Geology – Class 5 – Wed July 6

[www.spe.org](http://www.spe.org), [www.spegcs.org](http://www.spegcs.org), free SPE webinars

SPE Young Professionals Roughneck Camp, Thurs July 21. $ 25. At Shell’s office

Today

Review Test # 3 on Chap 9, 10, 11, 12

Presentations # 1 and # 2

Discuss Chap 24, 25, 26

Test # 4 on Chap 13, 18, 23

Chapter 24 – Petroleum Production

Pg 431-432 – tubing, casing, bottom hole pressure, shut-in, draw down

Pg 432-433 – well test

Pg 434-435 – cased hole production logs

Pg 435-439 – decline, bypassed oil, coning, cycling

Pg 439-441 – PI analysis, stimulation, acidizing, fracturing

Pg 445-446 – subsidence, corrosion

Chapter 25 – Reserves

Pg 451-453 – in place reserves, recovery factor, shrinkage

Pg 454-458 – oil reserves, acre-foot, decline curve, gas reserves, reserve categories, table 25-2

Chapter 26 – Improved Oil Recovery

Pg 459-461 – water flood

Pg 468-469- sweep efficiency, mobility, lug and abandonment

Homework – review Chap 24, 25, 26. Complete Presentation # 1, 2 and Group Presentation # 3

Class 6 – Wed July 13

Review Test # 4 on Chap 13, 18, 23

Individual Presentations # 1 & 2

Group Presentation # 3

Test # 5 on Chap 24, 25, 26

Class 7 – Wed July 20 – Review test # 5, finish all presentations, Test # 6, Final Exam

Class 8 – Wed July 27 – finish all presentations, Test # 6, Final Exam