### 1AC

### Plan

#### Text: The United States Federal Government should substantially increase financial incentives for waterless fracturing for the energy production of natural gas.

### Contention 1: Warming

#### Contention 1 is Warming

#### Warming is real and anthropogenic – 2020 is the tipping point

Sawyer, Global Wind Energy Council secretary general, 9

[Steve, World Environment Magazine, June 2009 Issue 3, “Wind Energy as a Key Climate Solution” <http://www.worldenvironment.tv/index.php?option=com_content&view=article&id=185:wind-energy-as-a-key-climate-solution&catid=24:energy-category&Itemid=39>, accessed 10-4-12, TAP]

When climate change first started to worry the scientific community in the 1980s, the

AND

world, and the economic disaster of the reliance on imported fossil fuels.

#### Warming causes multiple scenarios for extinction – passing 4 degrees means no adaptation

Roberts, Grist, 1-10-13

(David, “If you aren’t alarmed about climate, you aren’t paying attention,” 1-10-13, <http://grist.org/article/climate-alarmism-the-idea-is-surreal/>, accessed 1-15-13) PM

We know we’ve raised global average temperatures around 0.8 degrees C so far

AND

, but a world that is inexorably more inhospitable with every passing decade.

#### Reducing emissions is key to solve extinction

Keating, Foreign Policy Web Editor, 11/13/2009

[Joshua, "The End of the World," http://www.foreignpolicy.com/articles/2009/11/13/the\_end\_of\_the\_world?page=full, 11/15]

How it could happen: Under the worst-case scenario predicted by the International

AND

-ending outcomes could be mitigated by a substantial reduction in carbon emissions.

#### Natural gas solves warming – getting rid of coal is key

Bryce, senior fellow at the Manhattan Institute, 7-17-12

(Robert, “Inside the strange world of 'green energy' politics and how it's ruining the US,” http://www.foxnews.com/opinion/2012/07/17/inside-strange-world-green-energy-politics-and-how-it-ruining-us/, accessed 7-17-12, CMM)

The United States is leading the world in reducing its emissions of carbon dioxide.

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fuels is equally beneficial in percentage terms no matter how fast the transition.”

#### The plan solves global emissions cuts – renewables can’t fill in

Riley, professor of energy law at The City Law School at City University London, 8-13-12

(Alan, “Shale Gas to the Climate Rescue,” http://www.nytimes.com/2012/08/14/opinion/shale-gas-to-the-climate-rescue.html?\_r=1&pagewanted=print, accessed 8-14-12, CMM)

The battle against runaway climate change is being lost. The green movement and the

AND

of radical cuts in carbon dioxide emissions over the short and medium term.

#### **Producers are going to cut back gas production now – prices need to stay low**

Dlouhy, Houston Chronicle, 7-16-12

(Jennifer, “Natural gas glut a dilemma for Obama,” http://www.chron.com/business/article/Natural-gas-glut-a-dilemma-for-Obama-3706576.php, accessed 7-16-12, CMM)

Prices to rise?¶ Many analysts contend natural gas prices are destined to rise even

AND

terminals for receiving natural gas imports that were built before today's drilling boom.

#### Inexpensive natural gas forces coal out of the market

Schwartz, Senior Vice President for Global Relations and Strategic Planning for Salesforce.com, 8-17-12

(Peter, futurist, author, and cofounder of the Global Business Network (GBN), an elite corporate strategy firm, specializing in future-think and scenario planning, “Abundant Natural Gas and Oil Are Putting the Kabosh on Clean Energy,” http://www.wired.com/business/2012/08/mf\_naturalgas/all/, accessed 8-17-12, CMM)

Cheap domestic gas will ultimately have three effects. First it will delay or kill

AND

, nuclear has stalled, and wind and solar projects are being canceled**.**

#### Now is a unique moment – anti-science ideology is on the rise – it is generating skepticism toward global warming that precludes institutional change.

Gleick, National Academy of Sciences fellow, 11

[Peter, Pacific Institute CEO, 8-31-11, “Why Anti-Science Ideology is Bad for America” <http://www.forbes.com/sites/petergleick/2011/08/31/why-anti-science-ideology-is-bad-for-america/>, accessed 9-30-12, TAP]

Anti-science ideology isn’t completely new in the U.S. — there

AND

hide, or misrepresent science in service of political wars and ideological positions.

#### Rejecting denialism is an ethical choice.

Hamilton, Center for applied philosophy and public ethics professor, 9

[Clive, “Hamilton: Denying the coming climate holocaust” <http://www.crikey.com.au/2009/11/16/hamilton-denying-the-coming-climate-holocaust/>, accessed 9-30-12, TAP]

If the climate deniers were to succeed, and stopped the world responding to the

AND

morally worse than Holocaust denialism is no, at least, not yet.

### Contention 2: Fracking

#### Contention 2 is Fracking

#### Hydraulic fracturing uses millions of gallons of water – that causes ground and surface water pollution, waste mismanagement, and health consequences. Lack of regulation and oversight make these problems uniquely likely

Finkel, Professor of clinical public health at Cornell, ‘11

(Madelon and Adam Law, doctor at Cornell Medical College, “The Rush to Drill for Natural Gas: A Public Health Cautionary Tale,” *American Journal of Public Health,* Vol 101, No 5, May 2011, <https://journals.eventjournal.com/upload/349/The%20Rush%20to%20Drill%20for%20Natural%20Gas%20-%20A%20Public%20Health%20Cautionary%20Tale.pdf>, accessed 8-29-12) PM

Hydraulic fracturing relies on¶ pumping as much as ﬁve million¶ gallons of surface

AND

human health ranging from the¶ comparatively benign to the more¶ serious.

#### Groundwater pollution is discursively justified through a hydro-social system of exclusion – it marginalizes those who need water for the sake of energy needs. The aff shifts the debate towards a calculus behind water-based fracking

Finewood, assistant professor of sustainability at the Chatham University School of Sustainability and the Environment, and Stroup, assistant professor of Environmental Studies at St. Michael’s College, ’12

(Michael and Laura, “Fracking and the Neoliberalization of the Hydro-Social Cycle in Pennsylvania's Marcellus Shale,” Journal of Contemporary Water Research and Education 147.1, pp72-79, March 2012, accessed 10-22-12) PM

The complex energy-water nexus (whereby energy and water are understood to be

AND

, it would then no longer be quantifiable in a global energy market.

#### Hydraulic fracking establishes those in fracking communities as acceptable sacrifices for the sake of national interest

Finewood, assistant professor of sustainability at the Chatham University School of Sustainability and the Environment, and Stroup, assistant professor of Environmental Studies at St. Michael’s College, ’12

(Michael and Laura, “Fracking and the Neoliberalization of the Hydro-Social Cycle in Pennsylvania's Marcellus Shale,” Journal of Contemporary Water Research and Education 147.1, pp72-79, March 2012, accessed 10-22-12) PM

But more broadly, we are interested in contributing to a context-specific analysis

AND

water-energy nexus, and to strive for a more equitable future.

### Solvency

#### Government incentives are key

Jenkins and Trembath, Breakthrough Institute, ‘12

(Jesse and Alex, “Avoiding a natural gas bridge to nowhere,” 1-19-12, <http://thebreakthrough.org/archive/avoiding_a_natural_gas_bridge>, accessed 8-22-12) PM

Just as the history of unconventional natural gas production in America was fundamentally shaped by

AND

in the development of the key technologies that enabled today's shale gas boom.

#### Waterless fracking solves all the problems with fracking

Brino, Midwest Energy News, 5-15-12

(Anthony, “Waterless fracking technique makes its debut in Ohio,” http://www.midwestenergynews.com/2012/05/15/waterless-fracking-technique-makes-its-debut-in-ohio/, accessed 7-27-12, CMM)

Although no one really knows how much there is, oil and gas companies are

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the company for BMO Capital Markets.¶ “The environmental benefits are secondary.”

#### Waterless still solves natural gas production AND it’s safer than hydraulic fracturing

LeBLANC et al, Principal Engineer for Reservoir and Production Engineering of Eastex Petroleum Consultants, 11

(Don, LARRY HUSKINS is the Drilling and Completions Team Lead for Corridor Resources, ROBERT LESTZ is a degreed petroleum engineer with 26 years of experience and the Chief Technology Officer for GasFrac Energy Services, July, “Propane-based fracturing improves well performance in Canadian tight reservoirs,” http://www.worldoil.com/July-2011-Propane-based-fracturing-improves-well-performance-in-Canadian-tight-reservoirs.html, accessed 8-19-12, CMM)

The McCully tight gas field in New Brunswick, Canada, is being developed by

AND

flowback continued to be produced even after 1,000 days of production.

#### It’s super safe and requires no water

Bakken Zone, 8-3-12

(Bakkenzone.com was launched in 2010 to serve as an informational resource about the North Dakota Bakken oil shale boom, “Chimera Energy the latest to develop waterless fracking method,” http://bakken-jobs.com/blog/2012/08/03/chimera-energy-the-latest-to-develop-waterless-fracking-method/, accessed 8-18-12, CMM)

Chimera Energy has become the latest company to reveal it’s development of a method of

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risk of contamination of groundwater supplies is going to be a great success.

#### Concerns with fracking center on water usage – the plan solves

Goodman, CBS DFW, 12

(Matt, CBS Dallas-Fort Worth, 1-12-12, “Waterless Fracking Method Targets Natural Gas Industry’s Gaze,” dfw.cbslocal.com/2012/01/12/waterless-fracking-method-target-for-natural-gas-industrys-gaze/, accessed 8-18-12, CMM)

The debates for and against hydraulic fracturing all center on the world’s most essential natural

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. operations. “We use what actually comes out of the ground.”

### 2AC – Case

#### No root cause

Joshua Goldstein, American University International Relations Professor, 2001, “War and Gender: How Gender Shapes the War System and Vice Versa,” p.411-412

I began this book hoping to … empirically inadequate.

#### Structural violence doesn’t escalate – they essentialize degrees of violence, systems of violence are not causal to international war

Hinde and Pulkkinnen, Cambridge psychology professor and University of Jyväskylä psychology professor, 2000

[Robert and Lea,  [DRAFT Background Paper for Working Group 1: HUMAN AGGRESSIVENESS AND WAR, 50th Pugwash Conference On Science and World Affairs: "Eliminating the Causes of War" Queens' College, Cambridge , UK, 3-8 August <http://www.pugwash.org/reports/pac/pac256/WG1draft1.htm>](http://www.pugwash.org/reports/pac/pac256/WG1draft1.htm)]

**People are capable of perpetrating** … largely unexplored.

### 2AC – CP

#### The role of the ballot is to evaluate the desirability of the implementation of the plan

a. Key to fairness – anything else moots the 1ac – eliminates 9 minutes of aff offense and makes it impossible to be aff

b. Implementation education – allowing us to weigh the case is key to test the alternative against different advocacies

#### **c. Engaging the state is key to education and environmental solutions**

Maniates, Professor of Political Science and Environmental Science at Allegheny College, 1

(Michael, “Individualization: Plant a Tree, Buy a Bike, Save the World?,” Global Environmental Politics 1:3, August 2001, http://merlin.allegheny.edu/employee/m/mmaniate/savetheworld.pdf, page 32-33, accessed 6-20-12, CMM)

And yet mainstream … confronted them.22

#### They crush critical thinking in debate – that uniquely solves racism. Critical thinking key to solve racism.

[Also answers debate bad]

Lundberg, University of North Carolina Chapel Hill communications professor, 2010

[Christian, Navigating Opportunity: Policy Debate in the 21st Century by Allan Louden, “Tradition of Debate in North Carolina” <http://books.google.com/books?id=ntHxX_9J7gYC&printsec=frontcover#v=onepage&q=complex%20world&f=false>, p.311-3, accessed 8-8-12, TAP]

The second major problem … at colleges and universities.

#### Decision-making skills and engagement with the state energy apparatus prevents energy technocracy and actualizes radical politics

Hager, Bryn Mawr College political science professor, ‘92

[Carol J., “Democratizing Technology: Citizen & State in West German Energy Politics, 1974-1990” *Polity*, Vol. 25, No. 1, p. 45-70, accessed 10-7-12, AFB]

During this phase, the citizen … modern technological society.61

#### Method focus causes endless paradigm wars

Fearon, Stanford Political Science Professor, and Wendt, Ohio State IR Professor, 2002

[James and Alexander, Handbook of International Relations, p. 68]

It should be stressed … on all three levels.

#### Ethical policymaking must be grounded in consequences

Isaac, Indiana University James H. Rudy Professor of Political Science and Center for the Study of Democracy and Public Life director, Spring 2002

(Jeffrey C. “Ends, Means, and Politics,” Dissent Magazine Vol. 49 Issue 2, p32)

Power is not a dirty word … political effectiveness.

#### Utilitarianism precludes any other framework for evaluations, life comes first.

Schell, 2000 (policy analyst and proliferation expert, Jonathan, “The Fate of the Earth”, p. 94-5 \*This card has been gender-modified)

To say that human … in deep ignorance.

#### \*Their reductionist view of the world is wrong – err towards rationalism

Rescher, Professor of Philosophy, 98

Nicholas Rescher, Distinguished University Professor of Philosophy University of Pittsburgh, 1998, Complexity: a philosophical overview, p. 205-208

Students of contemporary … nor wish to understand.

#### Util is good – extinction flips ethical considerations

Schell, 2000 (policy analyst and proliferation expert, Jonathan, “The Fate of the Earth”, p. 94-5 \*This card has been gender-modified)

To say that human extinction …. We are in deep ignorance.

#### The aff is an example of changing the calculus of utilitarian thinking – people at the margins of society now are excluded because institutions find it more worthwhile to use water they need to survive for natural gas production

#### B. Learning the language of the state is key to solve

Sullivan, the New Republic – editor, 1995 (Andrew, Virtually Normal, pg. 91-93)

Moreover, mere cultural redeployment … like a human home.”

#### **Poststructural theories of black cultural expression reintrench the binaries of race that inform and motivate racialized practices**

Radano, University of Wisconsin Assistant Professor of Afro-American Studies, 95

(Ronald M., "Soul Texts and the Blackness of Folk", Modernism/Modernity 2.1 (1995) 71-95), ProjectMuse, accessed 2-24-13 TAT)

Since the 1980s, as critics of … soundings of the soul of black folk.

#### Their use of Black poststructural literary theory alienates the black masses outside of academia-this limits its radical potential and increases alienation

Joyce, African American Literary theorist, 87

(Joyce A*., New Literary History*, Vol. 18, No. 2, Literacy, Popular Culture, and the Writing of History, Winter 1987, "The Black Canon: Reconstructing Black American Literary Criticism", JSTOR accessed 2-24-13 TAT)

Consequently, Black American .. poststructuralist methodology.

#### Expenditure is not transgressive- limitless consumption is useless theory

Paul **Mann**, 19**99,** “The Exquisite Corpse of Georges Bataille” in Masocriticism, p. 67-9

I would like at one and the same time to … theory-death. A double fatality.

#### Celebrating expenditure for its own sake is non-sensical – their criticism links to itself.

Wolin, City University of New York literature professor, 2004

[Richard, “Left Fascism” <http://books.google.com/books?id=4H4BeyiYBuEC&pg=PA165&lpg=PA165&dq=Bataille's+celebration+of+transgression+for+its+own+sake+seems+woefully+simplistic&source=bl&ots=uuEteSR3Pq&sig=Cp0BLOVL34A586SHSDD-VrqvDL4&hl=en&sa=X&ei=-j1vUMLAHYTYqQHdrYCQCQ&ved=0CCcQ6AEwAQ#v=onepage&q=Bataille's%20celebration%20of%20transgression%20for%20its%20own%20sake%20seems%20woefully%20simplistic&f=false>, p. 165, accessed 10-5-12, TAP]

At times, Bataille's … commodity exchange.

#### Black critics need to engage concrete political struggle. Gates' theory of Signifying is a retreat from the activist role of black intellectual

Joyce, African American Literary theorist, 87

(Joyce A*., New Literary History*, Vol. 18, No. 2, Literacy, Popular Culture, and the Writing of History, Winter 1987, "The Black Canon: Reconstructing Black American Literary Criticism", JSTOR accessed 2-24-13 TAT)

Certainly, W. E. B. Du Bois … in "The Signifying Monkey."

### 1AR - CP

#### Agency is determined subjectively

Schwartz, Glasow philosophy professor and M.D. , 2003,

(Lisa, “The Value to Life: Who Decides and How?” [www.fleshandbones/readingroom/pdf/399.pdf](http://www.fleshandbones/readingroom/pdf/399.pdf) [accessed 9/4/9])

The second assertion … and not by others.

#### Black critics need to engage concrete political struggle. Gates' theory of Signifying is a retreat from the activist role of black intellectual

Joyce, African American Literary theorist, 87

(Joyce A*., New Literary History*, Vol. 18, No. 2, Literacy, Popular Culture, and the Writing of History, Winter 1987, "The Black Canon: Reconstructing Black American Literary Criticism", JSTOR accessed 2-24-13 TAT)

Certainly, W. E. B. Du Bois was … "The Signifying Monkey."