

Erick J. Estrada

PO Box 2642
Farmington N.M. 87499

Phone: (505) 215-2069
Email: EstradErck@aol.com

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- Summary:** Motivated and innovative petroleum engineer with experience in drilling, completions, reservoir and production engineering in sandstone, coal, shale and carbonates (vertical and horizontal). Known for abilities to adapt to new environments and make improvements in established procedures. Possesses excellent analytical, empirical and problem solving skills. Has the ability to communicate on new ideas.
- Education:** **New Mexico Institute of Mining and Technology** Socorro, N. M.
Bachelor of Science-Petroleum and Natural Gas Engineering
Graduated with honors May 2005
- Professional Papers:** **Fracture Mapping in the San Juan Basin** 2009 SPE ATCE
SPE # 124673
- Application of Gas Geochemistry in Production** 2010 AAPG H. Conf
Allocation and Well Performance Monitoring
AAPG Search and Discovery Article #90110
- Professional Experience:**
- Mar 2012 to Present **Estrada Consulting LLC/Huntington Energy LLC** Farmington N.M.
Multi-disciplined Engineer
- Collaborated with independent oil company on acquisitions and divestitures on San Juan Basin properties
 - Carried multiple roles in the successful drilling and completions in unproven areas.
 - Drilled successful unproven horizontal oil play. Continuing development plans.
 - Performed reservoir studies in several prospects and continue to update reservoir knowledge in new areas.
- May 2010 to December 2011 **Pride Ventures LLC** Farmington N.M.
Multi-disciplined Engineer
- Led small startup independent oil and gas strategy in the Rocky Mountain region including acquisitions, production growth and divestitures
 - Acquired and implemented Utah horizontal fractured oil prospect with minor economic success (Grassy Trails)
 - Attempted to assemble acreage prospect in San Juan Basin oil play.
- Dec 2009 to May 2010 **ConocoPhillips** Farmington N.M.
Completions/Reservoir Engineer
- Initiated new resource assessment on Fruitland Coal in the San Juan Basin
 - Collaborated with other operators on increased density proposal on coal
 - Assisted tight coal fracture stimulation pilot on Australia LNG coal project
 - Assessed feasibility on multi-stage horizontal in coal (implemented after departure)
 - Proposed unconventional horizontal oil project in Mancos/Gallup formation
- Jan 2007 to Nov 2009 **ConocoPhillips** Farmington N.M.
Completions/Production Engineer
- Functioned as a fracture/optimization engineer in reservoir team for all assets in San Juan Business Unit
 - Performed large scale fracture optimization studies in all horizons resulting in significant improvements in productivity and incremental returns i.e. 85Q N2 fracturing (incr. NPV \$800M/well), Fruitland Coal (incr. 1 year \$1,200M/well), sand conversion to Brady (incr. savings \$750M/yr)
 - Led design and implementation on increased density project involving tilt meter and

micro-seismic mapping, layered pressure testing, DFIT analysis, pressure observation well (7 packers w/ transducers) and fiber-optic gas allocation

- Completed and tested successful saltwater disposal well
- Led production optimization projects increasing EUR (+0.3 bcf) estimates in field
- Designed and tested acid fracture treatments in carbonate play with improved results
- Completed pilot use of a high pressure water jet cutting tool in coal horizons resulting in economic improvements
- Leading specialized projects in production allocation theory using gas isotopes and composition
- Collaborated with acquisition team in analyzing opportunity to acquire interest in first coal seam gas LNG project in world; primarily provided completions assistance and resource evaluations for the project

June 2005 to
Dec 2006

ConocoPhillips/Burlington Resources

Completions Engineer

Farmington N.M.

- Completed over 120 wells in the San Juan Basin covering all horizons, (Pictured Cliffs, Fruitland Coal, Lewis Shale, Mesaverde and Dakota) communicating with over 12 rig consultants, 3 frac consultants and numerous engineering staff
- Implemented an optimization study program in conjunction with reservoir group and Schlumberger stimulating Mesaverde and Dakota wells (PowerSTIM)
- Implemented data acquisition projects including spinner data, isotope tracing, minifrac and layered pressure testing
- Executed numerous remediation procedures; squeeze procedures and plug and abandonment
- Performed invoice reviews which led to a cost savings of over \$20,000
- Performed optimization study in Fruitland Coal Stimulations, which led to a cost savings of over \$120,000 per well
- Led integration on shallow completions between ConocoPhillips and Burlington Resources

Professional Courses:

Applied Reservoir Engineering by ConocoPhillips	September 2009
Compressor Systems by Campbell & Co.	February 2009
Horizontal and Multilateral Wells by OGCI	August 2008
Advanced Hydraulic Fracturing by OGCI	August 2007
Production Analysis by ConocoPhillips	May 2007
Casing Fundamentals by TH Hill	May 2006
Fracture Theory/Stimplan by NSI Technologies	September-05 / May-06

Software: Eclipse (100,300), Kappa Ecrin (Saphir, Topaze, Rubis), Fekete (FAST RTA, CBM), LESA (Reservoir Evaluation), MS Office, MFrac, OFM, Petra^R (geoPLUS), PI Dwight's, StimPlan (Hydraulic Fracturing)

Foreign Language: Spanish-proficient in communicating both in verbal and written form

Memberships: **Society of Petroleum Engineers**
August 2002 to present *Active Member*

References: Upon request