

NDOM and NDWR Project Permitting Guide

Geothermal Wells and Water Rights					
Activity	Agency Lead	Paperwork Required	Timeframe	Required Action	Approval Required
Use of water for oil/gas exploration. This is only for drill water for the drilling of the exploration wells	NDWR	Oil and Gas Waiver	None provided by regulation or statute	Submit Oil and Gas (OG) Waiver request for NDWR review	Yes, prior to submitting NOI to drill a new well or using water from an existing well
Project will consumptively use water during its operation.	NDWR	Water Right Application	Minimum of 3 Months, DWR cannot review application until publication notice and protest period are complete as required by statute	Submit application and water right map to Division for review	Yes, required prior to drilling well in designated basin or using any water for the use proposed on the application.
Drill or plug well under an approved waiver or permit issued by NDWR	NDWR	Notice of Intent to Drill	Well Driller must submit at least 3 working days prior to drilling	Licensed Well driller submits a Notice of Intent to the Division for review	Yes required prior to drilling or plugging well
Licensed Well Driller completes well under an approved waiver or permit issued by NDWR	NDWR	Well Log Form	Well driller to provide within 30 days after completion of well	Well driller submits Well Driller's Report (Well Log) to the Division within 30 days of completing the well	No
Consumptively using water under the terms of water right Permit.	NDWR		Up to 10 years	Comply with terms of permit including any filing of proofs or submission of data.	Yes, for certain filings.
Geothermal Resource Development Permit Application	NDOM	Geothermal Resource Development Permit Application	NDOM has 10 days to review, permit is good for 2 years and can be extended by the administrator good cause shown NAC 534A.220	Complete application including form, all needed data, bond and fee payment. Reviewed by FMPM and approved by Administrator	Yes, if on Federal Land, Federal Approval Required before NDOM Approval
Geothermal Injection Well Application	NDOM	Geothermal Injection Well Permit Application	NDOM has 10 days to review, permit is good for 2 years and can be extended by the administrator good cause shown NAC 534A.220	Complete application including form, all needed data, bond and fee payment. Reviewed by FMPM and approved by Administrator	Yes, if on Federal Land, Federal Approval Required before NDOM Approval
Convert Water NDWR Water Well to Geothermal Well	NDOM	Geothermal Injection Well Permit Application	NDOM has 10 days to review, permit is good for 2 years and can be extended by the administrator good cause shown NAC 534A.221	Complete application including form, all needed data, bond and fee payment. Reviewed by FMPM and approved by Administrator	Yes, if on Federal Land, Federal Approval Required before NDOM Approval
Reinjection of Fluids unless alternative method of disposal approved	NDOM	Sundry Notice Form 4 / Checklist For Injection or Flow Test	None	Operator must report rate of flow of water or steam, or both and pressure and temperature of the fluids	Yes, NDEP-UIC approval required for injection lasting more than 7 days