



**CITY OF LONG BEACH
CLASSIFICATION SPECIFICATION**

TITLE: GEOLOGIST I-II

DEFINITION: Under direction, performs increasingly complex and responsible petroleum geological work pertaining to oil field development, oil and gas production, enhanced recovery methods, subsidence control, and other related work.

REPORTS TO: Division Engineer-Oil Properties

DISTINGUISHING CHARACTERISTICS:

Grade Level I - Performs the journey-level duties of the classification;

Grade Level II- Supervises and performs the most difficult and responsible geological and subsidence engineering work

EXAMPLES OF DUTIES:

- Plans, develops and conducts preliminary and final geologic studies and submits recommendations;
- Determines the sequence, structure and relationship of geological formation as they affect oil field development, oil and gas production, enhanced recovery methods, and subsidence control operations;
- Evaluates existing geologic data, reports and professional papers;
- Prepares, maintains, and interprets geologic profiles, cross sections, maps, charts, and graphs;
- Correlates all electric logs and cores;
- Keeps records and prepares reports;
- May supervise, coordinate, plan, assign, train, direct, and evaluate subordinate personnel;
- May assist in development of division budget;
- Performs other related duties as required.

MINIMUM REQUIREMENTS:

Graduation from an accredited college or university with a Bachelor's degree in Geology or Petroleum Engineering; and Five (5) years of experience in petroleum geology;

A Master's degree in Geology may be substituted for one (1) year of experience and a Doctoral degree in Geology may be substituted for two (2) years of experience;

Registration as a Professional Geologist in the State of California;

A valid California Class C motor vehicle operator's license;

Wilmington Oil Field experience desirable.

HISTORY:

- Revised: 05/04/82, 02/10/66
- Established Grade Levels I & II and consolidated Senior Geologist into Geologist II:
- Approval/Adoption Date: 05/24/2000