
Zachary Kaler

509 East Mary Street
Austin, Tx 78704
512.826.3557
zbkaler@gmail.com

Objective

Competent, loyal, and hard-working petroleum geologist seeking next opportunity in the oil and gas industry. Experienced in all stages of exploration; from prospecting to asset evaluation, planning, permitting, initial testing, optimization, and development.

Work Experience

ATX ENERGY PARTNERS

Senior Geologist

AUSTIN, TX

March 2017-March 2020

- Part of multi-disciplinary team focused on locating opportunity and evaluating deals within the Permian, Powder River, and DJ Basins. Mapped entire basins and worked with team to build regional models. Typical evaluation consisted of:
 - Identifying flow units within stacked pay intervals.
 - Geologic mapping of structure, gross pay, net pay, thermal maturity, BHT, GOR, carbonate content, percent clay, etc. Refined net pay cutoffs to reflect offset production and tie geology to engineering.
 - Collaborated with petrophysicist to iron out parameters and generate accurate OOIP values.
 - Modeled well spacing with reservoir engineers by identifying landing zones and building gun barrel diagrams to evaluate parent-child relationships and designate proper spacing.
 - Contributed to slides and overall review of specific projects to management and board.
 - Worked a multitude of formations in numerous basins but primary responsibilities were Wolfcamp, Bone Spring, and Niobrara.
- Previously mentioned work led to evaluation and acquisition of Black Hills Exploration 45,000 acre position in the Powder River Basin and built position up to 125,000 net acres. PRB contributions include but not limited to:
 - Principal geologist of detailed regional Niobrara mapping.
 - Investigated Niobrara landing zones, development strategies, completions techniques and difficulties in order to help refine model and changes to future well design.
 - Worked with contractors, WOGCC, and internal team to efficiently permit Niobrara well locations as needed based on mapping. Attended examiner hearing and protests as representative of ATX.
 - On site for open hole logging and coring operations.
- Powder River Basin position meant to be one asset in a larger ATX portfolio. Evaluations continued thereafter, seeking lower risk core opportunities within the Midland and Delaware Basins. Instrumental in review and mapping of numerous projects due to extensive Permian Basin experience.

BRIGHAM RESOURCES

Associate Geologist

AUSTIN, TX

June 2012-March 2017

- Assisted Geologic Manager and VP of Exploration in evaluation of deals across numerous basins with an emphasis on the Permian Basin. Worked early-time Midland and Martin County Wolfcamp play, keeping track of horizontal activity and offset land tracts. Assisted in initial Southern Delaware prospecting that led to basin entry and eventual 72,000 net acre position that later sold to Diamondback Energy.
- Southern Delaware Basin Wolfcamp Development:
 - Assisted in strategic determination of pilot hole locations.
 - Constructed geo-prognosis, recommended logging suites, and assisted in well planning.
 - Daily contact with mudloggers and on site for open-hole logging.
 - Assisted with horizontal locations based on geology and lease obligations to effectively prove up position.
 - Full time in office and shared geosteering responsibilities with a peak of three rigs.
 - Responsible for landing zone selection and adjustments for optimization.

- Bone Spring Mapping and Development:
 - Identified three prospective intervals within the Bone Spring formation based on positive DSTs, IP tests, and vertical Wolfbone production.
 - Mapped individual benches with guidance from Geologic Manager using net pay cutoffs of porosity and resistivity. CMR logs also utilized for technical look into pore system sometimes missed with conventional logging.
 - Cored prospective benches in subsequent pilot well to enhance geologic understanding.
 - Tested several wells across the three benches, two benches with continued development by Diamondback, Patriot, Apache, Oxy, J Cleo, Parsley, Jagged Peak, and XTO.

- Assisted in sale of assets to Diamondback Energy for \$2.55B:
 - Contributed maps and assisted in slide preparation for Jefferies and Brigham Management presentation.
 - Helped construct geologic portion of Virtual Data Room.
 - Jefferies' contact for geologic data inquiries.

STALKER ENERGY
Geologist/Geotech

AUSTIN, TX
August 2011-May 2012

- Entry level position assisting geologists and geophysicist:
 - Slide and montage preparation for NAPE and private showings.
 - Introduced to Kingdom software equipped with full 3D shoot.
 - Updated activity in Kingdom by use of Tobin (Dwights), Drilling Info., and RRC.
 - Assisted in picking net pay from well logs.
 - Mapped 3-way closure Wilcox prospect in Duval County, Texas with structure and isopach maps.
 - On site for open hole logging and coring operations of the Marble Falls formation, Fort Worth Basin.

Education

UNIVERSITY OF MISSISSIPPI
Bachelor of Science in Geology

OXFORD, MS
May 2011

- Related Course Work: GIS, Mineralogy, Petrology, Geophysics, Oceanography, Sedimentology and Stratigraphy, Economic Geology, Hydrogeology, Environmental Geology, Geomorphology, Structural Geology, Geological Engineering Field Methods, Geology Field Camp in Black Hills, Petroleum Geology, Advanced Petroleum Geology.

Computer Skills

Expert user of PETRA suite and BHL Boresight Geosteering software. Proficient in Starsteer, Enverus, Spotfire, Kingdom, ArcGIS, and Microsoft Office suite. Also very familiar with RRC, UL, WOGCC, and COGCC state sites.

Professional Organizations

American Association of Petroleum Geologists
 West Texas Geological Society
 Rocky Mountain Association of Geologists