

Details of Works Notice (DOWNs)

Geothermal Energy Regulations 1961

Complete all relevant sections and attach the drilling plan and a summary report of completed drilling.

Email: hhu.geothermal@worksafe.govt.nz

Post: High Hazards Unit Administrator, High Hazards Unit, WorkSafe New Zealand, Level 2, 214 Devon Street East, PO Box 342, New Plymouth 4340

1. Applicant details

Bore name:

Bore number:

Field:

Bore site:

Bore owner details

Company name:

Address:

Phone: (daytime)

Email:

Contractor details

Company name:

Address:

Phone: (daytime)

Email:

Bore manager details

Name:

Address:

Phone: (daytime)

Email:

2. Details of works

Description of work:

Consent to drill/workover

Complete (checklist below) Programme attached

Start date: DD / MM / YEAR

Anticipated completion date: DD / MM / YEAR

Proposed depth of bore: (m)

Specification and capacity of the rig

Pumps Blow out prevention equipment

Tank capacity Water supply

Casing programme

Hole sizes Sizes and proposed setting depths

Specifications

Grouting/cementing programme including

Amount of cement to be used: (m³)

Well-head master valve/well-head arrangement

Class Type

Factor of safety against maximum well head pressure

Depth of water table Coring programme

Drilling fluids programme

Downhole bore measurement programme

Summary of predicted geology

Address where daily logs are kept

Drill cuttings sampling programme

Boiling point temperatures for depth conditions

Logging programme

Types of logs to be run Proposed deviation

Intervals to be logged Casing and other bore surveys

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Consent to suspend

Attach full details (refer checklist below)

- Reason for suspension
- Status of bore and full details of drilling at the time of suspension
- Method of suspension
- Period of suspension

Consent to abandon

Attach full details (refer checklist below)

- Estimated date of abandonment
- Reasons for abandonment
- Detailed programme of abandonment
- Well-head pressures
- Loss zones
- Downhole pressures and temperatures

Consent to use explosives

Attach full details (refer checklist below)

- Person appointed to be in charge (regulation 29(1)(b))
- Sequence of perforating
- Depth and density of perforations
- Type of detonator and primer
- Type of gun including pressure rating

A draft plan should be submitted at least 30 days in advance. Should last minute changes be required, the plan will be updated and re-submitted. It is recommended industry prepare for this to avoid delays

3. Declaration

I,
confirm that all work to be undertaken will be completed in accordance with the appropriate Acts, Regulations, Standards (in particular NZS 2403:2015), Codes of Practice and Guidelines.

Signature:

Date: DD / MM / YEAR

OFFICE USE ONLY

Consent

I consent the above work pursuant to Regulation 30 of the Geothermal Energy Regulations 1961.

Signature:

Date: DD / MM / YEAR