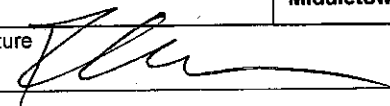
DATE	STATIC TEST (Shut-in well-head)	PRODUCTION TEST DATA									
		Total mass flow data					Separator data				
		Pressure (psig)	Sfc Pressure (psi)	Orifice (Inches)	Rate (lbs/hr)	Enthalpy (Btu/lb)	Temperature (°F)	Sfc Pressure (psi)	Temperature (°F)	Steam Rate (lbs/hr)	Water Rate (lbs/hr)
8-09-2011	Rig Test / Wet Test				100.4 kph						

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	593'	94#	J-55 BTC	26"	530 sx	surface
13-3/8" X 13-5/8"	surface	3056'	68# X 88.2#	L-80 BTC	17-1/2"	1435 sx	surface
8-5/8" slotted/blank liner	2,858'	8,247'	40#	L-80/Cr13 H-521	10-5/8"	N/A	N/A
7" tieback	surface	2,899'	29#	L-80/Cr13 VAM ACE	13-5/8" casing	N/A	N/A

PERFORATED CASING LINER (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)
8-5/8" slotted liner 2-1/2" X 1/4" 6 rows, 12 spf, blank 8' from box and 4' from pin

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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