Napa Cou Date	nty Use Only
Fee \$	By
Receipt #_	

Permit Issued:

Well log received:

Layout/pre seal inspection: Pressure testing inspection:



NAPA COUNTY DEPARTMENT OF **ENVIRONMENTAL MANAGEMENT**

APPLICATION AND PERMIT TO CONSTRUCT A GEOTHERMAL HEAT EXCHANGE WELL

APN	
Job#	
Issue Date	
Expir. Date	

The following <u>MUST</u> be included before this permit applicatin can be processed:

1. A parcel map accurately showing property features, buildings, septic systems, roads, etc. in relationship to all well borings.

2. A	cross-section diagram sho	owing a) the proposed	depth of the well(s)	b) the loop system and	c) the seal material	depth, and method	d.
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			Contractor:	
Site Address:			Mailing Address:	
Mailing Address:			Contractor's Phone:	
Owner's Phone:			C-57 License Number:	
ROBERT STATE OF THE STATE OF TH		Well Cons	struction	CALLET STATE OF THE CALLET
Number of borings:			Diameter of borehole:	
Depth of borehole:			Will all casing(s) be removed?	Yes No
Sealing material:			Sealing method:	
Loop material:			Loop fluid:	
Is the ambient ground temperatu	re 86°F (30°	C) or less*?	*If no, refer to D.O.G.	
The diameter of the borehole must be	e at least 2"	larger than total outsi		oreholes must be full-length
sealed only with an approved materi Systems. All heat exchange loop pipe connect completion of drilling of each geothe Once installed, each heat exchange pump operating specifications for a Department of Water Resources, Ge	tions must be rmal heat ex- loop must be period of 30 r	e thermally fused and change wells. e tested for leaks by p minutes. If the loop le	the loop materials shall be installed ressurizing with water or air to 150% eaks, the well must be destroyed in a	and sealed without delay upon 6 above the manufacurer's heat
Department of Water Resources, Co	Sourcillai ric	Site Info		
Setbacks: All septic tanks:			All septic disposal fields and res	erve areas:
Sewer line:	Haz-mat si	tes:	Property line: Roads:	
Required Inspections: 1. Layout/pre seal inspection: A process. The inspector will confi 2. Testing: Once all borings are	rm the borir	must be onsite to in	spect the first boring, prior to sea	
		ng location(s), depth ach heat exchange	(s) and the sealing material spec loop must be pressure tested, as	cified on the proposal.
presence of an inspector from th	is office.	ach heat exchange	i(s) and the sealing material spec loop must be pressure tested, as	cified on the proposal.
presence of an inspector from th Worker's Compensation Cover	is office. rage: (Chec	ach heat exchange	(s) and the sealing material spec loop must be pressure tested, as ving)	cified on the proposal. s described above, in the
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Worker's Compensation Cover () A certificate of current Worer's Com () I certify that in the performance of the Worker's Compensation Laws of Californ TERMS OF PERMIT: 1. Call at least 24 hours in advance during inspector between 8:00 and 9:00 AM the 2. Prior to receiving final clearance on the 3. This permit shall expire two (2) years 4. Permits are issued to licensed well directly the content of the cont	is office. rage: (Chec p. Insurance of the work for white the work fo	ck one of the follow overage is on file with the ch this permit is issued, iness hours to schedule pection, or the request nof the State of California of issuance. Well Driller's license (Cost must be processed with a with providing incompon information contain fficials, officers, and emission in the contain of the state of the contain of the conta	ving) is office (or being filed with this application I shall not employ any person in any mathriage between the properties of the date on the receipt of the date on the receipt of this application as to the location of the ed in this Application and, on behalf of a ployees from any and all claims and liab	cified on the proposal. Is described above, in the solution on. Inner so as to become subject to the solution of the solution
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