

PickensPlan

T. Boone Pickens Media Coverage 8.4.10

Total of 17 Placements

- Print: 6
- Blog/Online: 8
- Broadcast: 3

Coverage Summary:

Dow Jones was among the publications that covered Pickens' pledge to donate at least half of his wealth to charity. Pickens is quoted in the piece saying that he enjoys making money and he enjoys giving it away. To date, Pickens has given away nearly \$800 million.

During an interview on *MSNBC* discussing the need to reduce our dependence on foreign oil, Former CIA Director James Woolsey said we need to move toward using natural gas in fleet vehicles as Pickens has suggested. The clip can be viewed here:

<http://media.vmsnews.com/MonitoringReports/080410/7430913/R028067955/>

Highlighted Placements (Full Articles Below)

- **Oracle's Ellison, 40 Billionaires Pledge Wealth To Charity** – *Dow Jones* – 8/4/10
 - *WSJ.com*

Notable Natural Gas Coverage (Full Articles Below)

- **New York's Senate Approves Drilling Moratorium on Natural Gas From Shale** – *Bloomberg* – 8/4/10

Print Placements (Full Articles Below)

- **More Billionaires Pledge Fortunes To Charity** – *Reuters* – 8/4/10
- **Rockefeller, Ellison Join Buffett’s Charity Pledge (Update2)** – *Bloomberg* – 8/4/10
- **Thirty US Billionaires Pledge To Give Away Half Their Fortunes To Charity** – *The Guardian* – 8/4/10
- **Notable & Quotable** – *Sumter Item* – 8/4/10

Blog/Online Placements (Full Articles Below)

- **40 Billionaires Pledge To Give Away Half Of Wealth** – *MSNBC* – 8/4/10
- **Pickens, Billionaires To Hand Out Money** – *Dallas Business Journal Blog* – 8/4/10
- **Bill Gates, Warren Buffett, And 38 Other Billionaires Vow To Give Away Half Their Fortunes** – *Syracuse Post-Standard Blog* – 8/4/10
- **Larry Ellison, Dozens More, To Give Away Wealth** – *CNET* – 8/4/10
- **Harry Blinked and T. Boone Smiles** – *Gerson Lehman Group* – 8/3/10
- **Just Keep Spilling: Is Gas Any Better?** – *Globe and Mail Blog* – 8/4/10
- **Can the Senate Even Pass the BP Spill Bill?** – *Treehugger* – 8/3/10

HIGHLIGHTED COVERAGE

Oracle's Ellison, 40 Billionaires Pledge Wealth To Charity – Dow Jones – 8/4/10

By Shelly Banjo and Rob Guth

NEW YORK (Dow Jones)--Billionaire and Oracle Corp. (ORCL) Chairman Larry Ellison will join movie director George Lucas and 38 other billionaires who are following a call made in June by Warren Buffett and Bill and Melinda Gates to pledge the majority of their wealth to charity.

On Wednesday, the trio will announce that 40 of America's wealthiest individuals and families, from Microsoft Corp.(MSFT) co-founder Paul G. Allen to hotel mogul Barron Hilton have signed on to the "Giving Pledge," an invitation Buffett and the Gates' extended in June for America's wealthiest families to publicly commit to giving away at least half of their wealth to charity within their lifetimes or after their deaths. The pledge stemmed from a series of dinners the two men held for the nation's billionaires over the past year to discuss the effects of the recession on philanthropy.

As philanthropy can often be a private matter, some signatories came as a surprise. Software mogul Ellison is among those who have given widely but rarely stated their intentions so publicly.

"Until now, I have done this giving quietly--because I have long believed that charitable giving is a personal and private matter," wrote Ellison in a public letter on the Giving Pledge's website.

He said he put virtually all his assets into a trust with the intention of giving away at least 95% of his wealth to charitable causes and has already given hundreds of millions of dollars to medical research and education.

"So why am I going public now? Warren Buffett personally asked me to write this letter because he said I would be 'setting an example' and 'influencing others' to give," Ellison wrote. "I hope he's right."

Other billionaires on the list, including New York Mayor Michael Bloomberg and oil tycoon T. Boone Pickens, had previously stated their plans to give away the majority of their wealth to charity but said calling attention to their plans will encourage others to follow suit.

"I've long stated that I enjoy making money, and I enjoy giving it away. I like making money more, but giving it away is a close second," Pickens wrote in a letter on the Giving Pledge website. "To date, I've given away nearly \$800 million to a wide-range of charitable organizations, and I look forward to the day I hit the \$1 billion mark."

NOTABLE NATURAL GAS COVERAGE

New York's Senate Approves Drilling Moratorium on Natural Gas From Shale – *Bloomberg – 8/4/10*

By Jim Efstathiou Jr.

New York moved a step closer to a temporary state ban on drilling for natural gas from shale that would delay companies led by Chesapeake Energy Corp.

The state Senate approved a measure late yesterday that would prohibit new drilling permits until May 15 in the New York portion of the Marcellus Shale formation pending further environmental studies. The moratorium passed 49-9. The Assembly has yet to take up the measure.

To extract gas from shale, companies use hydraulic fracturing, or fracking, in which water, sand and chemicals are injected deep underground to break up rock and allow gas to flow. The New York-based Natural Resources Defense Council says greater safeguards are needed to ensure that fracking chemicals don't contaminate drinking water.

“Not only did they pass it but it passed overwhelmingly,” Assemblyman Robert Sweeney, a Democrat from Suffolk County who sponsored his chamber's version of the bill, said in an interview. “That opens the way for us to do to the bill in the Assembly where I would expect it to pass with similar overwhelming numbers.”

Drilling for gas using fracking has proven to be environmentally safe, said Brad Gill, executive director of the Hamburg, New York-based Independent Oil and Gas Association, which includes Chesapeake Energy and Talisman Energy Inc. New York will miss out on jobs, tax revenue and drilling fees if the suspension is approved, Gill said.

“It would be irresponsible to see lawmakers cave to scare tactics of radical opponents,” Gill said in a statement. “It would be a slap in the face to landowners, New York taxpayers, all the people of the Southern Tier.”

Drilling Revenue

The suspension will give New York time to learn lessons about fracking from neighboring Pennsylvania, where more than 1,000 wells have been drilled in the Marcellus Shale since 2005, according to Senator Antoine Thompson, a Democrat who sponsored the bill. Drillers in Pennsylvania have been cited for 1,435 violations since 2008, 952 of which may affect the environment, according to a report this week from the Harrisburg-based Pennsylvania Land Trust Association.

Issues listed in the report include improper construction of waste-water compounds used to store fracking fluids and violations of the state’s clean stream law. In addition, the state issued 669 traffic citations and 818 written warnings to trucks hauling drilling wastewater during three days of intensive enforcement in June, according to the report.

‘Setting an Example’

“New York can be the first state to protect residents’ health and the environment before drills break ground, setting an example for the rest of the nation,” Kate Sinding, senior attorney with the Natural Resources Defense Council, said in a statement.

Jim Gipson, a spokesman for Oklahoma City-based Chesapeake, didn’t immediately reply to a request for comment.

The measure would postpone a potential revenue source for the state. Drilling revenue in New York could reach \$1.9 billion in 2015, according to a study from Laramie, Wyoming-based Natural Resource Economics Inc.

Chesapeake, Calgary-based Talisman and closely held Vertical Resources Inc., based in Sugar Grove, Pennsylvania, have filed a combined 58 applications for drilling permits in New York. The proposals are on hold while the state Department of Environmental Conservation reviews guidelines for gas drillers.

New York City

In April, the state agency said it would offer guidelines for drilling in the watersheds for New York City and Syracuse that are tougher than planned for the rest of the state. Water feeding both cities is so clear it is exempt from federal filtering requirements.

“There’s no such thing as 100 percent safe in anything, but you can do an extreme amount of due diligence to take as many safety precautions as possible,” Thompson said today in an interview. “We cannot leave that responsibility solely with the DEC.”

Since 2007, discoveries of unconventional gas including shale gas have more than doubled the estimate of North American reserves to 3,000 trillion cubic feet, enough to meet 100 years of demand, according to energy consultant IHS Cambridge Energy Research Associates in Cambridge, Massachusetts. The Marcellus Shale formation, which extends from West Virginia through Pennsylvania and into New York, may contain 50 trillion cubic feet of gas.

Revenue from Marcellus Shale lease payments, royalties, taxes and pipeline and plant construction in Pennsylvania and West Virginia totaled \$5.8 billion in 2009, according to the July 14 study prepared for the American Petroleum Institute, a Washington-based group that represents oil companies.

‘Treated Differently’

New York City Mayor Michael Bloomberg has said drilling in the portions of the Marcellus Shale beneath the city’s watershed “must be treated differently.”

The most-populous U.S. city receives 1.3 billion gallons (4.9 billion liters) a day of water through a network of gravity-fed aqueducts from 19 reservoirs as far away as 125 miles (200 kilometers). It's the largest unfiltered water- delivery system in the U.S.

PRINT COVERAGE

More Billionaires Pledge Fortunes To Charity – *Reuters* – 8/4/10

By Michelle Nichols

(Reuters) - More than 30 U.S. billionaires pledged on Wednesday to give away at least 50 percent of their wealth to charity as part of a campaign by investor Warren Buffett and Microsoft founder Bill Gates.

Among the billionaires joining the campaign are New York Mayor Michael Bloomberg, entertainment executive Barry Diller, Oracle co-founder Larry Ellison, energy tycoon T. Boone Pickens, media mogul Ted Turner, David Rockefeller and investor Ronald Perelman, according to The Giving Pledge campaign.

The Giving Pledge was started in June by Gates, whose \$53 billion fortune places him second on the Forbes magazine list of the world's richest people, and Buffett, who ranks third on the list. They wanted to persuade hundreds of U.S. billionaires to give away most of their fortune during their lifetime or after their death and to publicly state their intention with a letter of explanation.

"We've really just started but already we've had a terrific response," Buffett said in a statement. "The Giving Pledge is about asking wealthy families to have important conversations about their wealth and how it will be used.

"We're delighted that so many people are doing just that -- and that so many have decided to not only take this pledge but also to commit to sums far greater than the 50 percent minimum level," he said.

The full list of billionaires and their letters can be seen at www.thegivingpledge.org.

The Giving Pledge does not accept any money but asks billionaires to make a moral commitment to give away their wealth to charity.

MAKING A DIFFERENCE

"I am enthusiastically taking the Giving Pledge, and nearly all of my net worth will be given away in the years ahead or left to my foundation," Bloomberg wrote in his Giving Pledge letter. "Making a difference in people's lives -- and seeing it with your own eyes -- is perhaps the most satisfying thing you'll ever do."

The billionaires announcing their pledge on Wednesday join real estate and construction billionaire Eli Broad, venture capitalist John Doerr, media entrepreneur Gerry Lenfest and former Cisco Systems Chairman John Morgridge who have already committed to giving away most of their wealth.

Buffett, who made his fortune with insurance and investment company Berkshire Hathaway Inc, Gates and his wife, Melinda, held several dinners with a couple of dozen rich Americans in the past year to urge them to make the pledge.

Buffett pledged in 2006 to give away 99 percent of his wealth to the Bill & Melinda Gates Foundation and family charities. Bill and Melinda Gates have so far donated more than \$28 billion of their fortune to their foundation.

Since the foundation began in 1994, it has given away more than \$22 billion for health improvements in poor countries and to improve access for Americans to opportunities they need to succeed in school and life.

"I've long stated that I enjoy making money, and I enjoy giving it away," Pickens said in his Giving Pledge letter. "I'm not a big fan of inherited wealth. It generally does more harm than good."

Forbes said the United States is home to 403 billionaires, the most in the world.

Rockefeller, Ellison Join Buffett's Charity Pledge (Update2) – Bloomberg – 8/4/10

By Patrick Cole

Philanthropist David Rockefeller, Ronald Perelman, Larry Ellison, Sanford Weill, Ted Turner and Paul Allen joined a pledge started by Warren Buffett for billionaires to give more than half their wealth to charity.

The announcement brings to more than 30 the number of billionaires and wealthy executives who have publicly agreed to give most of their wealth to charity. Buffett has promised to donate more than 99 percent of his wealth. The greatest part of his fortune, estimated in March at \$47 billion by Forbes Magazine, is being provided in annual installments to the Bill & Melinda Gates Foundation.

In June, Eli Broad and New York City Mayor Michael Bloomberg backed the initiative. Bloomberg is the majority owner of Bloomberg L.P., Bloomberg News's parent company. Broad, former chairman of insurer SunAmerica Inc. and founder of homebuilder KB Home, said he and his wife, Edythe, will give 75 percent of their wealth to philanthropic causes. Broad pocketed \$3.4 billion when he sold his 19 percent stake in insurer SunAmerica Inc.

“Our family continues to be united in the belief that those who have benefitted the most from our nation’s economic system have a special responsibility to give back to our society in meaningful ways,” Rockefeller said in letter posted on the Giving Pledge website. “I hope others will accept this challenge -- and opportunity -- and will join us in this worthwhile endeavor.”

EBay Wealth

EBay Inc. founder Pierre Omidyar said in his letter that he and his wife, Pam, had pledged in 2001 to give away “the vast majority of our wealth” during their lifetime.

“We have more money than our family will ever need,” he said. “There’s no need to hold onto it when it can be put to use today, to help solve some of the world’s most intractable problems.”

T. Boone Pickens, chairman of BP Capital LLC, said that while he enjoys making money, he also enjoys giving it away, which “is a close second.”

The oil executive has given away nearly \$800 million to charity.

“I look forward to the day I hit the \$1 billion mark,” Pickens said in his letter. “I’m not a big fan of inherited wealth. It generally does more harm than good.”

Buffett’s Backers

List of supporters posted on Buffett’s website: Paul G. Allen, Laura and John Arnold, Michael R. Bloomberg, Eli and Edythe Broad, Warren Buffett, Michele Chan and Patrick Soon- Shiong, Barry Diller and Diane von Furstenberg, Ann and John Doerr, Larry Ellison, Bill and Melinda Gates, Barron Hilton, Jon and Karen Huntsman, Joan and Irwin Jacobs, George B. Kaiser, Elaine and Ken Langone, Gerry and Marguerite Lenfest, Lorry I. Lokey, George Lucas, Alfred E. Mann, Bernie and Billi Marcus, Thomas S. Monaghan, Tashia and John Morgridge, Pierre and Pam Omidyar, Bernard and Barbro Osher, Ronald O. Perelman, Peter G. Peterson, T. Boone Pickens, Julian H. Robertson Jr., David Rockefeller, David M. Rubenstein, Herb and Marion Sandler, Vicki and Roger Sant, Walter Scott Jr., Jim and Marilyn Simons, Jeff Skoll, Tom Steyer and Kat Taylor, Jim and Virginia Stowers, Ted Turner, Sanford and Joan Weill, Shelby White.

Thirty US Billionaires Pledge To Give Away Half Their Fortunes To Charity – *The Guardian* – 8/4/10

By Andrew Clark

The world of philanthropy got a huge financial boost today as more than 30 American billionaires pledged to give away at least half of their fortunes to charitable causes, signing up to a campaign launched by Warren Buffett and Bill Gates.

In an unprecedented mass commitment, top figures including New York's mayor Michael Bloomberg, the hotel heir Barron Hilton, CNN media mogul Ted Turner, and the Star Wars director George Lucas lent their names to the "giving pledge", an initiative founded last month to encourage America's richest families to commit money to "society's most pressing problems".

The pledge is not a legally binding contract but is described as a moral commitment. Buffett, the legendary Nebraska-based financier known as the "sage of Omaha", welcomed the influx of support: "At its core, the giving pledge is about asking wealthy families to have important conversations about their wealth and how it will be used. We're delighted that so many people are doing that."

He added that many of those involved were committing sums far greater than the 50% minimum. Buffett himself is handing the vast bulk of his \$47bn fortune to the Bill and Melinda Gates Foundation, which is largely orientated towards tackling disease in developing countries.

Among those committing to give away money are the Oracle software tycoon Larry Ellison, the banker David Rockefeller, and oilman T Boone Pickens. The media entrepreneur Barry Diller is on the list along with his wife, fashion designer Diane von Furstenberg.

There are also names from Wall Street and the hedge fund industry including David Rubenstein, co-founder of the Carlyle private equity group, and the financier Julian Robertson, plus a former Citigroup boss, Sandy Weill.

The pledge does not define any specific causes that the billionaires will target with their fortunes, and it does not involve all the individuals pooling their money. Instead, it will be left up to each individual to determine which endeavours they wish to fund.

The Hollywood director George Lucas said his chosen cause would be education: "My pledge is to the process; as long as I have the resources at my disposal, I will seek to raise the bar for future generations of students of all ages."

New York's mayor, who made his fortune in Bloomberg financial information terminals, said: "By giving, we inspire others to give of themselves, whether their money or their time."

Notable & Quotable – *Sumter Item* – 8/4/10

In "Billionaires' First Jobs," Forbes.com writer Audrey Hoiles takes a look at "where America's richest took their first steps on the road to wealth." He finds a common thread in paperboys:

Paper routes are among the most common first jobs of Forbes 400 members. Patrick McGovern, T. Boone Pickens, Dennis Washington and Sheldon Adelson all started off slinging newspapers before making their fortunes.

Though the jobs may seem menial, these billionaires-to-be made the most of their first work experiences. As a 12-year-old, Adelson, the future richest man in Las Vegas, borrowed \$200 from an uncle to buy the right to sell newspapers on two busy corners in Boston. Oilman-to-be

Pickens also showed zeal as a 12-year-old paperboy, quickly expanding his 28-house paper route to 156 by taking over the routes of his competitors.

Patrick McGovern, founder of the technology media, events and research company International Data Group, says: "The key lesson that I learned was how to manage one's time effectively. I learned to be proud of what you do and to strive for excellence in service. And I learned to remember that your job is to find customers and keep them happy."

BLOG/ONLINE COVERAGE

40 Billionaires Pledge To Give Away Half Of Wealth – *MSNBC* – 8/4/10

More than three dozen of America's wealthiest individuals and families have joined Bill Gates and Warren Buffett in agreeing to give away at least half their fortunes to charity.

The announcement was made Wednesday by The Giving Pledge, an effort officially launched by Gates and Buffett earlier this year to persuade the richest people in America to commit to giving the majority of their wealth to the philanthropic causes and charitable organizations of their choice, either during their lifetime or after their death.

In addition to Buffett and Gates — America's two wealthiest individuals, with a combined net worth of \$90 billion, according to Forbes — 38 other billionaires are taking the give-it-away pledge. They include New York Mayor Michael Bloomberg, entertainment executive Barry Diller, Oracle co-founder Larry Ellison, energy tycoon T. Boone Pickens, media mogul Ted Turner, David Rockefeller, film director George Lucas and investor Ronald Perelman.

"We've really just started, but already we've had a terrific response," Buffett, co-founder and chairman and CEO of Berkshire Hathaway, said in a statement. "At its core, the Giving Pledge is about asking wealthy families to have important conversations about their wealth and how it will be used.

"We're delighted that so many people are doing just that – and that so many have decided to not only take this pledge but also to commit to sums far greater than the 50 percent minimum level."

Bloomberg, who made his fortune from financial news and information services company Blomberg L.P., added: "If you want to do something for your children and show how much you love them, the single best thing — by far — is to support organizations that will create a better

world for them and their children. And by giving, we inspire others to give of themselves, whether their money or their time.”

CNN founder Ted Turner said he felt compelled to give back. "I'm particularly thankful for my father's advice to set goals so high that they can't possibly be achieved during a lifetime and to give help where help is needed most," he said. "That inspiration keeps me energized and eager to keep working hard every day on giving back and making the world a better place for generations to come.”

Bill Gates, Warren Buffett, And 38 Other Billionaires Vow To Give Away Half Their Fortunes – *Syracuse Post-Standard Blog* – 8/4/10

By Trish LaMonte

Bill Gates and Warren Buffett have convinced 38 other American billionaires to join them in giving away at least half their fortunes to charity, The Giving Pledge announced on Wednesday.

Earlier this year, Gates and Buffett launched The Giving Pledge as an initiative to encourage America's wealthiest people to commit to giving the majority of their money to charity, while they are still living or after their deaths.

Share Among the other billionaires who have agreed to the pledge are New York City Mayor Michael Bloomberg, oil tycoon T. Boone Pickens, media mogul Ted Turner, hotel mogul Barron Hilton, and film director George Lucas.

"If you want to do something for your children and show how much you love them, the single best thing — by far — is to support organizations that will create a better world for them and

their children. And by giving, we inspire others to give of themselves, whether their money or their time," Bloomberg told MSNBC.

According to Forbes magazine, there are 403 billionaires in the United States, and Buffet and Gates are the two of the richest, with a combined net worth of about \$100 billion.

What do you think of the billionaires' pledge? Would you do the same if you were a billionaire? Leave your comments below.

Pickens, Billionaires To Hand Out Money – *Dallas Business Journal Blog* – 8/4/10

By Kerri Panchuk

Warren Buffett is asking the country's wealthiest to show him the money ... at least half of it.

It's all part of a campaign rolled out by Buffett and fellow billionaires Bill and Melinda Gates to gain the signatures of wealthy families who want to return a substantial portion of their fortunes through charities.

Dallas billionaire and businessman T. Boone Pickens is one of 40 American billionaires and their families who have pledged to give as much as 50 percent of their wealth to charity.

Joining Boone Pickens on the list of wealthy donors is Houston billionaire John Arnold and his wife. Arnold is a hedge fund guru, who was a billionaire by his mid-to-late thirties.

To view all the pledge, [click here](#).

Larry Ellison, Dozens More, To Give Away Wealth – CNET – 8/4/10

By Ina Fried

Oracle CEO Larry Ellison is among dozens of billionaires who have signed on to give away the bulk of their wealth to charity.

Bill Gates and Warren Buffett have been lobbying the world's megarich to sign a "Giving Pledge" to eventually donate at least half of their fortunes. The Wall Street Journal noted on Wednesday that there are now about 40 signatories to the pledge, including Ellison, filmmaker George Lucas, IAC chief Barry Diller, Microsoft co-founder Paul Allen, oil tycoon (and onetime Yahoo investor) T. Boone Pickens, and more.

"We've really just started, but already we've had a terrific response," Buffett said in a statement. "At its core, the Giving Pledge is about asking wealthy families to have important conversations about their wealth and how it will be used. We're delighted that so many people are doing just that--and that so many have decided to not only take this pledge but also to commit to sums far greater than the 50 percent minimum level."

The full list of those who have made the commitment is on the Giving Pledge Web site and includes some other tech names, including Qualcomm founder Irwin Jacobs, eBay co-founder Pierre Omidyar, and noted tech venture capitalist John Doerr.

Ellison said it has long been his intent to give away his wealth.

"Many years ago, I put virtually all of my assets into a trust with the intent of giving away at least 95 percent of my wealth to charitable causes," he said on the Giving Pledge Web site. "I

have already given hundreds of millions of dollars to medical research and education, and I will give billions more over time. Until now, I have done this giving quietly--because I have long believed that charitable giving is a personal and private matter."

Gates is scheduled to speak on Friday at the inaugural Techonomy conference near Lake Tahoe. (Beyond Binary is on the scene now and will have coverage of Gates' speech and the rest of the event.)

Harry Blinked and T. Boone Smiles – Gerson Lehman Group – 8/3/10

By Hans Linhardt

Summary:

Senate Majority Leader Harry Reid finally understood the negative economics of cap and trade (cap and tax) and shelved the President Obama initiated energy bill with cap and trade provisions in lieu of a new energy bill with a \$5.8 billion subsidy for natural gas vehicles.

Analysis:

T. Boone Pickens has substantially invested in NG (CNG/LNG) vehicle infrastructure in California and Texas. The latest investment is a 160,000 gallons/day of LNG plant constructed in Boron, Kern County, CA in the Mohave desert, far away from green alternate fuel opposition and providing LNG to LNG/CNG filling stations for heavy duty trucks and CNG city buses when required.

The details of the new Senate energy bill has not yet been disclosed, but will most likely continue a tax credit of \$0.50/gallon for LNG and CNG equivalent volumes. In addition the infrastructure credit of up to \$100,000 should hold up for new LNG/CNG filling stations. With LNG to be sold by the dedicated LNG/CNG filling stations at about \$1.60 to \$2.25 per gallon, considering same energy content with diesel and equivalent LNG volumes, it appears the energy price of LNG will be less than \$1.00 than for diesel. Considering also the superior environmental performance of LNG when compared to diesel, heavy trucking companies will be attracted to LNG.

However, the investment picture changes drastically when we want to supply the about 9 million registered heavy trucks in the U.S. with LNG/CNG. Based on our latest LNG project experience, we concluded it will take about half a trillion dollars to provide the infrastructure of LNG liquefaction plants, distribution and filling stations to serve our total truck fleet. Of course, our refineries have already invested over \$100 billion for ULSD (ultra low sulfur diesel), their parent oil companies will have no appetite for more risky downstream investments based on a new senate energy bill that may take time to pass and change its structure according to prevailing politics.

A more realistic approach would be to serve about 100,000 heavy duty trucks along the most traveled West - East route with 70 dedicated LNG fuel plants and and 1,200 LNG filling stations, requiring an investment of \$ 5.8 billion as promised by the Senate bill.

In order to economically move NG transportation vehicles in the mainstream transportation sector JVs of gas / oil & gas companies and leading cryogenic engineering and equipment companies have to take place whereby the gas company guarantees the supply of NG at an agreed upon price schedule for at least fifteen years. Such an arrangement should get the attention of the industrial gas companies like Praxair, Air Products and even Air Gas together with equipment and distribution suppliers like Chart Industries, Cryogenic Industries and even Black & Veach.

While this JV approach is working in Eastern Australia where Queensland Gas Company QGC and Linde have just signed such an agreement whereby QGC is delivering NG from their CSG (coal seam gas) resources, the overwhelming magnitude of scale in the U.S. lets the U.S. gas companies sit on the sideline until the reality and economics of NG fueled versus electric transportation is settled without any question and any pending negative legislation on the horizon.

Of course, the electrical infrastructure exists and can easily be expanded provided the auto industry brings economical and reliable electrical cars to the market. In addition the gas companies can easily expand their electrical power production with gas fired combined cycle power plants at \$500/kW investment cost.

And in the future, modular 10 MW nuclear plants can provide the required electricity should some of the unconventional gas resources start to decline.

In summary T, Boone and the natural gas companies will be winners in the very near future for a long time to come. Harry had to admit this fact.

Just Keep Spilling: Is Gas Any Better? – *Globe and Mail Blog* – 8/4/10

By Jeff Rubin

Just as BP has finally succeeded in capping the ruptured Macondo well in the Gulf of Mexico, Canadian pipeline giant Enbridge has sprung a leak in the Kalamazoo River in Michigan. 2010 certainly hasn't been a banner year for the North American oil industry.

The Enbridge leak in Michigan is a poignant reminder of the thousands of miles of pipeline that crisscross North America. The Kalamazoo spill is not the first pipeline to burst on the continent, nor will it be the last; spills are a fact of life in the business. But this one may have broad implications for the future of tar sands production.

The company's grandiose plans to build the Northern Gateway, a 900,000-barrel-a day-pipeline from the Alberta tar sands to the BC coast for trans-oceanic shipment to China, is now in jeopardy. Watching cleanup crews scrambling to contain the spill in Michigan probably doesn't endear Enbridge to British Columbia residents, who are being asked to accept the proposed

pipeline in their own backyards. Enbridge's only consolation is that its spill is likely to be equally damaging to the chances of its competitor TransCanada's getting approval from U.S. regulators to build its contentious Keystone XL pipeline, which would bring tar sands crude to U.S. markets.

With oil spilling all over the place these days, natural gas (NG-FT4.680.040.91%) should never have looked more appealing. But, as Josh Fox's recent documentary, *Gasland*, vividly illustrates, the environmental challenges are no less daunting in that industry. Just as depletion has forced oil companies to take on greater and greater environmental risks, so has it affected North American gas producers. Shale gas, heralded by T. Boone Pickens and others as the answer to America's future energy needs, leaves just as heavy an environmental footprint.

Not only does fracturing shale rock require an enormous amount of water (similar in that respect to tar sands), but it uses a toxic cocktail of chemicals to do the job. And those chemicals (as much as 80,000 pounds of them to fracture a well) have a nasty habit of turning up in the local groundwater. As much of 70 per cent of the chemical solution that is injected for shale fracturing stays in the ground.

But, fortunately for shale gas companies, producers can contaminate groundwater with impunity. Hydraulic fracturing, the process of tapping shale gas, was exempted from the Safe Drinking Water Act in 2005 in the interests of promoting American energy independence. Thanks to that exemption, and the environmental practices that it engendered, residents who live on top of the Marcellus Shale formation, for example, can actually light their tap water on fire.

The ability of new technology to unlock previously inaccessible hydrocarbon deposits in deep water, tar sands, or shale rock is beyond dispute. But so, too, is the staggering environmental cost that comes with our ever-increasing dependence on them.

Can the Senate Even Pass the BP Spill Bill? – *Treehugger* – 8/3/10

By Brian Merchant

The Senate notoriously gutted and left for dead its comprehensive climate and clean energy reform bill, even after watering down numerous times. Now, even the tiny remnants of that bill, those measures deemed least offensive -- primarily getting tougher with offshore drilling regulations and some energy efficiency incentives -- may not pass. I have to say, if the Senate can't pass a bill that gets tougher on offshore drilling safety right after the biggest marine oil accident in the history of the world then you can go ahead and consider the governing body entirely useless. Here's the story:

Via an editorial from the New York Times:

Over the opposition of most Republicans and the massed lobbying power of the oil industry, the House last week narrowly approved legislation imposing new safeguards on offshore oil drilling. The bill would tighten environmental rules, sharply increase penalties for spills and, in myriad other ways, seek to minimize the risks of oil and gas exploration in America's coastal waters.

Harry Reid, the majority leader, promises to bring a similar bill to the floor, but there is little time remaining before the recess in which to approve it. It would be shameful if the Senate does not. Still fresh in our minds is the Senate's lamentable decision to abandon comprehensive energy and climate legislation that the House had passed the year before with considerable political fortitude. The least it can do is muster a meaningful response to one of the most appalling environmental disasters in American history.

The least it can do indeed. The so-called BP Spill Bill is a straightforward, largely unobjectionable bill that should be embraced by all -- unless you happen to be an oil industry apologist or an obstructionist politician bent on impeding your opponents from achieving a victory no matter how simple the matter at hand.

There's absolutely nothing radical or controversial in the bill. It removes the \$75 million liability cap so that oil companies are responsible for the full costs of the destruction they wreak. It creates an agency that oversees offshore drilling, because the previous one was ineffectual and corrupt. It enables Home Star, the 'Cash for Caulkers' measure that gives homeowners tax breaks

for making their homes more energy efficient, creating jobs in the process. It gives T. Boone Pickens and co. some cash for natural gas development.

Hardly a radical liberal agenda. If the Senate fails to pass a bill addressing the spill in the wake of the disaster, it will be far beyond shameful -- it will be appalling.

BROADCAST COVERAGE

1. MSNBC News Live

MSNBC, National | DMA: 0

08/03/2010, 10:00 AM - 11:00 AM

[EC] 00:11:01 So, Americans use 19 million barrels of oil every single day. And that's three times that leaked into the gulf of Mexico and we hear over and over again that we need to end America's dependence on foreign oil. Joining me now former senator Gary hart and former CIA director James Woolsey. Thanks for joining us this morning. Senator Hart, you're coming together because you're both part of e3g. Can you explain to all of us, what is that organization? Well, we are part of a consortium of national security groups in America that have come together across party lines to emphasize, yet again, the danger of dependence on foreign oil, both to our climate and particularly to our national security. And we're hopeful that by speaking out like this, continuing to speak out like this, we could influence behavior in congress, get members of congress to begin to talk to each other and fashion a national energy security policy at will protect this country. Mr. Woolsey, you're talking about getting America off its dependence of oil. This is the same kind of thing we hear all the time. W does this really change anything or how can you really change anything? I think the heart of the matter is we need to get off oil, period. We improve things in the balance of payments and since by doing more domestic production, if we can do it in an environmentally sound way, but that's all we do. We still are going to be borrowing close to \$1 billion a day to import oil and the regimes that we are paying for this, we and most of the world's other democracies are paying, are dictatorial regimes, almost without exception. Norway and Canada are exceptions, but most all of the countries that export oil are dictatorships and autocratic kingdoms. We are solidifying the rules by our oil dependence. Senator Hart, there is so much money spent on oil and lobbying, so, on the hill, how do you fight that kind of influence? Well, we have to change the way we finance campaigns in this country. Many of us have been saying that for years and years and efforts are made to reform and the same lobbyists who are buying influence and access to the policymakers resist the change and the way we can finance campaigns. It is a cat chasing its tail. It's a vicious circle and has to be broken if we are to protect this country's security. The best way I can think of is to draw a direct connection, which exists, between sacrificing the lives of our sons and daughters and our oil policy. And if you can get Americans to understand that, plus the fact they're literally paying \$6 or \$7 a gallon for gasoline when you incorporate the military costs and the environmental costs, maybe then they will demand that their elected officials do something about this in Washington. What is your timeline for making a dent? I think over the course of the next decade, if we move toward electrification and plug in hybrids and electric and fleet vehicles , toward using natural gas asT **Boone Pickens** has suggested for fleet vehicles like buses and some interstate trucking towards greater efficiency and internal combustibile engines and lightweight strong materials to reduce the weight of cars, all of these steps we can take and if we bunch them together and take half a dozen of them simultaneously, I think we could cut very substantially into our oil imports

and our overall oil use over the course of the next decade. But we need to get busy and do it and stop just talking about it. Gentlemen, I wish you the best on what you're doing. 00:15:05

Keywords:BP Oil Spill; Gulf of Mexico; E3G; Foreign Oil; Congress; Hybrid Autos; Natural Gas; T. Boone Pickens;

Visuals:Graphic, Americans, 19 million barrels, daily use;

Speakers:Sen. Gary Hart, D-CO., 1975-1987; R. James Woolsey, former CIA Director;

Audience: 310,037 **Spot Cost:** \$2,464

2. Good Morning San Diego

KUSI-TV (IND) CH 51, San Diego | DMA: 28

08/03/2010, 07:00 AM - 08:00 AM

[EC] 00:25:26 Speaking of water. With the Gulf disaster continuing to unfold, senior members are raising an alarm. They see America's energy policy as a danger. And joining me is Gary Hart and James Woolsey the former national security advisor. Good morning, gentlemen. Guest our pleasure. Sandra why do you think our current energy crisis puts our country into danger? Guest we are exporting money. We are losing American lives in part to protect oil supplies. And most importantly we have alternatives which are much better for our economy and our country. Sandra what I the connection between energy policy and national security. Guest it's been documented that with sea levels rising, that natural resources are being placed in scarcity and we have the job of getting involved militarily as states start to disintegrate or we retreat to our homeland. Sandra it seems there is a big sense of urgency. Why are we talking energy and climate change right now? Guest the pressure is building because we have done so little...Coal is a problem from point of CO2 emissions...oil raises national security issues too ..(interview concludes and hosts comment)..." we can go onto T Boone Pickens plan so we can get on wind and solar so we can stop sending our money to those creeps.Something has to change". 00:30:16

Keywords:Climate Change a Security Threat; National Security Community; Senate; Sen. John McCain, R AZ; climateandnationalsecurity.com; T Boone Pickens;

Speakers:Gary Hart, Homeland Security Advisory Council; James Woolsey, Former CIA Dir., and National Security Advisor;

Audience: 24,315 **Spot Cost:** \$250

3. San Diego 6 News In The Morning

XETV-TV (CW) CH 6, San Diego | DMA: 28

08/03/2010, 07:00 AM - 08:00 AM

[EC] 00:30:08 Woolsey: "We can move toward electrification with plug in hybrids and electric vehicles. We can follow **T. Boone Pickens**'s suggestion that we move towards using natural gas for fleet vehicles such as busses and for interstate trucking... We have a lot of alternatives, it is just that congress and the White House have not taken this issue seriously" ... 00:35:24

Keywords: Oil Talk; Oil addiction; National security; Security threat; **Energy** conservation; **T. Boone Pickens**; Alcohol based **fuels**; Methanol; Ethanol; Congress; White House; Cap And Trade; Defense Department; OPEC.

Speakers: James Woolsey, former CIA Director; Former Senator Gary Hart, Homeland Security Council.

Audience: 19,539 **Spot Cost:** \$203