

References and Supporting Documents for San Miguel County Oil and Gas Ordinance

The enclosed materials include copies of presentations, references, and supporting documents from PROTECT San Miguel County for the Special Meeting and Public Hearing on the San Miguel County Oil and Gas Ordinance, January 10, 2013, Las Vegas, NM.

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I. General Environmental Assessment

- I.1 2010 – Tour of San Juan County, NM Natural Gas Development, ProtectSMC
- I.2 2011 – New York State Environmental Impact Statement Chapter 6, Part A
- I.3 2011 – New York State Environmental Impact Statement Chapter 6, Part B
- I.4 2012 – European Commission Risk Assessment
- I.5 2012 – German Report on Hydraulic Fracturing, Press Release
- I.6 2012 – Hydrofracking Risk Assessment, Funded by Exxon in Berlin
- I.7 2012 – Shale Development and Environmental and Public Health Risks, GAO Report

II. Health Effects

- II.1 2011 – Letter to EPA Seeking Strong Standards by Five Health Organizations
- II.2 2009 – The Burden of Asthma in New Mexico, NM Department of Health
- II.3 2012 – Implications of Air Quality Near Natural Gas Ops., Endocrine Disruption Exchange
- II.4 2011 – Natural Gas Ops. from a Public Health Perspective, Endocrine Disruption Exchange
- II.5 2011 – Denton Record-Chronicle (TX), Breast Cancer Rate Climbs Up
- II.6 2012 – Impacts of Gas Drilling on Human and Animal Health
- II.7 2004 – NM Senate Joint Memorial, Recommends Assessing Precautionary Principle

III. Water Quality

- III.1 2013 – Comments on Water Protection Issues, ProtectSMC
- III.2 2012 – Tabulation of 857 Groundwater Contamination Facilities in NM, NMOCD
- III.3 2002 – Ground Water and Energy Development in the San Juan Basin, LANL
- III.4 – Map of Saline Aquifers in New Mexico, New Mexico Tech
- III.5 2011 – Hydraulic Fracturing and Protecting Groundwater, National Groundwater Assoc.
- III.6 2012 – Water Monitoring Protocol at O&G Exploration & Production Sites, Los Alamos NL
- III.7 2011 – Methane Contamination of Drinking Water, Duke Univ.
- III.8 2011 – Response Letter to Methane Contamination in Drinking Water
- III.9 2011 – Research and Policy Recommendations, Duke Univ.
- III.10 2012 – Natural Migration of Marcellus Brine to Shallow Aquifers, Duke Univ. & Cal State Poly
- III.11 2008 – Factors Affecting Potential Wellbore Leakage, Alberta Energy and Utilities Board
- III.12 2012 – Summary of EPA Pavillion, WY Report, ProtectSMC
- III.13 2011 – Investigation of Groundwater Contamination near Pavillion, WY, U.S. EPA

IV. Air Quality

- IV.1 2013 – Comments on Air Quality, ProtectSMC
- IV.2 2011 – Methane and Greenhouse Gas Footprint of Natural Gas from Shale, Cornell Univ.
- IV.3 2009 – Potential for Gas and CO₂ Leakage Along Wellbores, Alberta Energy Resources Bd.
- IV.4 2012 – Oil and Natural Gas Emission Standards for Hazardous Air Pollutants, U.S. EPA
- IV.5 2012 – Implications of Air Quality Near Natural Gas Ops., Endocrine Disruption Exchange
- IV.6 2011 – Natural Gas Ops. from a Public Health Perspective, Endocrine Disruption Exchange
- IV.7 2012 – Air Quality Near Natural Gas Ops., Endocrine Disruption Exchange
- IV.8 2012 – Refs. for Air Quality Near Natural Gas Ops., Endocrine Disruption Exchange
- IV.9 2010 – Toxic Air Contaminant Trigger Levels, Bay Area Air Quality Management District
- IV.10 2012 – Ambient Air Quality Standards, California Air Resources Board

V. Noise Pollution

- V.1 2013 – Comments on Noise Pollution, ProtectSMC
- V.2 2007 – Noise Control Directive, Alberta Energy Resources Conservation Board

VI. Seismicity

- VI.1 2011 – Induced Seismicity from Fracturing, Garvin Cty, OK, OK Geological Survey
- VI.2 2011 – Geomechanical Study of Bowland Shale Seismicity, Cuadrilla Resources Ltd., UK
- VI.3 2011 – Are Seismicity Rate Changes in the Midcontinent Natural or Manmade?, USGS

VII. Emergency Response and Roads/Traffic

- VII.1 2013 – Comments on Emergency Response, ProtectSMC

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- VIII.1 2013 – Comments on Pipelines, ProtectSMC

IX. Economics

- IX.1 2013 – Impacts on Surface and Split Estate Properties, ProtectSMC
- IX.2 2013 – References for Impacts on Surface and Split Estate Properties, ProtectSMC
- IX.3 2011 – Analysis of Socioecon Impacts on Small Communities, ProtectSMC
- IX.4 2011 – Analysis of Socioecon Impacts on Small Communities (Presentation), ProtectSMC
- IX.5 2009 – Socio-Economic Impacts in Sublette County WY Summary
- IX.6 2011 – How To Think About Economic Consequences of Shale Gas Drilling, Cornell Univ.
- IX.7 2010 – Economic Impact of Gas Drilling, JM Barth & Assoc., Inc.
- IX.8 2011 – Homeowners and Gas Drilling Leases: Boom or Bust?, NY State Bar Assoc. Journal

X. Leasing Agents

- X.1 2013 – Comments on Leasing Agents/Landmen, ProtectSMC
- X.2 2011 – Look Before You Lease - Sample Lease, Rural Action, Trimble Ohio
- X.3 2012 – Truth in Leasing Bill, Ohio HB 493
- X.4 – Sample Oil and Gas Lease for Property North of Las Vegas

XI. Monitoring, Compliance and Enforcement

XI.1 2013 – Comments on Monitoring and Enforcement, ProtectSMC

XI.2 2012 – The Crisis in Oil and Gas Regulatory Enforcement, Earthworks

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XII.1 2013 – Comments on Needed SMC Ordinance Content, ProtectSMC

XII.2 2013 – Outline and Contents for SMC Ordinance, ProtectSMC

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