
TRACY L. LENZ, P.E., C.M.A

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PROFESSIONAL EXPERIENCE

PECAN TREE OIL & GAS, LLC (Round Rock, TX)

January 2020 - Present

Certified Minerals Appraiser, Registered Professional Petroleum Engineer, Founding Owner

- Perform evaluations, appraisals, and consulting services for mineral owners for the purposes of establishing value for tax analysis, estate planning, or acquisition/divestiture decisions.
- Assignments typically include appraising oil and natural gas properties via economic analysis which includes generating production forecasts for existing and simulated wells by researching publicly available records for performance of wells in the geographical area surrounding the target property. Engineering analysis is then performed on geological and geophysical data for the well's future production potential as well as the formation(s) reserves. Then an economical assessment is performed to test the well's economic feasibility and potential future income stream. Most appraisals typically include an element of title research in order to determine ownership and/or leasing status.
- Experience in Texas, Oklahoma, North Dakota, Utah, New Mexico, Colorado, Kansas, Louisiana, Ohio, and Gulf of Mexico.

JONES ENERGY (Austin, TX)

Sept 2012 – April 2020

Primary engineer responsible for SEC reserves, corporate forecasting, and production reporting. Developed scalable, repeatable, reliable processes as the company went from private to public, through chapter 11 bankruptcy, back to private, then sold to Revolution Resources. One of nine "Chairman's Award" winners since 2012 recognized for outstanding contribution to Jones Energy.

Asset Manager – Western Anadarko Basin, 08/18 to 4/20

- Managed team of production engineers, geologists, and field staff operating nearly 600 wells in the Cleveland, Tonkawa, Marmaton, and Granite Wash
- Full-field SCADA scoped, trialed, and implemented across all 600 wells
- Developed economic model for economic prioritization of nearly \$20M workover program
- Updated and monitored vendor safety with ISN
- Represented company for all EHS reporting to regulatory agencies
- One of three non-executive managers for office of over 40 people through bankruptcy and merger
- Primary reservoir engineer for asset

Engineering Manager – Reservoir & Reserves, 09/14 to 8/18

- Managed team evaluating and reporting on 1,200+ op and non-op wells in the Cleveland, Tonkawa, Arkoma Woodford, and Granite Wash
 - Reservoir engineer for Western Anadarko responsible for selection and prioritization of locations for drill schedule (up to 10 rigs running)
 - Lead reserves process (including 10K reporting & SMOG), production reporting, RBL support, and corporate forecasting
 - After 02/2016 layoffs, sole engineer remaining for Western Anadarko reservoir and full company reserves & reporting
 - Managed integration of reserves for SCOOP/STACK acquisition in 2016; prep and evaluation of divestiture Arkoma Woodford in 2017; participated in evaluation of numerous A&D and financial deals (DrillCo, etc)
 - Primary reservoir engineer over Cleveland "Turkey Track" development, including a microseismic & microdeformation study to determine frac height and SRV; modeled results in FracPro
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Staff / Senior Engineer – Corporate Reserves, 09/12 to 09/14

- Primary reserves engineer for IPO, responsible for booking and reporting SEC reserves (~100 MMBoe TP). Managed audit process with CG&A. Performed SMOG and 10K reporting analysis.
- Managed and improved internal ARIES corporate database of up to 1,200 PDP and 10,000 upside locations
- Primary interface between Asset Development team and Financial team for budgeting, forecasting, and corporate planning.
- Prepared database and interfaced with bank engineers for RBL redeterminations
- Prepared monthly net company production report for accruals; developed tools (primarily SQL scripts and Excel) to estimate daily net company production along with variance analysis (vs budget & forecasts)

CHEVRON, USA

May 2008 – Sept 2012

Asset Development Engineer (Lafayette, LA), 01/11 to 09/12

Reservoir engineer for South Marsh Island field performing conventional GOM shelf development

- Project manager and reservoir engineer for three >\$10MM capital development projects
- Characterized and booked resources and reserves for 16 individual conventional reservoirs
- Handled abandonment of 22 caissons and wellbores

Production Engineer (Midland, TX), 06/08 to 12/10

Six months field experience prior to managing rod pump, ESP, and injection wells in a mature waterflood.

- Project engineer on 60+ workovers (hydraulic frac's, matrix acid, casing repairs, producer/injector conversions) on shallow wells in a mature carbonate waterflood in the Permian Basin.
- One of two engineers managing over 2000 wells (10,000 BOPD and 300,000 BWPD production).
- Championed "Smart Engineering Apprentice (SEA)" iField project with USC graduate researchers. SEA project went from conceptual to a useable tool to identify rod pump failures and preventative maintenance

SOFTWARE & SKILLS

SEC / PRMS Reserves	USPAP Appraisal Format
Corporate Planning & Finance	ARIES, PEEP
Type Curve / Type Well	SQL, GIS, Python, C#, Visual Basic
Decline Curve Analysis	Spotfire, Power BI
Economic Evaluation	GeoGraphix, Petra
Risk & Statistical Analysis	IHS, DrillingInfo
Primary/Secondary/Tertiary Recovery	IHS Harmony, FracPro
Artificial Lift (PU, PL, GL, ESP)	WelleZ, WellView

EDUCATION & LICENCES

Licensed Professional Engineer in Texas, #132654 Issued 2018

Certified Mineral Appraiser with IIMA, #2020-06 Issued 2020

M.S. Petroleum Engineering (with Smart Oilfield Technologies focus)
University of Southern California

B. S. Petroleum Engineering
University of Texas at Austin

PROFESSIONAL MEMBERSHIPS

International Institute of Mineral Appraisers (*Certified Member*), Austin Women in Oil & Gas (*Vice President*), Society of Petroleum Engineers, National Association of Royalty Owners