

# **GEOL 5770: Special Topics: CA Oil Industry Statutes & Regulations**

**Winter Session, 2020 @ CSUB**

LECTURER: Dr. John P. Yu, Geological Science Department  
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**Class session: 3 credit hours**

**January 2nd to 17th, 2020. 6:00PM – 9:10PM**

This is an introductory course in California oil & gas legislation and regulations. “California Statutes & Regulations for the Division of Oil, Gas & Geothermal Resources (DOGGR) – April 2019 edition” is going to be used as reference in the class. **Updates on new released UIC & Idle Well Program regulations will be discussed in the class.** General statutes and regulations will be illustrated in new drills, injection wells, abandoned wells, idle well programs. We will discuss well stimulation (SB4) application and inspection requirements. Underground injection control (UIC) and aquifer exemption application processes will be illustrated with general examples. With the above illustrations, you will be able to understand the relationship among EPA, Water Board, Kern County, BLM and DOGGR in permitting and project review processes. **Actual field cases will be presented in the class.**



## **Course Outline:**

1. Functions of Division of Oil, Gas & Geothermal Resources
2. BLM, Kern County & City permits for oil & gas leases
3. Regional Water Board, State Water Board and EPA involvements
4. Oil & gas well permits – new drill, workover and abandonment
5. Field inspection requirements related to well permits
6. Aquifer exemption, underground injection control (UIC) applications & approval processes
7. Update on new released UIC regulation & the impacts to your operation
8. Idle Well Program and update on new released regulation in the program
9. Well stimulation application and inspection requirements
10. Up-to-date permit applications: e.g. WellSTARS process
11. Questions & answers

## **Instructor:**

Dr. John Yu is a part-time instructor at Geological Science Department of CSUB. He worked in oil & gas industry for 10 years and for DOGGR & CA State Lands Commission for about 20 years. Dr. Yu was the former trainer for DOGGR in technical applications and Associate Oil & Gas engineer for permit approval, UIC and aquifer exemption review etc. Previously, he also worked in the private industry and taught at West Virginia University.