

Manitoba Petroleum Guideline 11 – Enhanced Oil Recovery Report

May 2014

## **Enhanced Oil Recovery (EOR) Annual Report**

- 1. As per section 73 of the *Drilling and Production Regulations*, the operator of an Enhanced Oil Recovery (EOR) project shall submit an annual report within 60 days after the end of the calendar year that includes the following information for that year:
  - a. the oil production rate, injection rate, GOR, and WOR during each month for each injection pattern and for the whole project;
  - b. the cumulative volume of oil, gas, and water produced and fluid injected for each injection pattern and for the whole project at the end of the year;
  - c. the monthly wellhead injection pressure for each injection well;
  - d. a summary of the result of any survey of reservoir pressure conducted during the year;
  - e. the date and type of any well servicing;
  - f. calculations of the voidage replacement ratio on a monthly and cumulative basis for each injection pattern and for the project area;
  - g. an outline of the method used for quality control and treatment of the injected fluid;
  - h. a report of any unusual performance problems and remedial measures taken or being considered;
  - i. any other information that the operator or director considers necessary to evaluate the performance of the project such as, but not limited to, the following:
    - i. discussion the overall performance of the EOR project;
    - ii. discussion of any trends in production or development; and
    - iii. discussion of comparison of current recovery against original forecasted recovery.
- 2. The data referred to in clauses 1.a to 1.c must be submitted in tabular and graphical form.
- 3. A separate report shall be provided for each separate EOR project.
- 4. Submit in **digital format only** to <a href="mailto:Leonen@gov.mb.ca">Leonardo.Leonen@gov.mb.ca</a> or to the following address:
  - Regulatory Services Branch, Winnipeg: 360 1395 Ellice Avenue, Winnipeg, MB, Canada R3G 3P2
- 5. For further information, please contact Leonardo Leonen at (204)-945-6570.