

OIL AND GAS INFOGRID SAMPLE PAGES

This InfoGrid is comprised of three parts: Part 1 provides information on small-cap, micro-cap and private companies in the oil and gas sector. Many of these companies have been described by energy analysts as companies with breakout potential or potential for strong growth. Part 2 presents e-commerce Websites and online trading exchanges focusing on the oil and gas industry. Part 3 features a broad range of firms and financial organizations that provide equity capital and financing instruments to the oil and gas sector. A listing of mergers and acquisitions in the U.S. oil and gas industry with transaction values over \$50 million is included at the end of the InfoGrid. Also provided for the convenience of users are a listing of company name changes in 2001 and an index to companies and firms profiled in this InfoGrid. For business plan creation, review, and investor introductions please contact SCIENTECH client services; 1-505-244-7600, toll free 1-888-972-8676 or email research@scientech.com.

Abbreviations Used in this InfoGrid:

AMEX – American Stock Exchange	IPO – Initial Public Offering	Bcf – Billion cubic feet
BSE – Boston Stock Exchange	MOU – Memorandum of Understanding	Bcfe – Billion cubic feet equivalent
NasdaqNM – Nasdaq National Market	PPO – Private Placement Offering	
NasdaqSC – Nasdaq Small Cap	PUD – Proven Undeveloped Reserve	
NYSE – New York Stock Exchange		
OTC – Over-the-Counter		
TSE – Toronto Stock Exchange		
VSE – Vancouver Stock Exchange		

Date revised 3/1/2002

Part 1: Small Cap and Private Companies

Company Information	Description of Activities	Finance and Investment	News and Additional Information
<p>Able Energy, Inc. (Able Energy) 344 Rt. 46 Rockaway, NJ 07866 973.625.1012</p> <p>www.ableenergy.com <i>See also:</i> www.priceenergy.com</p> <p>Started: Able Energy was formed in 1999. PriceEnergy.com was launched on the Internet on Nov. 1, 2000. It is a majority-owned subsidiary of Able Energy.</p>	<p>Able Energy is a holding company for five operating subsidiaries, all involved in retail distribution and energy services: Able Energy; Able Oil Co.; Able Propane Co.; Able Oil Co. Franchises; and PriceEnergy.com, an independently managed, online energy distribution network for heating oil, propane and other energy-related products and services for both residential and commercial users.</p> <p>PriceEnergy's proprietary technology streamlines the traditional order process, resulting in savings for consumers of 30% or more, compared with full-service fuel dealers.</p> <p>Able Energy offers full-service energy products to homes and businesses at discount prices. It delivers heating oil, diesel, kerosene, and gas to residential and business customers in New Jersey, Pennsylvania, and Florida, and propane to residential and business customers in New Jersey. It also provides tank replacement and environmental clean-up services.</p>	<p>Public NasdaqSC: ABLE BSE: AEI</p> <p>- Market capitalization (2/27/02) - \$8 million</p> <p>- On 6/25/99 an IPO of 1 million common stock shares at \$7.00 per share was successfully completed.</p> <p>- PricewaterhouseCoopers announced in 3/01 that it would act as private placement agent in assisting Able Energy and PriceEnergy.com in seeking financing.</p>	<p>9/6/01 Able Energy announced that PriceEnergy continued the expansion of its franchised network of heating oil dealers in New York and New Jersey.</p> <p>7/17/01 Able Energy signed on Gilbert Gonzalez of SONO Energy Corp. as the newest Franchise Dealer in the network of PriceEnergy franchisees.</p> <p>5/21/01 Able Energy reported a record sales performance for 1st Qtr. 2001, with sales of \$12.6 million, a 13.7% increase over 1st Qtr. 2000.</p> <p>3/15/01 PricewaterhouseCoopers Securities LLC is assisting Able Energy and PriceEnergy.Com, Inc. in preparing a private memorandum and will act as the placement agent for potential financing.</p> <p>2/10/01 PriceEnergy.com was featured as a solution to high heating oil prices on Ernst & Young's Weekend Business Report.</p> <p>8/16/00 Able Energy opened its new Customer Care Center and headquarters in Rockaway, NJ.</p> <p>4/25/00 Able Energy retained Burrsand Inc. to develop a new e-commerce energy distribution site.</p>

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<p>Abraxas Petroleum Corp. (Abraxas) 500 North Loop 1604 East Suite 100 San Antonio, TX 78232 210.490.4788</p> <p>www.abraxaspetroleum.com</p>	<p>Abraxas is an independent energy company engaged primarily in the acquisition, exploration, exploitation, and production of crude oil and natural gas. It operates in Texas, Wyoming and western Canada. Among the areas in which it is involved is a joint participation area in western Texas with EOG Resources. It also has a drilling program in two areas of Alberta, Canada. Through its wholly owned Canadian Abraxas Petroleum Limited (Canaxas) and newly acquired Grey Wolf, Abraxas owns one of the largest Canadian acreage positions held by a U.S. independent. Natural gas comprises 78% of its proven reserves. At the end of 2000, estimated total proved reserves were 244.4 Bcfe.</p>	<p>Public AMEX: ABP</p> <p>- Market capitalization (2/27/02) - \$32.7 million</p>	<p>10/1/00 Abraxas announced the closing of its successful tender offer for Grey Wolf Exploration Inc., and said it will acquire remaining common shares, resulting in 100% of Grey Wolf being owned by Abraxas and its subsidiaries.</p> <p>9/10/01 Abraxas updated its successful U.S. and Canadian operations.</p> <p>8/13/01 Abraxas reported revenue for the six months ended 6/30/01 at \$50.2 million, compared to revenue of \$33.0 million a year ago. Net loss was \$1.0 million at 6/30/01, compared to net income of \$20.4 million on 6/30/00. Results reflected the higher sale price of oil and gas, which was offset by the absence of a \$34 million gain on the sale of equity interest.</p>
<p>Aera Energy L.L.C. (Aera Energy) (jointly owned by Shell and ExxonMobil) P.O. Box 11164 Bakersfield, CA 93389-1164 661.665.5000</p> <p>www.aeraenergy.com</p> <p>Started: June 1997</p>	<p>Aera Energy is the leading oil and gas producer in California, with operating properties extending from the Los Angeles Basin to Coalinga in the north. The company has proved oil and natural gas reserves equivalent to one billion barrels of oil.</p> <p>Aera Energy has two affiliates: Terrain Technology Inc., which specializes in the manufacture of dust-control products used in oil fields, and Real Estate Development Interests.</p>		<p>6/22/01 Aera Energy holds oil and natural gas leases off the central California coast where a federal judge halted oil and gas exploration and drilling pending a full environmental review and approval by the California Coastal Commission.</p> <p>5/7/01 Ivanhoe Energy of Bakersfield, CA and Aera Energy are joint-venture partners in exploration for oil and gas.</p>
<p>Allegro Development Corp. (Allegro) 1445 Ross Avenue Suite 2200 Dallas, TX 75202 214.237.8000 1.999.239.6850</p> <p>(Offices also in Houston, Calgary, Alberta and London.)</p> <p>www.allegrodevelopment.com</p>	<p>Allegro Development is a provider of enterprise trading and risk management software for the energy industry. Users of Allegro software include oil and gas producers, energy traders, gas processors, transporters, pipelines, refiners, petroleum distributors, electric and gas utilities, and energy consumers throughout the world.</p> <p>Among Allegro's integrated suite of applications are: Allegro Natural Gas, which manages physical gas trading, gas control, scheduling, and invoicing; Allegro Crude Oil; Allegro Power; Allegro Refined Products; and Allegro Risk Management, which is fully integrated with Natural Gas and Power to provide a comprehensive set of risk assessment and management tools to support front-to-back office operations.</p>	<p>Private</p>	<p>9/25/01 Allegro announced that ANP Marketing Company, a subsidiary of American National Power, Inc., licensed Allegro's Natural Gas, Risk Management and Power applications.</p> <p>9/11/01 Allegro announced that Innogy Holdings licensed its Natural Gas, Risk Management, Coal, and Power Management applications.</p> <p>8/1/01 Allegro opened a new local office in Calgary, Alberta to better serve its Canadian clients.</p>

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Part 2: E-Commerce in Oil and Gas

Company Information	Description of Activities	Finance and Investment	News and Additional Information
<p>Altra Market Place Altra Energy Technologies, Inc. (Altra) 1221 Lamar, Suite 950 Houston, TX 77010 713.210.8000</p> <p>www.altra.com www.altranet.com</p> <p>Date started: Founded Jan. 1996; the Altrade power platform launched in Oct.1999</p>	<p>Altra operates the Altra Market Place, formerly known as Altrade™, an independent trading exchange for electricity, natural gas, gas liquids, oil, propane, and other energy products. In 1999, Altrade was named the second most dominant e-trading platform for power trades, closely following the first-place Bloomberg PowerMatch. In 1998 Altra acquired the QuickTrade System, its largest competitor in electronic trading and in 1999 it acquired Energy Altra Risk, allowing Altra to form the first fully integrated transaction management system. In Jan. 2001, the company launched its new corporate brand, the Altra Market Place.</p> <p>The Altra Market Place is comprised of eGas™, ePower™, Altra NGL, and Altra Crude. Altra is the only online energy exchange offering a suite of products, Altra Market Tools, that provides solutions for scheduling, risk management, and accounting of energy commodities.</p> <p>Altra's real-time online trading platform is broker-assisted by Amerex and Prebon Energy. It allows transactions across all energy-related products.</p> <p>Altra recorded \$40 million in top-line revenue in 1999, topping that figure in 2000. In 9/00, Altra announced record-breaking figures for Altrade™, including an all-time monthly volume record in 8/00 of 18.9 million MWHs, surpassing its previous record of 14.8 million MWHs set in 2/00.</p>	<p>Private</p> <ul style="list-style-type: none"> - Altra was formed by Williams and PanEnergy (now Duke Energy). - Altra's partnership with two energy brokerage firms, Amerex and Prebon, has resulted in the splitting of profits from all trades among these three partners. - Major energy companies that have committed capital to Altra Energy: <ul style="list-style-type: none"> - American Electric Power - BP Amoco - Conoco - Koch Industries - Main benefactor is Battery Ventures, reported to have invested more than \$50 million in Altra. - In 5/01 AEP Investments Inc. acquired \$300,000 of preferred stock of Altra Energy. This was a supplemental investment. - Other partners include: <ul style="list-style-type: none"> - Andersen Consulting - Excelergy 	<p>10/15/01 Caminus Corp., provider of software and consulting for trading and risk management, signed a purchase agreement to acquire Altra Energy Technologies, Inc. for \$62 million. Caminus expects to boost revenues by 40% in 2002.</p> <p>8/14/01 California Department of Water Resources selected Altra Power to manage power scheduling in the state. Altra Power is already being used by California Energy Resource Scheduling for emergency energy purchases for the state.</p> <p>5/22/01 Paul Bourke, president and CEO of Altra Energy Technologies was named one of the 25 most influential people in electronic business by <i>Business Week</i>.</p> <p>5/15/01 Altra E-Business Solutions launched an advanced energy portal by ONEOK, Inc. The My OEMT portal acts as a next-generation e-business network.</p> <p>5/8/01 American Electric Power (AEP), through its AEP Investments, Inc. subsidiary, acquired \$300,000 in Series D non-convertible preferred stock of Altra Energy Technologies, Inc.</p> <p>4/11/01 Altra Energy Technologies, Inc. announced it has begun operations within the New York Independent System Operator (ISO) market. Altra's ePower™ (formerly known as Altrade™ Power) is the first major independent online exchange to have a presence in the New York market.</p> <p>4/5/01 Altra Energy Technologies, Inc. announced that MidAmerican Energy Company licensed its products, Altra Gas and AltraWeb™ Exchange.</p>

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<p>Bloomberg PowerMatch Bloomberg L.P. New York, NY</p> <p>www.bloomberg.com/products/powermatch.html</p>	<p>The Bloomberg PowerMatch system allows registered power marketers and utilities to trade over-the-counter products anonymously with chosen counterparties. PowerMatch allows traders to instantly cancel, change, or suspend open orders. The back office, risk manager, and credit department can be notified instantly when a trade is done. All orders are immediately executable. Bloomberg PowerMatch is one of the largest electronic energy brokers in the world. The service now has over 150 firms trading electricity, natural gas and emissions.</p>	<p>Private</p>	<p>12/3/01 Bloomberg PowerMatch , announced it is seeing an increase in trades despite recent conditions in the energy market. Volume on PowerMatch has seen a 300% surge from October to November.</p> <p>5/29/01 Bloomberg PowerMatch announced that it will begin offering clients the ability to trade power in increments as short as one hour, a change from the markets that are currently offered by most energy brokerage systems. The new feature was added as a result of traders' demands.</p>
<p>CapacityCenter.com™ Skipping Stone Technology Properties, Inc. 83 Pine, Suite 101 West Peabody, MA 01960 800.883.8227 Offices also in Houston, TX and Philadelphia, PA.</p> <p>www.capacitycenter.com</p> <p>Started: 1994; Website launched Dec. 1999</p>	<p>CapacityCenter.com collects and updates capacity information from all major natural gas pipelines and generates reports on capacity release information. It alerts subscribers via e-mail when capacity on a pipeline they are interested in becomes available. Services include real-time notification of biddable capacity deals and of operational System Notices, compilation of all the completed deals from the prior day on the pipelines requested, Firm Transportation (FT) shipper listings, and custom reports and analysis.</p>		<p>2/14/01 CapacityCenter.com released research showing that the pipeline capacity release marketplace is responding positively to the price cap removal provisions of FERC Order 637.</p> <p>9/19/00 The 20 Most Actively Traded Pipelines in the capacity release marketplace were announced.</p> <p>12/9/99 CapacityCenter.com launched its Website, providing natural gas and energy companies both current and historical information from the released capacity market. Its database of capacity information was compiled by TransCapacity, which was acquired by Skipping Stone in 1999.</p>
<p>ChooseEnergy.com ChooseEnergy 200 Wells Ave. Newton, MA 02459 800.451.0181 (privately held company) Affiliate office in Harrisburg, PA</p> <p>www.chooseenergy.com</p> <p>Started: 1998</p>	<p>ChooseEnergy is a leading application service provider (ASP) to the competitive energy industry. It provides a suite of Web applications for customer enrollment and energy procurement to utilities, energy service providers, and energy service companies. Its CE Suite™ automates the supply chain and business processes. Its EDI and Web site products are certified by GISB (Gas Industry Standards Board).</p>	<p>- Its first round of venture capital financing amounting to \$15 million was completed in April 2000.</p> <p>Investors: -Ballentine Capital -Sandler Capital Management -Integrated Energy Services</p>	<p>8/23/01 ChooseEnergy announced it has chosen Oracle's 9i suite of products to support the company's ASP platform.</p> <p>5/17/01 ChooseEnergy announced GISB certification for its CE Suite™ of products.</p> <p>2/1/01 ChooseEnergy announced enhanced design and functionality for Java-based Web applications.</p> <p>4/24/00 A first round of venture capital financing amounting to \$15 million was completed. Gleacher & Co. arranged this round.</p> <p>4/19/00 ChooseEnergy.com was featured on the weekly television series, World Business Review.</p>

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Part 3: Private Equity Investment Firms & Venture Capital Investors in Oil and Gas

Firm or Investor Information	Description of Activities	Finance and Investment	News and Additional Information
<p>A.G. Edwards & Sons, Inc. (A.G. Edwards) One North Jefferson St. Louis, Missouri 63103 314.955.3000 Energy Group 314.955.3692 (Branch offices and affiliates' offices are located in 49 states, the District of Columbia, and London, England.)</p> <p>www.agedwards.com</p> <p>Started: A.G. Edwards was founded in 1887; the energy group was formed in 1996</p>	<p>A.G. Edwards is one of the nation's largest investment firms. It is well known as a brokerage firm and as an underwriter of public offerings of common stock. It is considered among the top energy investment banks and a leading provider of equity and debt capital to the oil and gas industry.</p> <p>A.G. Edwards Investment Banking focuses on capital raising, M&As, private placements, aftermarket support, and other related services. It works with both public and private companies. The Energy Group provides equity and debt financings that provide funds for growth, refinancings to lower clients' cost of capital, strategic acquisitions, or joint ventures. It places much of its focus on small- to mid-sized oil and gas companies and uses its retail network to structure innovative financings transactions.</p>	<p>Public NYSE: AGE</p> <ul style="list-style-type: none"> - Lead-manages transactions of varying sizes, with \$30- to \$100 million being the most active size range for the firm. - Transaction sizes of debt placements and asset-backed financings generally range from \$20- to \$200 million. - Examples of financing transactions managed or handled by A.G. Edwards: <ul style="list-style-type: none"> - \$88-million offering of common stock by Evergreen Resources, Inc. - \$176.2 million offering of common units by Northern Border Partners, L.P. - \$483-million offering of common stock by Peabody Energy Corp. - \$150-million offering of preferred securities by Talisman Energy - \$98.9 offering of common units by Williams Energy Partners - \$142-million IPO of royalty trust units by Hugoton Royalty Trust, formed by Cross Timbers Oil Co. - \$124-million offering of common units by Star Gas Propane L.P. - \$75-million note sale planned by Alabama Gas - An underwriter in offering of 3.25 million common units of limited partner interests by Star Gas Partners L.P. 	
<p>Altira Group LLC World Trade Center 1625 Broadway Suite 2150 Denver, CO 80202 303.825.1600</p> <p>www.altiragroup.com</p> <p>Started: 1996</p>	<p>Altira Group LLC (Altira) is a venture capital firm focusing exclusively on equity capital for seed and early-stage companies that develop and commercialize technology for the energy industry. Its primary geographic focus is North America. However, many of its portfolio companies operate worldwide. Altira is known as a SME (subject matter expert), and its expertise in the energy industry has allowed it to deploy capital aligned with some larger funds in the U.S.</p>	<p>Private</p> <ul style="list-style-type: none"> - Typical investment is between \$250,000 and \$4 million. <p>Current portfolio companies:</p> <ul style="list-style-type: none"> - Canyon Offshore, Inc. - Geodynamic Solutions, Inc. - Pixxures, Inc. - TransZap - Wenzel Downhole Tools Ltd. - WhiteStar Corporation 	<p>5/16 GE Global eXchange Services transitioned upstream services to TransZap's Oildex Connect™. TransZap, a current portfolio company of Altira, provides digital revenue and production data exchange services.</p> <p>3/9/01 Pixxures, Inc., a current portfolio company of Altira and a leading provider of advanced digital mapping products, services and online delivery services, partnered with Axion Spatial Imaging Inc., to provide easier Internet delivery of imagery.</p>

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Firm or Investor Information	Description of Activities	Finance and Investment	News and Additional Information
<p>Aquila Energy Capital Corporation (AECC) (subsidiary of Aquila, Inc.) 2 Houston Center 909 Fannin Street Suite 1850 Houston, Texas 77010 713.336.7575 (Office also located in Denver.)</p> <p>www.aquila.com</p> <p>Started: 1998</p>	<p>AECC is a capital services business unit of Aquila, which is one of the largest energy risk management operations in North America. AECC offers capital and financial services, providing long-term financing solutions for independent oil and gas producers, midstream asset owners, and energy processors, gatherers and transporters.</p> <p>As a source of senior and mezzanine capital with structuring benefits, it specializes in customizing financial structures and bundles financing with innovative energy products and services. It can provide a higher level of funding than most banks, finance loans for longer-term periods, and provide quick transaction execution.</p>	<p>Public</p> <ul style="list-style-type: none"> - Capital available - \$300 million (2001). - Investment size ranges from \$5-\$100 million; preferred size - \$40 million - Since its inception, AECC has completed more than 30 transactions with about 20 producers. About \$500 million of capital has been placed. - Private debt investments have ranged from \$5 to \$100 million. - Term of transactions, in general, range from 2 to 10 years. 	<p>4/24/01 UtiliCorpUnited announced that an IPO of 17,500,000 shares of Class A common stock of Aquila, Inc. was priced at \$24.00 per share. The IPO was completed on 4/27.</p> <p>2/26/01 UtiliCorp United announced that its wholly owned subsidiary Aquila Energy changed its name to Aquila, Inc.</p>
<p>ARC Financial Group Ltd. 400 3rd Avenue S.W. Suite 4300 Calgary, Alberta T2P 4H2 Canada 403.292.0680</p> <p>www.arcfinancial.com</p> <p>Started: 1989 (Began as PowerWest Financial Ltd., which was changed to ARC Financial in 1996.)</p>	<p>ARC Financial Group combines expertise in equity investment, production management, investment research, and corporate merger, acquisition and divestiture transactions. The ARC name is derived from its business activities in the Advisory, Research and Capital areas. It has two separate businesses, operating as ARC Resources Management Ltd. and ARC Financial Management Ltd.</p> <p>ARC Financial has achieved a respected performance in the area of early-stage investing in companies generally with under \$100 million in market capitalization. In addition to early-stage companies, ARC invests in growth and turn-around companies and specialized energy investments.</p>	<p>Private</p> <ul style="list-style-type: none"> - Size of investments ranges from \$3- to \$10 million, with \$5 million preferred. - ARC Strategic Energy Fund made equity investments (at market value) amounting to \$79 million in 2000. - Over the 1989-97 period, advised on over \$9 billion of M&As in the energy industry. - Since 1990, invested about \$325 million in 74 early-stage energy companies. - ARC Financial has advised on about one-third of all significant oil and gas corporate transactions in Canada, involving some 46 assignments and representing approximately \$7 billion in value. - ARC's first Energy Venture Fund raised initial capital in 1997 with commitments totaling \$154.5 million. The second energy fund raised its initial capital in 10/99 and closed in 2000 with a total of \$153.5 million in committed capital. 	<p>10/3/01 ARC Strategic Energy Fund announced it had entered into an agreement to sell its investment in ARC Canadian Energy Venture Fund.</p> <p>7/30/01 ARC Strategic Energy Fund announced that as of 6/30/01 it had made equity investments (market value) of \$23.7 million.</p> <p>1/1/01 ARC Financial Group again qualified as one of Canada's 50 Best Managed Private Companies, based on an annual survey led by Arthur Andersen. The company has achieved this award annually since 1994.</p>