Reservoir – Class 8 – Thurs Mar 10

Sign Attendance Sheet

Thurs, April 21, Employment Fair, Learning Hub, room 230, 10am-2pm, dora.campa@hccs.edu

Review tests, give presentations

So Far – Covered Introduction, Chapter 1 -4

Today – Will cover Chapter 5 - One phase flow, well test interpretation

Why is this important?

Pg 133-134 – static pressure, kh, skin effect, drainage radius, fluids, drive mechanism

Pg 135-137 – hydraulic diffusivity, fig 5.1, constant pressure

pg 142 – pressure build up after shut-in

Pg 144-146 – important remark, skin effect, stimulation, fig 5.11

Pg 148-149 – productivity index, heterogeneity, fault, two phase flow

Pg 151-153 – gas flow, deliverability curve, absolute open flow

Pg 154-158 – well testing phases, fig 5.16, periodic tests, interference tests

Pg 159-160 – drill stem tests on drilling rig

Schlumberger and Halliburton sites

Homework – review Chap 5, 6

Turn in Technical Report & prepare presentation, if not done

Thurs March 17 – no class, Spring Break

Class 9- Thurs March 24 – discuss Chap 6

Grades provided after Test # and # 2 completed, Technical Report and presentation completed

Class 10- Thurs March 31 – Test # 3 on Chapter 5 & 6, and some from Tests # 1 and # 2

Class 11- Thurs April 7 – review tests, discuss Chapter 7, turn in Technical Report #2, extended from March 31