



*Providing a forum for open, honest and transparent communication, on-going dialogue and timely discussion of issues related to existing and proposed development and operations in the Drayton-Tomahawk and surrounding areas.*

### **Meeting Notes – March 26, 2014**

#### **Attendance:**

Alex Barton, Sinopec Daylight	Arne Poulsen, Landowner
Bernie Schell, Community	Cliff Whitelock, Landowner
Eleanor Vokes, Bonavista	Stephen Harrington, AER
Trina Wakelin, Penn West	Phil Chatters, Norquest College
Rick Anderson, Facilitator	Bob Domke, Landowner
Fernando Hernandez, Tervita	Tim Gazankas, Trican
Adam Jensen, AB Health Services	
Dean Shular, Town of Drayton Valley	

#### **Previous meeting notes (January)**

No corrections.

#### **Approve Agenda**

No additions.

#### **Follow-Up**

Companies have been invoiced.  
Logo is being developed, will be available at the next meeting.  
Promotional items are on hold until the logo is complete.  
Speaker gifts process in place.

#### **Synergy Chat**

##### **Steering Committee Update**

Banking, address change etc has been changed.  
Review Imperial's sale to Whitecap and the plant to Keyera.  
Public open house in June – topic will be Natural Disaster Response, tentatively to be held in the curling rink lounge. Meal will be included.  
Topic for May meeting, potential topics Mutual Aid or Seismic.

## **Presentation: Canadian Society for Unconventional Resources (CSUR) Video Presentations and Handouts**

The website address for the videos is: <http://www.csur.com/resources/videos-and-animations> The first video watched was the Horizontal Drilling, the other video presented was Understanding Hydraulic Fracturing Operations; Tight Oil. CSUR provided a bag of brochures for each attendee that included: The Unconventional Resource Guidebook, Understanding Hydraulic Fracturing, Understanding Well Construction and Surface Footprint and a handout about Fracturing Fluids. Supporting documents include Canadian Association of Petroleum Producers (CAPP) Guiding Principals for Hydraulic Fracturing <http://www.capp.ca/aboutUs/mediaCentre/NewsReleases/Pages/GuidingPrinciplesforHydraulicFracturing.aspx> and the Petroleum Services Association of Canada (PSAC) Hydraulic Fracturing Code of Conduct <http://www.oilandgasinfo.ca/wp-content/uploads/WEC-Code-of-Conduct-Oct2013.pdf>

### QUESTIONS/COMMENTS:

Cliff: Is the production casing/surface casing cemented from top to bottom?

Tim: Yes there is cement from the production casing to surface, requirements of the AER.

Arne: Fracturing presentations seem calm compared to the information provided by the media or other sources of information. Earth quakes, wash outs etc are of concern.

Tim: Wash outs can happen on the surface equipment due to the sand erosion on the iron.

Trina: Information from the USA is not comparable to Alberta as the requirements in Directive 83 are very comprehensive compared to the operations that were occurring in other jurisdictions.

Bernie: Fracturing is not allowed in areas like Vancouver to protect the faults.

Eleanor: Approximately 7 years ago Bonavista placed geophones down existing wells to determine the extent of the fracturing. The recorders picked up very little at the surface. There have been cases of communication between oil wells. The regulations now require notification and monitoring of nearby industry wells.

Tim: 3D versions of mapping the area that has been fractured have been developed. The average distance from the pipe is 3-5 metres. The fractures follow the natural fissures of the geology. Simply explained: the frac follows the path of least resistance.

Arne: The layer that is being drilled through, can it be measured compared to the vertical section?

Tim: Horizontal wells allow for better access to the payzone.

Steve: It is important to take into consideration the number of wells that have been horizontally fractured successfully compared to the number of incidents is very minimal.

Adam: Fresh water usage is usually in the discussion of hydraulic fracturing. What is being done to reduce the amount of fresh water used?

Tim: Water carries the sand, chemicals improve viscosity, and sand is the key. Chemicals have been researched and developed so that less water is required. Frac fluid is disposed of down hole with as much water as possible removed and recycled.

Trina: 7 percent of the water allocations in Alberta are used by the Oil and Gas industry.

Eleanor: Industry does not use that total 7 percent.

Cliff: County pulled supply well usage and the amount was 10 million 500,000 cubes of water are for industrial use. Industry needs to look after their water usage as their water usage is removed from the water cycle.

Bob: The way that water is being used there will be a water shortage.

Rick: Reviewed the handouts from CSUR.

Steve: Value in having the presentations in this format as it allows the group to drill down to determine if more specific information is required. Then a presenter can be prepared with the exact information the group is looking for.

### **Industry Updates/Roundtable (companies encouraged to provide activity updates from beyond PAS borders as well)**

Norquest College: The College has been in Drayton Valley for the past 30 years under different names. One of the main goals of the college is to be responsive to the training requirements of the industries in the area. Presently they are offering a 3 day Plant Turnaround planning course. Phil would like the opportunity to meet with local industry representatives to discuss required and potential courses that could be offered through the college.

Bonavista: In the PAS area business as usual. Other areas – Currently have 5 drilling rigs running between Westeros, Rimbey west, Willesden Green and Gilby areas. Completions to follow. Pipeline construction throughout this area.

15-27-45-28W4M compressor facility start-up March 26<sup>th</sup>.

15-3-42-4W5M Compressor station construction underway.

Sinopec: Completing and pipelining in the Tomahawk and Breton areas.

Tervita: Fernando offered to present to the group Tervita's operations.

Penn West: Business as usual.

Cliff: Industry is responsible for reporting their spills in a timely manner.

Town of Drayton Valley: Impressed with the work of Synergy. Clean Energy and Technology Centre information contact Phil at Norquest College or Christine Vallee at the town office. The ground will be broke in 2014 to start construction on the building. The Fire Department is also building a training facility, for further information contact the Fire Chief.

AHS: Please continue notifying Alberta Health Services regarding emergency response exercises, Adam tries to attend as many as possible.

AER: Final Phase of the AER brings in the Alberta Environment Protection and Enhancement Act, Water Act and reclamation. Drayton Valley Field Centre will have a total of 18 staff.

Trican: Plans on attending the Synergy Group meetings on a go forward basis. Tim was welcomed to the group by many participants.

### **Next Meeting dates/adjourn:**

Topic for next meeting: Mutual Aid. May 28<sup>th</sup> at the Penn West office. 6 pm start time with a meal being served before the meeting starts at 7pm.