



2020 SPE Distinguished Members

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A member is automatically elected if they are a recipient of the Anthony F. Lucas Gold Medal, John Franklin Carll Award, Lester C. Uren Award, DeGolyer Distinguished Service Medal, Public Service Award, the Distinguished Service Award, past president of SPE or AIME or an SPE-AIME Honorary Member.



Abdulaziz Al-Majed is an adjunct professor in the Department of Petroleum Engineering at King Fahd University of Petroleum and Minerals, Dhahran.

Prior to that he was the Chairman of the Department and Director of the Center for Petroleum and Minerals, Research Institute at KFUPM. He received his Ph.D. degree from the University of Southern California, MS degree from Stanford University, and BS degree from King Fahd University of Petroleum and Minerals, all in Petroleum Engineering. His industrial experience includes working for brief periods for Saudi Aramco in the reservoir, production, drilling and workover departments.



Eissa Al-Safran is a professor of petroleum engineering and former vice dean for research and academic affairs at the College of Engineering and Petroleum

at Kuwait University. Al-Safran is the founder and director of the Kuwait University Petroleum Production Research Projects and cofounder and associate director of the NMT Production and Drilling research consortium. He earned BSc. (1995), MSc. (1999), and PhD (2003) degrees in PE, and a MSc. degree in mathematics and science education (2003), all from The University of Tulsa (TU). Al-Safran worked as a reservoir engineer, and production engineering consultant in Kuwait Oil Company.



Luiz Amado has 25+ years of experience in the oil & gas industry. He is currently working for BHP Petroleum in Houston as a Principal Reservoir Engineer in the

E&A Group, where he contributes to prospect maturation and appraisal strategies. Prior to that, he held senior positions with universities, service/software companies, operating and non-operating companies. Luiz holds a BS in Civil Engineering from Federal Fluminense (Brazil), MS in Petroleum Engineering from Campinas State University (Brazil) and PhD from Montanuniversitaet Leoben (Austria).



Subhash Ayirala is improved/enhanced oil recovery (IOR/EOR) specialist and is currently leading the SmartWater flooding team at Saudi Aramco's EXPEC

Advanced Research Center, Dhahran, Saudi Arabia, as focus area champion. He has more than 15 years' experience in oil & gas industry. He played a major role in the successful execution of SmartWater flooding multiscale research program besides unraveling the importance of injection water chemistry in the EOR portfolio to develop several novel hybrid recovery technologies. Prior to joining Saudi Aramco, Subhash worked as Reservoir Engineer in Shell International Exploration & Production, Houston, TX, USA. Subhash holds both MS and

Ph.D. degrees in Petroleum Engineering from Louisiana State University, Baton Rouge, LA, USA. He also holds B.Tech and M.Tech degrees in Chemical Engineering from Sri Venkateswara University, Tirupati, and Indian Institute of Technology, Kharagpur, India, respectively.



Pavel Bedrikovetsky is Professor of Petroleum Engineering at the University of Adelaide. Prior to joining the University of Adelaide in 2008, during 1991-1994

Pavel was a Visiting Professor at Delft University of Technology and at Imperial College of Science and Technology. During 1994-2008 he was a senior staff consultant to Petrobras (Brazil). His expertise and research covers waterflood, formation damage and EOR. Pavel has authored a seminal book on reservoir engineering and EOR, and 250 technical papers in international high-impact journals and SPE. He holds BSc and MSc in Applied Mathematics, Ph.D. in Fluid Mechanics, and DSc in Reservoir Engineering, all from Moscow Gubkin Oil-Gas University.



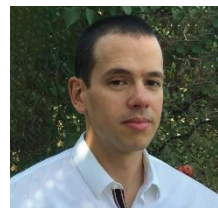
Hernán Buijs is Wintershall Dea Hydraulic Fracturing Subject-Matter Expert. He has worked on multiple projects across South America, Europe, North Sea, Middle East and Russia

Regions. He developed and taught numerous custom-made courses on hydraulic fracturing and reservoir characterization as university professor, invited speaker or company in-house matter expert. He earned an Industrial Engineering and a Petroleum Engineering degree at the Institute of Technology of Buenos Aires, Argentina. Hernán is a 2020 recipient of the SPE Distinguished Service Award.



Rubén Caligari is a professor of Petroleum Engineering at Instituto Tecnológico de Buenos Aires, instructor of technical courses, and participates in Industry and Government initiatives on

Energy Education. He has more than 40 years' experience in engineering and operations in E&P and retired as Sr. Technical Advisor in unconventional resources for Petrobras. In his professional career he was Manager of Knowledge Management for Petrobras Argentina and Manager of Engineering for Pecom Energia leading multidisciplinary teams in project evaluations, field developing and mature fields revitalizations in Argentina and several Latin American countries. He earned a Petroleum Engineering degree from Universidad Nacional de Cuyo, Argentina.



Carlos A. Chalbaud works as Business Development Manager for Storengy, a subsidiary of Engie Group. His main responsibilities are in the Americas on natural gas, geothermal energy and

biogas. Prior to this position he worked in various technical and managerial roles in Oil and Gas Exploration and Production for over 12 years based in France and the UK. Carlos was a member of the Board of Directors of the Society of Petroleum Engineering from 2013 to 2016, in which he represented the North Sea region. He has served as member of the Board of the SPE London Section and the France Section, The Editorial Board of The Way Ahead and in several other volunteer roles. He is a recipient of the SPE Young Member Outstanding Service Award and the London Section Award. He holds a B.Sc. in Chemical Engineer from Simon Bolivar University, a M.Sc. in Petroleum Engineering and Ph.D. in Engineering, both from IFP-School, and an MBA from IE Business School. Carlos is a 2020 recipient of the SPE Distinguished Service Award.



George V. Chilingar(ian) is Professor Emeritus of Petroleum, Civil and Environmental Engineering at the University of Southern California (USC), Los Angeles, California. He received his BS and MS Degrees in Petroleum Engineering at the University of Southern California (USC) in 1949 and 1950, respectively. While he was working on his Ph.D. in Geology at USC, he spent four years in the U.S. Air Force, where he made a scientific breakthrough in jet fuel and was given the position of Chief of the Petroleum and Chemicals Laboratory at Wright Patterson Air Force Base, Ohio. By 1956 he was awarded a Ph.D. in Geology with the minor in Petroleum Engineering. After his term serving in the US Air Force, he returned to USC as a member of the School of Engineering faculty. For over 60 years, Professor George V. Chilingar taught various courses in Petroleum Engineering, Petroleum Geology, and Environmental Engineering at USC.

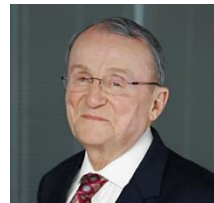


Torsten Clemens is a Senior Reservoir Engineering Adviser with OMV Upstream where he works on EOR, field redevelopment planning and digitalization. Previously, he spent 8 years with Shell developing advanced recovery methods and looking into fractured reservoirs. Torsten published more than 90 technical papers, amongst them two best papers. Clemens received the SPE Regional Award for Reservoir Description and Dynamics and he was an SPE Distinguished Lecturer. He obtained a MS and PhD degrees from University of Tuebingen on hydrogeology for reactive transport modelling.



Mike Eberhard was COO and EVP for SRC Energy. Mike joined SRC in August 2015 after working for Anadarko Petroleum for four years as the

Wattenberg Completions Manager. Graduating from Montana State University in 1980 with a Bachelor of Science in Mechanical Engineering degree, Mike started his 40-year oil industry career as a Field Engineer for Halliburton Services. Mike went on to become the Rocky Mountain Technology Manager where he led a multi-disciplined team focused on unconventional resources completions and optimization. Mike is a registered professional Petroleum Engineer in Colorado. Mike is a 2020 recipient of the SPE Distinguished Service Award



John Ely started his career with Halliburton Co., in 1965, working as a technician for the Analytical group while completing his college work. He graduated from Oklahoma State University in 1968 with a B.A. in chemistry. On returning to Halliburton, Mr. Ely served as chemist and senior chemist in fracturing research before transferring to International Operations. Ely joined Nowsco Services in 1980 as Engineering Manager. His responsibilities included overseeing chemical and mechanical research and coordinating training for field engineers. In 1985, John joined S.A. Holditch and Associates as Vice-President of Stimulation Technology. John with three partners founded Ely & Associates, Inc. This company provides a blend of practical and technical expertise on well completion, stimulation fluids and equipment, and reservoir analysis. In addition to fracturing expertise John has been deeply involved with treatment and recycling of fracturing fluids. John holds more than 80 patents and publications, including two editions of a book titled "Stimulation Treatment Handbook/ An Engineer's Guide to Quality Control". John is the recipient of the 2020 SPE John Franklin Carll Award.



John Etherington spent 32 years with Mobil Oil in USA, Canada, Indonesia and the U.K. before establishing an independent consulting

practice in Calgary in 2000. He served on the Society of Petroleum Engineers (SPE) Oil and Gas Reserves Committee with primary responsibility for drafting the 2007 Petroleum Resources Management System (PRMS). He was a major contributor to the subsequent 2011 SPE Petroleum Reserves Classification Guidance, the 2019 SPE Estimating and Auditing Standards for Reserves document, and the 2018 PRMS update. He holds a BSc and MSc degrees in Geology from Western University in London, Ontario and the University of Alberta in Edmonton.



Tore Fjågesund is the Founder and current Managing Director of Wellbarrier, a Norwegian company that was acquired by Schlumberger in 2018. He started his career in Saudi Arabia working with Flopetrol, later to become Schlumberger Well Testing. He worked as a consultant for Norsk Hydro, Statoil/Equinor and Lundin working with Intelligent Completions and setting up internal Drilling and Well Management systems. He has 40 years of experience working with Drilling & Wells where he has spent more than 20 years working with well barriers and well integrity. He has co-authored two revisions of the Norsok D-010 standard “Well Integrity in Drilling and Well Operations”. His engagement in well integrity led to the inauguration of the Wellbarrier company and the provision of a digital well barrier and well integrity solution now widely used by Operating companies around the world as part of solutions to safeguard oil and gas well activities. Fjågesund hold degrees in mechanical engineering from Telemark University College and in petroleum engineering from Stavanger University College in Norway.



Fred Florence is the president of Rig Operations, LLC providing consulting and training services mainly for automation and controls related to drilling operations. He entered the industry in 1973 with the drilling contractor SEDCO as an engineer

trainee on a semi-submersible off Eastern Canada. He later became the project engineer on the first multiplex BOP control system for operations in 6,000 ft of water. He moved into operations as a field technician progressing to North Sea Division Manager for Anadrill after the Schlumberger purchase and the creation of Sedco Forex. He joined VARCO, now National Oilwell Varco, as a project manager and later managed a team building a supervisory control system for offshore and land rigs. In 2004 he was the product champion of a controller used to drill a test well in Texas by a remote driller in England – believed to be the first Transatlantic remote drilling operation. He retired in 2015 as Director of Advanced Drilling Technology. Fred holds an MBA in Marketing and a MA in International Management from the University of Texas at Dallas. His undergraduate degree is a Bachelor of Science in Electrical Engineering from Southern Methodist University.



William Haskett is the Managing Director of the Haskett Consulting International companies in Canada and the United States. He was previously Chairman and Senior Principal for Energy Strategy at Decision Strategies (2000-2015), and Senior Exploration Advisor for Unocal Worldwide New Ventures (1980-2000). Having spent 40 years in the energy, infrastructure development, LNG, and mining industries he provides strategy, training, and project decision support to countries, companies, and teams worldwide. He holds a B.Sc. degree in Geology from McMaster University in Hamilton, Ontario, Canada, and an MBA with concentrations in Finance and Organizational Development from the Haskayne Business School at the University of Calgary, Calgary, Alberta, Canada. Bill is also a Decision Professional, a Certified Petroleum Geologist, and a Licensed Paramedic. Bill is recipient of the 2020 Public Service Award.



Phaneendra Kondapi is currently serving as the Assistant Dean of Engineering Programs at University of Houston and as a Professor Subsea Engineering. He is the Founding Director of Engineering Programs at UH Katy campus and served also as Director of Subsea Engineering. Previously, he was the Director of Subsea Engineering and Professor of Practice at Texas A&M University. Phaneendra is also an affiliate faculty at Colorado School of Mines. Phaneendra gave over 50 technical presentations and invited talks at various international conferences and universities, over 50 industry presentations and has organized/chaired over 50 technical sessions/meetings. He also has published over 25 articles in various journals and magazines. Phaneendra has received his Ph.D. from Tennessee Technological University and B.S. and M.S. from Andhra University, all in Chemical Engineering



George J. Koperna Jr. is Advanced Resources International's Vice President of Engineering. He has held numerous volunteer positions within the SPE, including serving on the International Board of Directors as the Northeastern North American Regional Director (2006-2009), chairing its Audit Committee from 2007-2009. Mr. Koperna has also participated in the SPE Distinguished Lecturer Selection Committee (2004-2006), the SPE Reservoir Award Committee (2016-2017) and as its Chairperson in 2018, the Reservoir Technical Director Advisory Committee (2015-2018), and as an Officer in the Carbon Dioxide Capture, Utilization and Sequestration Board/Technical Section from 2012-2019, chairing it from 2015-2017. Additionally, he has spent the last 8 years as SPE's representative to A.I.M.E. on the Hoover Board of Award and has chaired or participated on program committees for numerous SPE technical meetings, fora, and workshops over his

25-year membership. Mr. Koperna continues to support the SPE National Capital Section, holding several elected positions between 1998 to present. He holds a B.Sc. and an M.Sc. in Petroleum and Natural Gas Engineering awarded from West Virginia University in 1992 and 1994, respectively. George is a recipient of the 2020 SPE Distinguished Service Award.



Marcelo Laprea-Bigott is a Professor of Engineering Practice at the Petroleum Engineering Department and Program Manager, Cooperative Agreement, DOE, A&M University-Lawrence Berkeley National Laboratory-Stanford University-INPEX Eagle Ford, LLC. at Texas A&M University in College Station. Has been involved in teaching and research at different Universities as Professor of Petroleum Engineering at Universidad de Oriente, Venezuela, visiting Adjunct Professor at Texas A&M and visiting Adjunct Professor at University of Tulsa. In the private sector, served as founder, principal owner and President of SIMUPET, C.A., a Petroleum Engineering Consulting firm and Consorcio Lamar C.A., an integrated oil field tubulars management company. President of S.A. Holditch-Venezuela and the Business Development Manager for HRT – Schlumberger OFS. Marcelo holds a Ms. Sc. and Doctor of Philosophy in Petroleum Engineering from Texas A&M University and Petroleum Engineering degree from Universidad del Zulia, Venezuela.

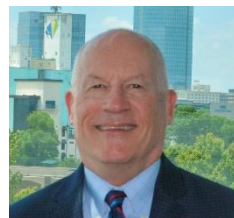


Shouxiang (Mark) Ma is a Senior Petrophysics Consultant overseeing research, technology, and professional development at Reservoir Description Division, Saudi Aramco. Mark was Supervisor of Petrophysical Support & Study Unit, Petrophysics Advisor at Upstream Professional Development Center, and lead petrophysicist for logging operations at Saudi Aramco since 2000. Ma worked at Exxon Production Research Company, Wyoming

Western Research Institute, New Mexico Petroleum Recovery Research Center, and China Yangtze University. He started the LinkedIn group Learning and Practicing Petrophysics Together with more than 1000 members and co-manage another bigger group Petrophysics and Core Analysis with more than 5000 members Mark holds a BS degree from China Petroleum University, and MS and PhD degrees from New Mexico Tech, all in petroleum engineering.



R. Keith MacLeod is a retired petroleum engineer from Sproule, a worldwide independent petroleum consulting firm headquartered in Calgary, Canada. His career spans 40 years, starting as a junior engineer and progressing to the position of Chief Executive Officer and Chairman of the Board, prior to his retirement in 2014. In this position he was responsible for overseeing Sproule's Canadian, U.S., International, Unconventional and Project Management businesses. Keith has experience working on projects in 30 countries spanning 6 continents. Keith lectured at the University of Calgary and presented to industry on oil and gas property evaluation and public disclosure related matters. He earned his Diploma in Technology in Mineral Science from the College of Cape Breton, now Cape Breton University. He earned a Bachelor of Science (Honors) in Mining Engineering from Montana College of Mineral Science and Technology, Butte, Montana.



C. Michael Ming is the President and Founder of Ming Energy Partners, LLC. He retired in 2018 as the VP - Executive Liaison for Marketing & Technology for Baker Hughes, a GE Company. Formerly, Mike served as the original General Manager of General Electric's Global Research O&G Technology Center in Oklahoma City. Mike previously served as the Oklahoma Secretary of Energy under Governor Mary Fallin, the President of the Research Partnership to

Secure Energy for America (RPSEA), and as an independent natural gas producer as a Managing Member and principal of K. Stewart Energy Group and K. Stewart Petroleum Corp. He holds a BS degree with distinction in Petroleum Engineering and an MS degree in Engineering Management, both from Stanford University, and is a registered professional engineer in Oklahoma.



Evren M. Ozbayoglu is currently a "Chapman Endowed Wellspring Professor" at The University of Tulsa (TU), Petroleum Engineering Department (PE), and the Executive Director of The University of Tulsa, Drilling Research Projects (TUDRP). He joined the Faculty of the TU-PE Department in August 2009. He was previously a full-time faculty and department co-chair at Middle East Technical University – Petroleum and Natural Gas Engineering (METU-PETE). Ozbayoglu has more than 50 journal articles, more than 100 conference papers from various proceedings, and has written 2 book chapters. He has participated in several joint industrial projects serving as PI, co-PI and researcher on projects related to major drilling engineering topics. He earned his BSc and MSc from METU, and his PhD degree from The University of Tulsa.



Satinder Purewal has been (since 2004) an Honorary Professor of Petroleum Engineering at Imperial College teaching part of the MSc course in Petroleum Engineering. He has over three decades of global Reservoir Engineering experience for many large Oil and Gas field developments (e.g. Kashagan (Kazakhstan); Buzzard (UK), Oughroud (Algeria), several fields in Nigeria, etc.). His last senior position in Shell was for Reserves Assurance signoff (European Region) and head of Global Reserves Training. Previously, he was director of reservoir engineering courses in Shell Learning Centre

(Rijswijk). Recently, he provided commercial and technical M&A advice to company boards and held several board and advisory positions. He is a recognized experienced leader for reserves assurance, reserves classification (PRMS and UNFC) and reserves training. With the UNECE, he is currently Chairman of the Petroleum Work Group, Member of the Technical Advisory Group and a Member of the Expert Group on Resource Management. He is a Fellow of the Institute of Physics, Fellow of the Energy Institute, Member of SPEE and a Chartered Engineer (CEng). He holds BSc (Honours), MSc and PhD degrees from Imperial College.



Chandra S. Rai is currently Martin Miller Chair Professor in the Mewbourne School of Petroleum and Geological Engineering at the University of Oklahoma. He

served as the director of Mewbourne School of Petroleum and Geological Engineering from 2007 to 2019. During his tenure he was responsible for modernization of all the undergraduate teaching laboratories, hiring 20 new faculty members, and managing six-fold increase in undergraduate enrollment and along with Prof. Sondergeld started two industrial consortia, Experimental Rock Physics and Characterization of Unconventional Reservoirs. Prior to joining the University of Oklahoma, he was with Amoco Production Company Research Center and with BPAmoco in various technical and management positions. At Amoco he was member and then team leader of the team responsible for doing R&D in the broad area of rock physics and petrophysics. He was associated with the development of rock properties database, on-site core characterization system, and rock modeling software. He obtained BS and MS in Applied Geophysics from the Indian School of Mines, and a PhD in 1977 from the University of Hawaii in Geology and Geophysics.



Marisela Sanchez-Nagel is currently President of OilField Geomechanics LLC, a women-owned business focused on petroleum geomechanics training and consulting, founded in

2014. Sanchez-Nagel has nearly 25 years of global industry experience in Geomechanics applied to Oil and Gas, having worked for Intevep, the technology arm of PDVSA in Venezuela; as President of Global GeoSolutions, an independent geomechanics consulting company in Latin America; for Geomechanics International as a project manager; and as General Manager and President of Itasca Houston from 2007 to 2014. She has worked on many geomechanical projects around the world, and has presented at numerous geomechanics schools, training courses and invited talks. Sanchez-Nagel holds a PhD. from the University of Oklahoma in Geological Engineering and Geomechanics, a Geotechnical Engineering MS from Universidad Simon Bolivar and a Mining Engineering degree from Universidad Central de Venezuela.



Subhash Shah is Shell Chair Professor and Chief Mentor in the School of Petroleum Technology, Pandit Deendayal Petroleum University

(PDPU), India. He is also an Emeritus Professor in the Mewbourne School of Petroleum and Geological Engineering (MPGE) at the University of Oklahoma (OU). He retired from OU after serving 22 years as Stephenson Chair Professor and MPGE Director (2000-2002). During his tenure at OU, he also served as the Director of OU's Well Construction Technology Center. He has a distinguished career in the oil and gas industry that spans over 45 years: 18 years with Halliburton and 27 years in academics. Shah holds a B.E. from M.S. University of Baroda, India, and M.S. and Ph.D. from University of New Mexico, USA, all in chemical engineering.



Ashok K. Singhal is the Principal Consultant with Premier Reservoir Engineering Services Ltd., based in Calgary, Canada. He had earlier worked with

Alberta Research Council/Petroleum Recovery Institute as a Senior Staff Scientist, with Gulf Canada as a Coordinator of Reservoir Engineering for Heavy Oil/Oil Sands Development, and with Indian Institute of Technology, Kanpur as an Assistant Professor of Chemical Engineering. His work focus has largely been on Enhanced Oil Recovery. He received a B.Sc. (Honours) from Indian School of Mines, Dhanbad, an M.Sc. from the University of Alberta, Edmonton and a Ph.D. from the University of California, Berkeley, all in Petroleum Engineering.



Junichi Sugiura is the Vice President and co-founder of Sanvean Technologies, which specializes in designing, developing and manufacturing innovative

downhole measurement and control systems technology for the oil and gas industry. He was formerly a Schlumberger Principal Engineer in the UK. From 2012 to 2020, Sugiura served as a Session Chair and as Drilling/Completions Program Committee chair for the IADC/SPE Drilling Conference and the SPE Annual Technical Conference and Exhibition (ATCE). In 2019, he served as an SPE ATCE Vice Chair in Calgary, Canada, and he is a 2020 SPE ATCE Program Chair in Houston, Texas, USA. He holds a BS degree in Electrical Engineering Honors from the University of Texas at Austin.



Hamdi Tchelepi is the Chair of the Energy Resources Engineering (ERE) Department at Stanford University. He worked for a

decade as a Research Scientist in the Reservoir Simulation Research team in Chevron Energy Technology Company. Tchelepi joined the Stanford faculty in July 2003. Prof. Tchelepi served on the Organizing Committee of the SPE Reservoir Simulation Symposium (RSS) for more than a decade, and he was Chair of the 2011 RSS. Tchelepi has B.S. and M.S. degrees from King Fahd University of Petroleum and Minerals (KFUPM), and a Ph.D. degree from Stanford University - all in Petroleum Engineering. Hamdi is the 2020 recipient of the SPE Robert Earl McConnell Award.



Jun Yao is currently Vice-President of China University of Petroleum (East China), Director of Center of Multiphase Flow in Porous Media (CMFPM),

Head of the Chinese Chapter of the International Society for Porous Media (InterPore), Committee member of the Academic Degrees Committee of the State Council, Chairman of Chinese Society for Fluid Flow in Porous Media, Head of “Cheung Kong Scholars” Innovative Research Team by National Ministry of Education, Member of New Century National Talent Project, and Taishan Scholar Climbing Program of Shandong province. Yao’s research focuses on the modeling and simulation of multiphase flow in porous media. Yao is the P.I. (Principal Investigator) of several major national projects of China, including National 863 Program, 973 Program, National Natural Science Foundation, and Major National Oil and Gas projects. He received a B.A.Sc., M.A.Sc., and Ph.D., all in Reservoir Engineering from China University of Petroleum.



Anatoly Zolotukhin is a Rectorate adviser and professor at the Russian State Gubkin University (NRU) of Oil and Gas (Moscow, Russia), chaired

professor at the Northern Arctic Federal University (Archangelsk, Russia) and Professor Emeritus at the Stavanger University (Norway). He serves as professor at the Gubkin University for over 40 years and at the University of Stavanger for more than 25 years. He is the author of more than 250 professional publications among which 25 monographs and textbooks. Worked for nearly 10 years in Statoil as a project manager and Technical Director (1999-2008). He is a member of the Russian Academy of Natural Sciences, Norwegian Scientific Academy of Polar Research and Senior Vice-President of the World Petroleum Council. He holds MS in applied mathematics, MS, PhD and Doctor of Science degrees in petroleum engineering.



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