Oil and Natural Gas Stimulate Arizona Economic and Job Growth

Oil and natural gas are driving the U.S. economy through a major energy boom and that boom is rippling through the economy of Arizona, supporting business activity across the state. This finding grows out of a new American Petroleum Institute survey of domestic oil and natural gas vendors,¹ which offers a glimpse into the job and business creation engine that is the current oil and natural gas industry. The survey shows that at least 124 businesses, located across all nine of Arizona’s congressional districts, are part of the larger oil and natural gas supply chain.

The survey’s snapshot of state-by-state activity reinforces the impressive level of industry success throughout the country that is documented in a recent PriceWaterhouseCoopers study conducted for the American Petroleum Institute.² That study found that the oil and natural gas industry in Arizona supports some 97,100 jobs, which is 3 percent of the state’s total employment. The amount of Arizona labor income supported by the oil and natural gas industry comes to $4.65 billion annually. That’s 3 percent of the state’s total labor income.

Although Arizona is not a top energy producer, these job and labor income figures demonstrate that the people of Arizona enjoy significant benefits from energy development.³ The benefits show up in the state’s salary statistics as well. Thus, while the average annual salary in Arizona across all industries and sectors is $45,525, the average oil and gas industry salary (excluding gas stations) is substantially higher—$56,822 annually. Overall the industry supports $9 billion of the Arizona economy. That’s 3.4 percent of the state’s total economic activity.

Arizona also benefits from the production of oil and natural gas from shales and so-called “tight formations,” energy development that uses the proven engineering technologies of hydraulic fracturing, or “fracking,” and horizontal drilling. Total jobs supported by these activities in Arizona reached 11,698 in

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2012. That job total is projected to climb to 20,924 in 2020 and to 26,340 in 2035.  

And Americans, including the people of Arizona, get it. A telephone poll of 1,012 registered voters across the country, conducted on behalf of the American Petroleum Institute, found that 77 percent of Americans, regardless of party affiliation, support increased production of oil and natural gas resources located in the United States.  

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**Vendor Profile**

**User Centered Design Services**

User Centered Design Services focuses on enhancing situational awareness of control room operators during abnormal situations. Operators must control the process and maintain normal safe operations. The company also addresses the contribution of human factors and human error to such situations. All of these issues are addressed in the implementation of best practices in the control room.

When the company designs a control room or an operator graphics for a refinery control room or a pipeline control center, a culture change takes place. Operators like their jobs more and feel more appreciated.

Forty years of research have equipped the company to identify what causes incidents and which incidents can be prevented. That research has been put to good use in educating the industry on the best practices to use to prevent incidents.

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6. From the 2014 "API Onshore Oil and Gas Vendor Identification Survey" returns.

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### Congressional District 1
- Bank of America
- Environmental Energy Innovations, LLC
- Mobile Mini, Inc
- Personnel Safety Enterprises
- Robert W. Clements

### Congressional District 2
- Greens Consulting

### Congressional District 3
- J. K. Wolf
- Margaret E Mooney Foundation, Inc
- PV Recycling, LLC
- The University of Arizona Geoscien
- University of Arizona
- Yasawa Group Ltd

### Congressional District 4
- Baker Arizona 2010 Acquisition Co
- Cintellate USA, Inc
- Kenneth Hixson

### Congressional District 5
- Equipment Safety Services, Inc

### Congressional District 6
- Accuvant, Inc
- Applied Process Equipment, Inc
- Citation Technologies, Inc
- Concur Technologies
- EOS Group, Inc
- Four Peaks Environmental & Engineering, LLC
- Govig & Associates, Inc
- Gregg Family Trust Dated March 10,
- Informative Graphics
- Marine Preservation Association
- Oklahoma Plains Ent, LLC
- Phyllis A. Wilson
- Premium Power Solutions
- Sally Owens Ratkovic
- Salt River Materials
- Sheryl L. Damico
- Shortridge Instruments, Inc
- Signal Bridge Communications, Inc
- The Alexander Group, Inc
- The DMH Family Group LP
- The Legacy Gallery
- The Powell Group, LLC
- The Sally Ann Ratkovic Revocable Trust
- Thermo Fluids, Inc
- Transolutions, Inc
- Vencom, Inc
- William J. Petko Sr Family Trust

### Congressional District 7
- Air Comm
- Air Filter Products New Mexico
- Airdas On Site Safety Services, Inc
- Allied Waste Services
- American Fence Company
- American Fire Equipment
- Arizona Department of Revenue
- Atmos Energy Corporation
- Bank of America
- Bechtel Hydrocarbon
- BFI Waste Services, LLC
- Cable One, Inc
- Century Link
- Cintas Corporation
- Clean Harbors Environmental
- Consolidated Disposal Service
- Corporationmedia Corporation
- DirectTV, Inc
- DL Sales Corporation
- Duncan Disposal
- Embarq
- EMI Corporation
- Flow Management Devices, LLC
- Gruber Technical, Inc
- Hamilton Sundstrand
- Honeywell, Inc
- Industrial Electric, Inc
- Industrial Evolution, Inc
- Infosol, Inc
- Insight
- JPMorganChase Commercial Card
- Juanita Frank
- Knox Company
- Law Offices One Arizona Center
- Lawlogix Group, Inc
- Lin & Associates, Inc
- Loftin Equipment Co
- Mobile Mini, Inc
- NGH Power Systems, Inc
- Olin Oil Safety, Inc
- Quadra, Inc
- Qwest Corporation
- Republic Services National Accounts, Inc
- Republic Services of Texas Ltd
- Republic Services, Inc
- SCF Arizona
- Seal Systems, Inc
- Snell & Wilmer LLP
- Sunstate Equipment Co
- Thermo Fluids, Inc
- Thunderbird School of Global U-Haul
- United Site Services
- University of Phoenix
- Waste Management of New Mexico
- Western Process Computers, Inc

### Congressional District 8
- Advantedge Technologies Group, Inc
- Altitude Analysis, Inc
- Audrey L. Munkres Family Trust
- Thomas Folkestad
- User Centered Design Services, Inc

### Congressional District 9
- AIT Business Solutions, LLC
- ATC Assoc, Inc
- B&W Distributors, Inc
- Caps Research
- DAP Technologies Corporation
- Geotechnical Consulting & Testing
- Insight Direct USA, Inc
- Instrumentation & Controls, LLC
- JWMS Enterprises, Inc
- Kaysenell, Inc
- Marianne M. Jennings
- Mediare, Inc
- Mobile Mini, LLC
- Offshore Manufacturing & Design
- Result Group, Inc
- Risk Assessment Group
- Satcom Global, Inc
- Soilworks, LLC
- Western Refining Wholesale, Inc