

## **APPLICATION REQUIREMENTS FOR A CLASS II PERMIT**

Applications for a Class II well permit will be **returned to the operator** unless all of the required data is included.

In addition to well location data and survey plat required for all well types, Class II applications must include:

### **Well construction data**

- Casing sizes and depths
- Hole sizes
- Cement amount and type for all casing OR
- Cement bond log if no cement tickets are available for the primary cement job. A minimum of 250 feet of primary cement must be present on the long string immediately above the uppermost proposed injection zone
- Tubing size and depth
- Packer setting depth
- Perforation interval if it is not an open hole completion

### **Injection zones**

- Formation names
- Injection intervals

### **Confining zone**

- Formation name, lithology and depth interval

### **Proposed maximum injection pressure (MIP)**

- If the MIP requested in the application is anything other than a rule calculated value, supporting documentation for the variance must be included. This will be either a well treatment report and/or chart showing an ISIP value or a step rate test for the uppermost injection zone. A step rate test must have a minimum of three steps during the test and should be witnessed by an inspector.

### **Proposed maximum injection rate (MIR)**

- If any wells within the ¼ mile AOR deep enough to intersect the proposed injection interval are inadequately plugged or cemented, a static fluid level must be submitted for a well open only in the injection zone in order for the MIR to be determined. The fluid level must be witnessed by an inspector and the original tape should be submitted with the application if an echometer is run or the work report should be submitted if a wireline measurement is taken.

**Analysis of the injection fluid** or a note that the analysis will be sent when it is received by the operator.

### **AOR plot**

- This should consist of the proposed Class II well, a ¼ mile radius circle and all wells within the ¼ mile that intersect the proposed injection zones and must include both existing and plugged wells. Each well spot should indicate the well type and should be labeled with the permit number. The map should include the scale of the plot.

### **Direct Notice**

- The text of the notice must be included with the application. It is preferred that proofs of service are also included with the original application but they may be sent at a later date as long as all notice proofs are sent together. Operators are required to notify offset operators within the ¼ mile radius and the landowner and royalty owners on whose property the well will be constructed. A sample of the notice may be found on our website under Publications. No Class II permit may be issued until the direct notice and proofs of service have been received and at least eighteen (18) days have passed since the latest signature on any proof of service. Proof of service may be either a signed certified receipt card or a notarized affidavit acknowledging receipt of the notice by those parties who are entitled to receive it.