Petroleum Engineering 620 — Fluid Flow in Reservoirs
Homework Submission Instructions
Summer 2001

You are to present your homework and project assignments with the following information on a coverpage:

Name:  (printed)
Course:  Petroleum Engineering 620
Date:  Day-Month-Year
Assignment:  (Specific)

You are to use the following format for all assignments (taken from the course syllabus)

I. General Instructions: You must use engineering analysis paper or lined notebook paper, and this paper must measure 8.5 inches in width by 11 inches in height
   1. You must only write on the front of the page!
   2. Number all pages in the upper right-hand corner and staple all pages together in upper left-hand corner. You must also put your name (or initials) in the upper right corner of each page next to the page number (e.g. John David Doe (JDD) page 4/6).
   3. Place the following identification on a coverpage: (Do not fold)
      Name:  (printed)
      Course:  Petroleum Engineering 620
      Date:  Day-Month-Year
      Assignment:  (Specific)

II. Outline of Homework Format
   1. Given: (Base Data)
   2. Required: (Problem Objectives)
   3. Solution: (Methodology)
      A. Sketches and Diagrams
      B. Assumption, Working Hypotheses, References
      C. Formulas and Definitions of Symbols (Including Units)
      D. Calculations (Including Units)
   4. Results
   5. Conclusions: Provide a short summary that discusses the problem results.

III. Guidelines for Paper Reviews
   For each paper you are to address the following questions:  (Type or write neatly)
   
   ● Problem:
      — What is/are the problem(s) solved?
      — What are the underlying physical principles used in the solution(s)?
   
   ● Assumptions and Limitations:
      — What are the assumptions and limitations of the solutions/results?
      — How serious are these assumptions and limitations?
   
   ● Practical Applications:
      — What are the practical applications of the solutions/results?
      — If there are no obvious "practical" applications, then how could the solutions/results be used in practice?
   
   ● Discussion:
      — Discuss the author(s)'s view of the solutions/results.
      — Discuss your own view of the solutions/results.
   
   ● Recommendations/Extensions:
      — How could the solutions/results be extended or improved?
      — Are there applications other than those given by the author(s) where the solution(s) or the concepts used in the solution(s) could be applied?