

## **PROGRESS REPORT**

### **February 2009**

# **INTERIM GROUNDWATER/AQUIFER POLLUTION PREVENTION, MITIGATION AND MONITORING PLAN**

## **PINEDALE ANTICLINE OIL AND GAS EXPLORATION AND DEVELOPMENT PROJECT**

### **SUBLETTE COUNTY, WYOMING**

#### **PROGRESS MADE SINCE LAST REPORTING PERIOD**

##### ***Planning Documents and Project Budgeting***

- Geomatrix issued the draft Credible/Suitable Well Determination Plan of Study on February 4<sup>th</sup>, and issued draft Plans of Study for Monitoring Program Augmentation and Evaluating Potential Sources of Low-Level Petroleum Hydrocarbon Compound Detections on February 6<sup>th</sup>.
- A bid package was prepared and issued to three firms for surveying existing wells and new study wells.
- A bid package was prepared for drilling and installing study wells.
- A bid package was prepared to install piezometers.
- Internal draft budgets were prepared for Interim Plan work tasks.
- Meetings and conference calls were held with task managers.
- Criteria identified in the draft Credible/Suitable Well Determination Plan of Study were refined.
- Lists of active and recently plugged and abandoned water supply wells were obtained from Ultra, Shell and Questar (USQ).
- Missing SEO well completion records were obtained from USQ and pertinent data were entered in the existing project database.
- Pertinent information from available well completion records were entered into the existing project database and checked for accuracy. The well inventory was initiated.
- Project status were tracked and communicated with USQ and BLM.

#### **HEALTH AND SAFETY**

- No field work.

#### **ISSUES AND PROPOSED RESOLUTIONS**

- None at this time. Because costs for well and piezometer installation are not yet available, discussions regarding the scope of drilling may be necessary.

#### **ANTICIPATED ACTIVITIES FOR NEXT REPORTING PERIOD (MARCH 2009)**

- Receive BDE comments to the five draft planning documents (received week of March 2<sup>nd</sup>).
- Prepare response-to-comment document and issue to BDE and USQ.
- Revise draft plans, where necessary, and issue final versions of each plan.
- Hold web-conference with Merry Gamper to discuss the schema for the geospatial project database (conference held March 2<sup>nd</sup>).
- Submit draft database schema to Merry Gamper and revise as necessary.
- Initiate converting the existing SCCD database into the new geospatial architecture.
- Present key aspects of the Interim Plan to the PAWG's Water Resource Task Group on March 17<sup>th</sup> in Pinedale.
- Initiate siting of proposed study wells associated with hydrogeologic data gaps study the week of March 16<sup>th</sup> and meet with BLM to discuss well access issues and permissions.

- Obtain approximately 150 well completion records for wells listed in the SCCD well inventory database at the SEO in Cheyenne (obtained March 4 and 5). Populate database with pertinent well data.
- Review surveyor bids and select preferred provider.
- Issue bid packages to drilling and direct-push contractors the week of March 2<sup>nd</sup>.
- Review drilling and direct-push contractor bids and select preferred providers.
- Update and submit draft estimated project budget to USQ.
- Issue technical memorandum on initial groundwater vulnerability assessment.
- Issue technical memorandum on Credible/Suitable Well Determination.

### **SCHEDULE STATUS**

- Preparing 3 of the 5 planning documents took one week longer than scheduled; consequently receiving BDE comments to the draft planning documents was longer than anticipated.
- The project schedule in the draft Project Administration Plan calls for issuing technical memoranda for the initial vulnerability assessment and credible/suitable well determination by March 13<sup>th</sup>. Because the planning documents are being finalized, these memoranda will not be issued until after March 13<sup>th</sup>.

### **DELIVERABLE STATUS**

- February 4 – issued draft Credible/Suitable Well Determination Plan of Study.
- February 6 – issued draft Plans of Study for Monitoring Program Augmentation and Evaluating Potential Sources of Low-Level Petroleum Hydrocarbon Compound Detections.
- February 9 – January 2009 Progress Report

### **STAFFING CHANGES OR CONCERNS**

- None.