

Alex Bernhard

Petroleum engineer with a specialty in drilling and more than six years of experience in planning, developing, and implementing oil field operations across multiple basins.

Skills

- Wellbore design and implementation
- Drilling performance and cost management
- Cooperation with regulatory and legal bodies
- Interdisciplinary teamwork and strategy
- New prospect operational analysis
- Advancement with third parties on product development

Experience

DECEMBER 2018 – CURRENT

Drilling Engineer III / Devon Energy, Oklahoma City, OK

- Since starting on with the company have managed all engineering responsibilities for two Cactus rigs operating in the Delaware basin. Planned all wells from start to finish, selected 3rd party services, and executed successful, under-budget projects.
- Performed the drilling focused operational analysis of basins/peer operators in cooperation with business development group in the pursuit of mergers and/or acquisitions for Devon. Consisted of scrutinizing current operator strategies for execution, as well as creating type cost/drilling duration models if Devon were to enter the acreage position in question.
- Focus heavily in directional drilling philosophy in terms of motor vendor selection and BHA construction. Team up with motor manufacturers to guide innovation on motor development for 7-7/8" hole size.

JULY 2016 – DECEMBER 2018

Drilling Engineer II / EOG Resources Inc., Midland, TX

- Worked first six months as a field drilling engineer rotating two weeks on the rig, one week in the office, one week off.
- Since January of 2017 have worked as a drilling engineer responsible for two H&P Flex 3's operating in the Permian, specifically Delaware Basin in Lea, Eddy, Loving, and Reeves County. Responsible for all planning and implementation of wells from generation of permits to hand off with completions. Have put great emphasis on performance based, cost saving drilling to deliver high quality wellbores.
- Maintained a rig-release to rig-release pace averaging 20 days, varying by lateral length and formation complexity
- Competent in software that is internally based with EOG as well as external programs such as WellPlan, Stress Check, and Spotfire
- Make data driven decisions to drive consistent performance gains as well as grow knowledge for entire company in other disciplines (e.g. petrophysics, geology, reservoir,

and completions). Cooperate well with other operational groups (completions and production) to improve overall well performance and rate-of-return.

JUNE 2014 – JULY 2016

Engineer I / EOG Resources Inc., Tyler, TX

- Rotated through the four primary disciplines of petroleum engineering within engineer in training program.
- Drilling Engineer: Spent six months on drilling rigs in Buda and Eagleford basins working two weeks on, two weeks off. Remaining two months consisted of in-office engineer responsibilities such as writing procedures for upcoming wells and advanced torque and drag analysis.
- Production Engineer: Spent five months in the field performing roles such as lease operator, workover superintendent, construction supervisor, etc. and one month in the office designing ESP installations.
- Completions Engineer: Spent two months on frac spreads on Buda wells and two months in the office doing post-job analysis of fracs.
- Reservoir Engineer: Spent two months modeling decline curves and producing volume/capital forecasts. Last four months were focused as an exploratory operational engineer that entailed OBO analysis, wildcat well design, and creating D&C budgets.

MAY 2013 – AUGUST 2013

Production Intern / EOG Resources Inc., Tyler, TX

- Worked on artificial lift development across multiple basins including Haynesville, Eaglebine, and Buda. Implemented designs to increase late-life production and boost long term well economics
- Identified problem wells throughout the division based on production data in order to initiate workover operations to re-establish projected decline volumes. Workover requirements included killing flowing wells, pulling artificial lift equipment, and cleaning out tubing/casing.

MAY 2012 – AUGUST 2012

Land Management Intern / Reliance Holding USA Inc., Houston, TX

- Created an initial database of all wells for three joint ventures and tested Quorum Land System when first established. Spent time in the field in Eagleford on various drilling rigs, frac spreads, and gathering points.

MAY 2014

Bachelor of Science in Petroleum Engineering / University of Texas, Austin, TX

- GPA: 3.40 out of possible 4.0

Activities and Honors

- Scholarship recipient and member of SPE since 2010
- Member of AADE since 2018