

FALL 2024 PETEROLEUM ENGINEERING SEMINAR SERIES

Class Venue: EN305 | November, 13 2024 | 4:30 - 5:20 p.m.

Dwayne Purvis, P.E.

Dwayne has been a petroleum engineer, entrepreneur, and executive in the oil industry for nearly 29 years. He and his team at Purvis Energy Advisors assist oil companies, litigants, and NGOs on engineering and strategic issues, especially how to succeed in the energy transition. He also teaches industry courses, serves as an adjunct professor at Texas Christian University, and frequently contributes to the public discussion of oil industry topics in venues.



The Outlook for the Three Oil Industries.

Mr. Purvis will take a big-picture view of the life cycle of the oil industry in the U.S. – including “conventional” production separate from shale – using extensive data from professional societies, government agencies, OPEC, and his own research. “Conventional” production accounts for the large majority of wells in the country, but collectively it peaked over 50 years ago. Few wells are being drilled, and the large majority stand idle or produce at stripper rates. Ironically, the country is also producing its highest rates ever from a relatively small number of prolific shale wells. But the shale plays have also reached a new stage of maturity, requiring far fewer employees than earlier stages. Meanwhile, exploration and new production – as wells as employment – has been moving overseas while new opportunities for new kinds of subsurface energy open up in the U.S.



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