



OCD CASE NOS. 14784 AND 14785

IPANM Petition to amend Title 19, Chapter 15,
part 17 (The PIT Rule)

May 14 - 18, 2012

IPANM exhibit 5
Resume of Thomas E. Mullins

Thomas Edward Mullins (Tom)
PO Box # 256
Farmington, New Mexico 87499-0256
(505) 599-4905- office / (505) 599-4900-fax / (505) 320-1751 - mobile
tom.mullins@synergyoperating.com - E-mail

Experience:

Twenty (20) years of diversified petroleum production, reservoir, drilling & acquisition engineering experience.

Independent Oil and Natural Gas Producer for fifteen (15) years

Registered Professional Engineer for thirteen (13) years

Drilling/Completion preparation, hydraulic fracture stimulation design, and onsite field supervision of over 600 San Juan Basin workovers/new wells. Conventional, Shale Gas and Coal Bed Methane expertise.

Simultaneous management of seven (7) completion rigs and two (2) drilling rigs in the SJB. Under-balanced drilling experience.

Strategic planning and annual budget implementation of 35 MM\$ capital resulting in annual reserve development and additions in excess of 100 BCFE, and 25 MM\$ NPV.

Reservoir engineering management and financial responsibility of 3,200+ wells, 1.3 TCFE, 280 MMCFD & 600 BOPD.

Principal engineer in discovery and exploitation of single largest non-coal San Juan Basin hydrocarbon discovery in 25+ years. Lower Dakota (Burro Canyon).

Significant Rocky Mountain experience in the San Juan, Raton, Piceance, Green River and Paradox basins.

New team member integration, coaching and successful multi-disciplinary team performance. Exploration and development well planning including risk analysis and financial modeling.

On-site supervision of PQ wire-line coring operation, successfully recovering 749 feet (93 percent recovery) of Fruitland and Mesaverde whole core. Supervised Total Organic Carbon (TOC), mineralogical and adsorption/desorption canister data acquisition and analysis.

Safety, Environmental and Regulatory compliance, remediation and reporting expertise. Vadose zone modeling review to protect groundwater.

Education/ **Colorado School of Mines, BS Petroleum Engineering, December 1991**
Civic: Outstanding Graduating Senior Award Petroleum Engineering

Registered Professional Engineer, New Mexico Petroleum # 14247

2010 Republican Candidate for US House of Representatives

New Mexico Congressional District 3
June 2010 Primary Election Victory
Lost November 2010 General Election

Independent Petroleum Association of New Mexico (IPANM) 2004 to present

President Partial Term (Aug to Oct 2009)
Outstanding Member Award (2007)

Society of Petroleum Engineers, Member 1989 to present
Four Corners Chapter

New Mexico Oil and Gas Association (NMOGA) Member 2003 to present

Four Corners Oil & Gas Conference Committee 1999 to 2006
Conference Chairman 2004

American Petroleum Institute 1995 to 1998
Four Corners Chapter, Treasurer

Four Corners Geological Society, Member 1997 to present

American Association of Petroleum Geologists (AAPG) 2001 to present
Associate Member

Sacred Heart Catholic School, Board Member 2005 to 2011
President of School Board (2005 to 2010)
Transition Private School Return to Diocese of Gallup

Educate New Mexico, Regional Advisor 2006 to present

Kiwanis Noon Day Club, Farmington, 1992 to present
Multi-year Member Board of Directors
Club President (1999-2000)

Work History: **Synergy Operating, LLC / Mullins Energy, Inc.** Nov 1996 to present
Farmington, NM

Principal / Engineering Manager. Operator & Independent Producer. Evaluated San Juan Basin, Raton Basin, Uinta Basin, Green River, Paradox & Piceance Basin acquisition potential. Geographix, GIS, & ARIES software expertise and economic risk evaluation experience. Project manager of 4CAT Alliance (BJ Services, Key Energy, Baker Oil Tools, Blue Jet Inc) projects, Phillips Petroleum, Contract Engineering, Field Supervision, Stimulation Quality Control, and Project Management. Numerous supporting functions for multiple SJB operators. Fruitland Coal and Menefee Coal Bed Methane Expert. Active Green River Basin Frontier-Bear River experience. Active Paradox Basin and San Juan Basin Shale Gas experience. Third Party Property Evaluations for Estate and Banking Purposes. Expert Witness Testimony in New Mexico Pit Rule Hearings.

Burlington Resources, (Meridian Oil Inc.) Jan 1992 to Sep 1996
Farmington, NM

Reservoir Engineer for three (3) area asset teams, 1/6 of reserve base for entire company. Project management and accountability tracking for the majority of Non-operated SJB properties. Team leader and coach for peers and staff. Routinely relied upon to lead budget preparations and QC current company standard practices. Accounting and Joint-Interest-Billing review. Production and reservoir engineering work in all conventional and coal producing formations. Horizontal drilling experience, limited entry hydraulic stimulation expertise & completion supervision.

Miscellaneous: Excellent oral, written, and presentation skills. Computer literate with emphasis in large database management. Expert Witness Testimony. Experience with various Oil and Gas software packages. Numerous industry technical and social development schools. Current US Passport.

Hobbies: Politics, Reading, Hiking, Golf, Home Construction, Environmental Research.

Family: Two (2) Children 8 and 12 years of age.