



Sloan Career Cornerstone Center

Profiles of Geoscientists



Craig Kemp

Geological Engineer
Shell Oil
Houston, TX

Education:

BS, Colorado School of Mines (Geological Engineering)

Job Description:

Geological Engineer

Advice to Students:

"I would strongly advise that any student coming out of college to not allow the company to direct their own careers."

Video Transcript 1:

"And I would strongly advise that any student coming out of college or any student choosing a college, not allow the company to direct their own careers. I mean, there obviously has to be a balance between the company needs and your personal desires. But if you're not going where you want to go fast enough, then there's no sense, life is too short."

Biography:

Mr. Kemp earned his B.S. in geological engineering from the Colorado School of Mines in 1974. Upon graduation, he joined Shell Oil Company as an engineer in its Production Department. He worked for Shell in Ventura and Bakersfield, CA as well as in Houston, TX until 1997 when he elected to join Altura Energy Ltd., a limited partnership of Amoco and Shell's West Texas oil and gas assets. While with Shell, he gained experience as a production (operations) engineer, a geological engineer (development geologist), a geological supervisor, and a manager. The majority of his experience has been in development of supplemental recovery oil fields in California and West Texas. With Altura, he is a geological engineer working in a multidisciplinary group responsible for the development of new or improvements to existing supplemental recovery projects. Specifically, his role is to characterize the reservoir for simulation input and look for development opportunities resulting in increased cash flow and economically recoverable reserves. To accomplish this, he works closely with a petrophysicist (well log analyst), a reservoir engineer, and a geophysicist, when 3D seismic data is available, in a team environment. Use of mapping, correlation, and cross section software is a must to allow for quick turn around and good documentation of projects. Craig is a licensed Professional Engineer in the State of Texas and is a member of the American Association of Petroleum Geologists.

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