

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

API Well No. **097-90684**

Operator CPN Wild Horse, LLC		Well Prati 5				
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.) 1265' North & 100' East of the SE corner of section 35					Elevation of ground above/below sea level 2553'	
Latitude/Longitude (if known)		Latitude: 38.838375		Longitude: -122.821905		
Was the well directionally drilled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, show coordinates at total depth. 695' North & 771' East of the surface location						

Commenced drilling (date) 2/11/2011	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) 4/29/2011	10,396'	10,254'		Which is 31 feet above ground
Commenced production/injection (date) Production 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)	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	280' / 2394'	80# / 75#	PE line pipe/ K55 BTC	26" / 20.5"		surface
11-3/4" liner	2174'	6487'	54# & 60#	K-55 BTC	14.75"		surface
13-3/8 tieback	surface	2174'	61# & 72#	K-55 BTC	16# csg		surface
11-3/4" tieback / 7" by 8-5/8" liner (see below)	surface	2099	60#	S-95 FJWP	13-3/8 csg	135 sx	surface

PERFORATED CASING LINER (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)
8-5/8" 40# H-521 from 4841' - 9008' w/ slots from 7071' - 9008' Slots are 2-1/2" X 1/4" 10 rows, 20 spf, blank 8' from box and 4' from pin
7" 29# H-521 from 9008' - 10307' all slotted pipe slots 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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