

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

WELL SUMMARY REPORT — GEOTHERMAL

API Well No. 033-90278

Operator Geysers Power Company		Well NEGU-8				
Field Geysers		County Lake	Sec. 5	T. 11N	R. 8W	B.&M. M.D.
Location (Give surface location from property or section corner, street center line.) 2431' North & 1079' West of SE corner of Section 5, T11N, R8W					Elevation of ground above/below sea level 2632'	
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. 579' South and 1277' East from surface						
Commenced drilling (date) 3/7/08	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) 7/28/08	8605'	8378'		Which is 30' feet above ground		
Commenced production/injection (date) Pending pipeline hook-up	Junk		GEOLOGICAL MARKERS Refer to lithology log.		DEPTH	
Name of production/injection zone(s) Franciscan			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)	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)
22" 16"	Surface Surface	294' 1507'	0.375 wall 75#	Line Pipe K-55	26" 20-1/2"	575 cf 2582 cf	Surface Surface
11-3/4" 13-3/8"	1299' Surface	5042' 1299'	54# / 60# 54	K-55 N-80	14-3/4" 16" casing	3374 cf 483 cf	1299' Surface
8-5/8"	3305'	5273'	36	L-80	10-5/8"	320 cf	3749' Est.

PERFORATED CASING LINER (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)
5-1/2", 17#, L-80, Butress 3298' - 8571', slotted with 0.25" x 2" slots, 6 Rows x 12 Slots/Foot
(Installed in 7-5/8" open hole)

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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