



**Plains CO<sub>2</sub> Reduction (PCOR) Partnership Monthly Update  
December 1–31, 2018**

**PHASE III ACTIVITIES**

**Task 1 – Regional Characterization (Wesley D. Peck)**

This task ended in Quarter 1 – Budget Period (BP) 5, Year 11 (March 2018).

**Task 2 – Public Outreach and Education (Neil Wildgust)**

**Highlights**

- Received internal review comments on the draft updated Phase II Zama fact sheet.
- Met with Prairie Public Broadcasting (PPB) on December 11, 2018, in Fargo, North Dakota, for narration recut sessions for the video shorts for the “Meeting the Challenge” educational series Parts 3 and 4.
- Mailed a copy of the DVD of documentary Deliverable (D) 22 “Coal: Engine of Change” to all U.S. and international partner contacts.
- Determined a list of U.S. Department of Energy (DOE) National Energy Technology Laboratory (NETL)-approved final deliverables and milestones that are available to upload to the public Web site.
- Task 2 is closed as of December 31, 2018. Any further efforts in this area will be handled under Task 13.

**Task 3 – Permitting and NEPA (National Environmental Policy Act) Compliance  
(Charles D. Gorecki)**

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

**Task 4 – Site Characterization and Modeling (Charles D. Gorecki)**

This task ended in Quarter 1 – BP5, Year 10 (March 2017).

**Task 5 – Well Drilling and Completion (John A. Hamling)**

This task ended in Quarter 3 – BP4, Year 7 (June 2014).

**Task 6 – Infrastructure Development (Melanie D. Jensen)**

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

### **Task 7 – CO<sub>2</sub> Procurement (John A. Harju)**

This task ended in Quarter 4 – BP4, Year 6 (September 2013).

### **Task 8 – Transportation and Injection Operations (Melanie D. Jensen)**

This task ended in Quarter 4 – BP4, Year 8 (September 2015).

### **Task 9 – Operational Monitoring and Modeling (John A. Hamling and Larry J. Pekot)**

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

### **Task 10 – Site Closure (John A. Hamling)**

#### Highlights

- Submitted Milestone (M) 61 entitled “Site Closure for Bell Creek Test Site Completed” on December 28, 2018.
- Inventoried stored core material collected from Wells 05-06 OW (observation well), 33-14R, and 56-14R through PCOR Partnership Bell Creek activities.
- Arranged transport of core temporarily housed at third-party laboratories to the Energy & Environmental Research Center (EERC) for long-term archiving and storage.
- Task 10 is closed as of December 31, 2018. Any further efforts in this area will be handled under Task 13.

### **Task 11 – Postinjection Monitoring and Modeling (John A. Hamling and Larry J. Pekot)**

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

### **Task 12 – Project Assessment (Loreal V. Heebink)**

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

### **Task 13 – Project Management (Charles D. Gorecki)**

#### Highlights

- Submitted a notice of project extension from December 31, 2018, to December 31, 2019, to DOE NETL on December 13, 2018. Received approval of the PCOR Partnership project extension from DOE NETL in Modification 40 on December 31, 2018.
- Attended CO<sub>2</sub> & ROZ (residual oil zone) Conference Week held December 3–6, 2018, in Midland, Texas.
- Submitted fiscal year 2017 International Energy Agency Greenhouse Gas R&D Programme (IEAGHG) Peer Review R1, R2, and R5 milestone responses to DOE project manager on December 26, 2018.

- Continued to address internal review comments from DOE and Stefan Bachu (InnoTech Alberta) on Draft D62 entitled “Plains CO<sub>2</sub> Reduction Partnership Phase III Final Report.” Started internal review of initial modifications.
- Worked on modifications based on internal review of a value-added report on the geologic characterization and CO<sub>2</sub> storage potential of the state of Nebraska (continuation of a Task 1 activity).
- Continued to address comments from an internal review of a value-added overview document based on the PCOR Partnership best practices manuals.
- Continued work on value-added documents discussing PCOR Partnership technical work. These will be submitted to appropriate subject matter journals.
- Continued to add DOE-approved reports to the decision support system (DSS) on the members-only Web site.
- Continued discussions of plans to upload PCOR Partnership data to the DOE NETL Energy Data eXchange (EDX) and a pathway for long-term data management, including the following:
  - Completed preparation, review, and upload of Phase II files on December 7, 2018.
  - Met to discuss plans to push PCOR Partnership Phases II and III data to PCOR Partnership public EDX work space. A plan was developed to push several items to the public work space in the coming weeks. Most of the uploaded data will eventually be pushed to the public work space.
- Completed reporting in December:
  - November monthly update
  - Task 10: M61 – Site Closure for Bell Creek Test Site Completed

#### **Task 14 –RCSP (Regional Carbon Sequestration Partnership) WWG (Water Working Group) Coordination (Ryan J. Klapperich)**

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

#### **Task 15 – Further Characterization of the Zama Acid Gas EOR, CO<sub>2</sub> Storage, and Monitoring Project (Charles D. Gorecki)**

This task ended in Quarter 2 – BP4, Year 7 (February 2014).

#### **Task 16 – Characterization of the Basal Cambrian System (Wesley D. Peck)**

This task ended in Quarter 2 – BP4, Year 7 (March 2014).

#### **Travel/Meetings**

- December 2–8, 2018: traveled to Midland, Texas, to attend CO<sub>2</sub> & ROZ Conference Week.
- December 3–6, 2018: off-site staff traveled to Grand Forks, North Dakota, for project work and meetings.
- December 11, 2018: traveled to Fargo, North Dakota, for narration work on “Meeting the Challenge” video series with PPB.

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