



SPOG

SUNDRE PETROLEUM OPERATORS GROUP



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www.spog.ab.ca

Village of Caroline

Prospering at Nature's Doorstep

The Village of Caroline has 501 residents, 20 businesses and is mainly an oil and gas, forestry & agricultural community. The Caroline K-12 School has 331 students, many from the surrounding rural area, with 24 graduating this year.

each year and is always well attended. Caroline Cougars football team is a powerhouse. In the past year they won Zones and then moved on to Provincials in Calgary. The baseball diamonds in Caroline are used regularly for many tournaments, the one most



Caroline is very well known for its athletes. Kurt Browning born and raised in Caroline was both Canadian figure skating champion and World Champion four times. Home town boys Jim Vandermeer, Kris and Ryan Russell have all had successful professional hockey careers, including playing in the NHL.

Sports are an important part of Caroline's fabric. The arena is used for Minor Hockey, Learn to skate program, Figure Skating, Small Town Smackdown Bullarama and the Rocky 4H Show and sale. The curling club has 3 different leagues and 5 bonspiels

dear to Caroline's hearts is the Justin Dezall Memorial Tournament. The Big Horn Stampede is celebrating its 82nd year and is held on May Long Weekend.

The Caroline Community Hub was built in 2014. The Hub is but one example of the Stronger Together agreement with the County of Clearwater and the Town of Rocky Mountain House. The Hub has a Health and Wellness facility, a playschool, dance studio, the Chamber of Commerce as well as a doctor's office with doctors from Sundre and Rocky Mountain House coming out weekly.

FAO Water Well Restoration



The Well Water Restoration or Replacement Program (WWRRP) exists to help mitigate potential impacts of energy activity on rural Albertans. Funded by the Alberta Energy Regulator (AER) administered through the Farmers' Advocate Office (FAO), this program is a last resort for landowners who suspect their water well of being damaged by energy activities.

Applications under the WWRRP must be submitted within 2 years of the alleged damage. Prior to submitting an application to the WWRRP, a landowner should:

- ◆ Make every effort to resolve the concerns with the operator
- ◆ Have an investigation completed by the appropriate section of Alberta Environment and Sustainable Resource Development

WWRRP applications are reviewed at a hearing and decided by a committee. Please call the FAO at 310-FARM (3276) or email farmers.advocate@gov.ab.ca if you have any questions.

IMPACT

Industry, Municipal, Public Action on Communication and Trust

Monitoring Alberta's Air, Water, Land and Biodiversity

With the proclamation of the *Protecting Alberta's Environment Act* on April 28, 2014, the Government of Alberta formally established the Alberta Environmental Monitoring, Evaluation and Reporting Agency (AEMERA) as an arm's length organization responsible for providing credible, scientific data and relevant information on the conditions of Alberta's environment.

Mission

To measure, assess and inform the public on the condition of Alberta's environment.

Mandate

Created under the *Protecting Alberta's Environment Act*, AEMERA's man-

date is to provide provincial environmental monitoring, evaluation and reporting:

- Based on sound science and evidence;
- Presented in a timely, open and transparent manner; and,
- That respects and incorporates community and traditional ecological knowledge from Alberta's First Nations and Métis.



Alberta Environmental Monitoring, Evaluation & Reporting Information Service (AEMERIS)

Recognizing the need to provide environmental real-time and historic data and information, as a first step, AEMERA launched AEMERIS – an information-sharing platform to provide access to data on key ambient air, water, land and biodiversity indicators and related environmental information.

Visit AEMERIS at

<http://aemeris.aemera.org/>

Shell does Product Content Testing

Product content testing (PCT) determines a reservoir's fluid composition and is key to base business. Determining the fluid composition ensures proper hydrocarbon and revenue allocation through accurate metering. The testing is also important to our reservoir and production engineers to predict reservoir behaviors. Gathering this information involves installing a separator at the well site for at least 12 hours until well flow has stabilized. Gas, condensate, and water rates are then measured and each stream is sampled and sent for compositional lab analysis. From an integrity standpoint, the PCT is also used in determining any potential corrosion and scaling threats in order to protect the business and community.

It is an Alberta Energy Regulator (AER) requirement that all wells in Alberta undergo PCT testing within 30 days of first being brought on production. After the initial test, the frequency of testing is usually once a year, unless an exemption is in place.

The test data is submitted to the board by a third party reporting system called Protrend. Shell performs field wide testing in the spring, and test results are submitted in the summer.



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