

## Summary of 2008 NDOM/NDEP Coop Agreement

- a. NDOM drilling permits shall be issued in accordance with requirements within NAC 534A for protection and prevention of degradation of ground water.
- b. **Drilling Permit**: NDEP will recognize the NDOM drilling permit satisfies the UIC regulation under NAC 445A.905 for construction permit for Class II and Class V geothermal wells. This practice shall apply to both projects with and without issued UIC permits.
- c. **Testing and Short-term Treatments**: Standard operating procedures (SOP) less than thirty (30) days, such as flow tests to drilling sumps, injectivity testing, stimulation programs, acid and fracture treatment, shall be approved by the NDOM sundry notice under standard forms including a checklist of requirement procedure parameters (*found on NDOM website*), and require follow-up reports and documentation. All tests and programs are subject to conditions for protection and prevention of degradation of ground water. Questions and concerns regarding discharge water quality shall be referred to NDEP.
- d. **Workovers and Conversions** of Class II and Class V geothermal wells: NDOM will, prior to approval, make available the sundry notice to NDEP for review to ensure no additional requirements for UIC while operator is working in well. NDEP will review and comment to NDOM within five (5) working days of receipt.
- e. NDOM shall use forms for injection wells that have been reviewed by NDEP.
- f. NDEP shall require full injection well completion reports at the time an operator wishes to request injection approval under an existing UIC permit, and shall approve or deny based on the contents of the report.
- g. NDOM will, prior to approval, provide public notice of an application for a permit to construct an injection well, either as an individual well or within a project area permit, including the following statement:

“NDEP has primacy for the Federal Underground Injection Control program. A UIC permit must be issued to utilize geothermal wells for injection purposes.”
- h. **NDOM shall notify Drilling Permit applicants of UIC permitting requirements**, including data collection, information and documentation on integrity testing, logging, temperature survey, and cementing records necessary during the construction process, for final injection approval. This shall occur either through reference to UIC requirements on the web or citation of various requirements in the Drilling Permit conditions of approval.
- i. NDOM will inform the operator that wells under an existing UIC permit will be subject to the terms and conditions of the UIC permit.
- j. NDOM shall refer to NDEP all permit applicants that propose to or have potential to discharge to surface waters. This shall be required for all discharges outside of a drilling sump or tanks.