

Developing Unconventional Oil (DUO) Conference and Exhibition 2011 Show Report



The shift to oil has become a stampede, and more than 2,000 attendees at the 2nd annual Developing Unconventional Oil (DUO) Conference & Exhibition packed talks on oil-prone reservoirs. The May event was held in Denver, in the heart of the Rocky Mountain region.

Speakers outlined major well successes, ramped up drilling programs and infrastructure challenges in the rapidly expanding Bakken play in North Dakota and Montana. Private-company executives introduced the Mississippi Lime play of Oklahoma and Kansas, one of the newest on the radar screen, to the audience. The complexities of the developing Niobrara play in Colorado and Wyoming and the Monterey in California were discussed in detail.

The evolving technologies to complete horizontal wells in tight oil reservoirs were featured in a panel discussion. Methods and strategies that work in gas shales do not necessarily work the same way in oil shales, and attendees were eager to hear the latest thoughts from experts in the field. ***“There are more issues with understanding permeability and multi-phase flow with the liquids-rich unconventional,”*** said Bob Shelley, director of engineering and competitive analysis at ***StrataGen Engineering***.

Globally, the potential of oil-prone unconventional reservoirs is tremendous. Still, Paul Favret, chief executive of ***Source Energy Partners***, noted that ***“development will require patience, persistence and politics.”***

As the industry continues to grow its knowledge of how to extract oil from these challenging plays throughout North America and abroad, old producing regions are being rejuvenated and new areas are being uncovered. It’s an exciting time in the oil business.

Peggy Williams
Director, Unconventional Resources
Hart Energy

DUO Statistics

Attendees

Total Attendees	2,061
Total Exhibits	148
Sponsoring Companies	50
Square Feet of Exhibit Space	19,000

Countries Represented

Australia	France
Brazil	Mexico
Canada	Russian Federation
○ Alberta	United Kingdom
○ British Colombia	United States
○ Newfoundland	
○ Ontario	

U.S. States Represented

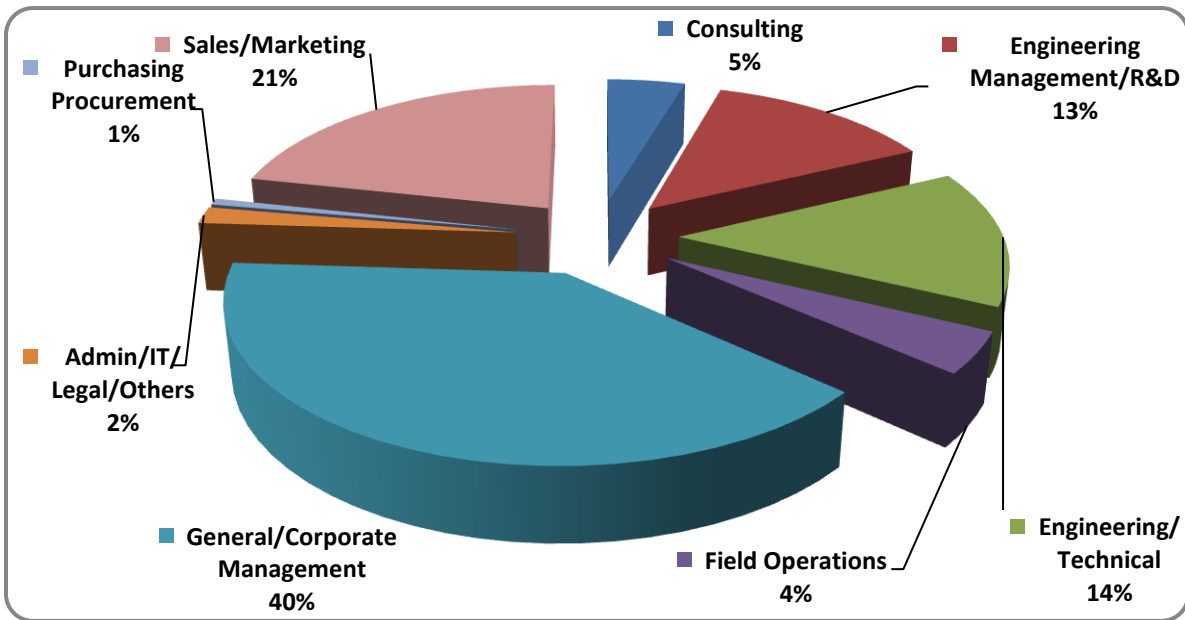
Alabama	Indiana	New Jersey	South Dakota
Arkansas	Illinois	New Mexico	Tennessee
Arizona	Kansas	New York	Texas
California	Louisiana	North Dakota	Utah
Colorado	Massachusetts	Ohio	Vermont
Connecticut	Michigan	Oklahoma	Wisconsin
District of Colombia	Minnesota	Oregon	West Virginia
Florida	Missouri	Pennsylvania	Wyoming
Georgia	Montana	South Carolina	

Save the Date

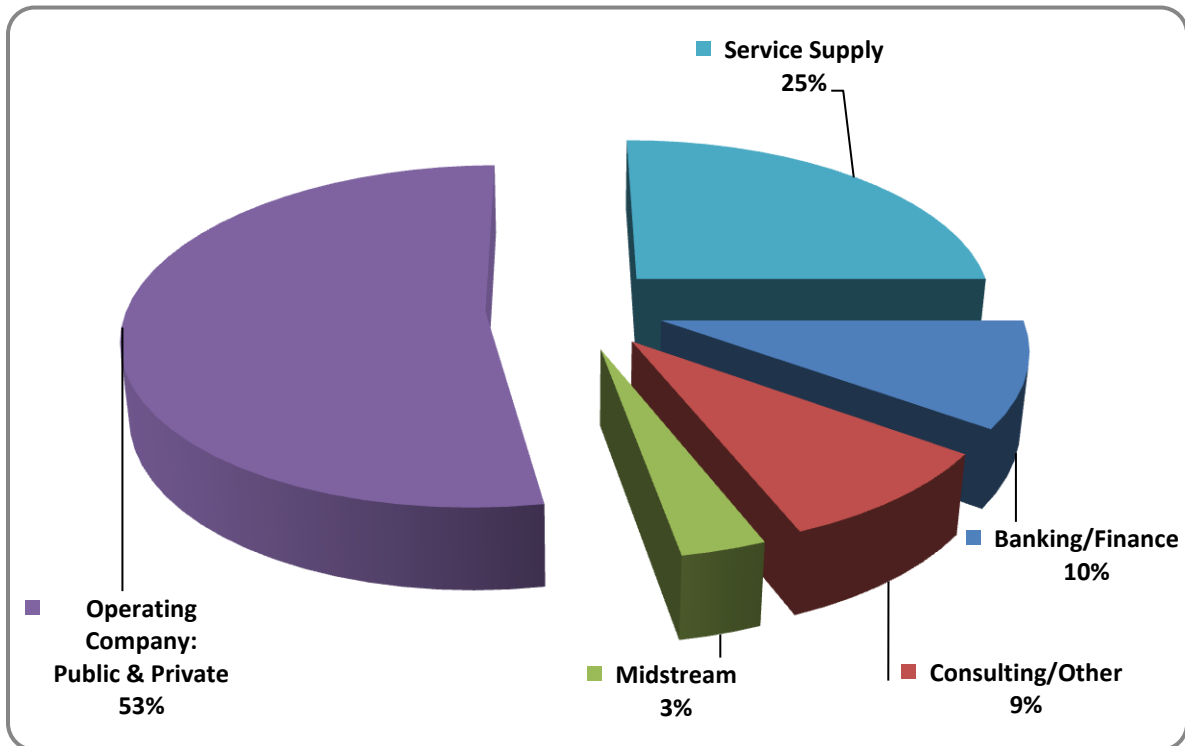
The 2012 DUO Reservoirs Conference & Exhibition will focus on the geology, technology and economics of oil-resource plays. In the U.S., such plays as the Bakken have contributed to a remarkable growth in production and in proved reserves. Leading operators, geoscientists and energy economists will discuss trends and deliver their insights on this rapidly changing sector. Find out where the action is and what new plays are emerging for next year.

On behalf of Hart Energy, we thank all those who have participated in DUO the past two years and we invite you back next year. Mark your calendars for the 3rd Annual DUO Conference. The 2012 dates are May 14 – 16, at the Colorado Conference Center in Denver.

DUO Attendees by Job Function



DUO Attendees by Company Type



COMPANIES REPRESENTED – 823

A&W Water Service, Inc.	Beta Land Services, LLC	Carrizo Oil & Gas, Inc.
A2L Technologies, Inc.	Beusa Energy, LLC	Carrollton Mineral Partners
Aggreko LLC	BG Group	Caruthers Producing Company
Air Liquide Industrial U.S. LP	Big West Oil, LLC	Casedhole Solutions, Inc.
AKA Energy Group, LLC	Bill Barrett Corporation	Catamount Exploration, LLC
Albrecht & Associates, Inc.	Bio-Cide, International	Caterpillar Inc
Alliance Wood Group Engineering	Bishop Lifting Products	Cathedral Energy Services
Allis-Chalmers Energy Inc.	Bitter Creek Energy Services	Cavalry Energy
Ally Equipment Rental	Black & Veatch	CDI Seals
Amegy Bank N.A.	Black Cat Ceramic Proppant	Center for Transportation Safety
American Midstream	Black Diamond Minerals, LLC	Century Exploration Resources, Inc.
Anadarko Petroleum Corporation	Black Hills E&P	CGGVeritas
Anderson Management Company	Black Stone Minerals	CH2M Hill Energy & Chemicals
Anschutz Exploration Corporation	BMP Enterprises	Chambers Energy
Antelope Energy	BNSF Railway	Champion Technologies
Arapahoe Resources LLC	Bonanza Creek Energy, Inc.	Chesapeake Energy Corporation
Arete Industries inc.	BonaPhi Oil & Gas, LLC.	Cheyenne Petroleum Company
ARK Directional Services Inc. (USA)	Boots & Coots, A Halliburton Service	Chief Oil & Gas
Arkoma Basin Resources, LTD.	BOPCO, L.P.	Cholla Petroleum
Arnco Technology	BOS Solutions	CIBC World Markets
Aspect Energy	Boyce Resource Development Co	Cimarron Energy, Inc.
Aterra Exploration	BP America Production Co.	Cimation
Athlon Energy LP	Breit Burn	Cinco Resources, Inc.
Atlas Tubular LP	Bridgfield Electrical Services	Cirque Resources LP
Audubon	Brigham Exploration	Clairvest Group Inc.
Auterra Inc	Bronco Oilfield Services	Clements Exploration Co.
Aviva, Inc.	BTA Oil Producers, LLC	CNX Gas
Axia Energy	BTL Liners-BTL Lining &Sales	Coachman Energy LLC
Baker & O'Brien, Inc.	Burkland Family Partners	Colorado Business Bank
Baker Hughes	Burleson LLP	Colorado House District 37
Bank of America Merrill Lynch	Byron Capital Markets	Colorado School of Mines
Bank of Oklahoma	C&H Excavation	Columbine Logging, Inc.
Barclays Capital	C&J Energy Services, Inc.	Combined Resources
Barren Plains Land Services	Caballo Energy	Comerica Bank
Bart Johnson, Inc.	Cable, Inc.	Comet Ridge Resources, LLC
Barwis Interests LTD	Cable, Inc. Wellhead Division	Common Resources II
BASF	Caddis Capital	Compass Compression
Basic Energy Services	Calfrac Well Services Corporation	Compass Engineering & Consultants
Bass Gas, Inc.	Calypto Capital	Compressco, Inc.
Bay Geophysical, Inc	Calyx, LLC	Compressor Systems, Inc.
Bayou Well Services, LLC	Cameron	Concord Energy LLC
Baytex Energy Ltd	Canaccord Genuity	ConocoPhillips, Inc.
Beacon E&P	Canrig	Conquest Oil Co
Bear Tracker Energy LLC	CAP Logistics	Continental Resources, Inc.
Beicip Franlab / IFP	Capital One Bank	Contract Land Staff
Bell Supply Company	Capstone Turbine Corporation,	Cordillera Energy Partners III, LLC
Bentek Energy LLC	Carbo Ceramics, Inc.	Core Laboratories
Berry Petroleum Company	Carmeuse Industrial Sands	CoreLogic

Cornerstone Natural Resources	Ellora	FIML Natural Resources, LLC
Cortez Resources, LP	eLynx	Flexpipe Systems
Crane Energy LLC	Emerson	Flint Energy Services Inc.
Crimson Exploration	EnBridge Pipelines Inc	Flow Data
CRMS	Encana Natural Gas	FMC Technologies
CSI Recruiting	EnCap Flatrock Midstream	Focus Capital Group, Inc.
CTAP, LLC	EnCap Investments L.P.	Folsom Associates
Cudd Energy Services	Encompass Oil & Gas Consulting	Fores
Custom Alloy Corporation	Encore / Vanguard	Forest Oil Corporation
Custom Rubber Products	Enduring Resources, LLC	Fowler Mays, LLC
Cypress E&P	Energen Resources Corporation	Frac Tech Services
D.E.Shaw Direct Capital	Energy & Exploration Partners, LLC	Frear Consulting Inc.
Danlin Industries	Energy Laboratories, Inc.	
Dawson Geophysical Company	Energy Policy Research Foundation,	Freedom Oilfield Services, Inc.
DB Energy Trading	Energy Services	Frontier Energy Group, Inc.
Decision Strategies, Inc.	Energy Spectrum	Fusion Petroleum Technologies, Inc.
Deer Lake Oil & Gas Inc	Energy Tubulars, Inc.	Future Petroleum Company LLC
Dejcur Energy USA	EnergyNet.com Inc.	G3 Operating, LLC
Delta Petroleum Corp.	Enerplus Resources USA	Gaedeke Energy, LLC
Denbury Resources	Enersight USA	Gaffney, Cline & Associates
Denham Capital Management	Enertia Software	GarMark Advisors
Denver Business Journal	EnerVen Compression Services	Gary-Williams Production Co.
Derrick Equipment Company	EnEx	Gas Equipment Company Inc
DEVO Capital Management	Engler Petroleum Consulting LLC	GE Oil & Gas
Devon Energy Corporation	Eni Petroleum	Gene F. Lang & Co.
Diamond Oil Well Drilling Company	Enogex	Genesis Gas & Oil LLC
Diamond Operating, Inc.	EnRisk	GEODynamics
Diamondback Industries	ENSERVCO Corporation	Geoforce Inc.
Digital Formation	Ensign Energy Services	Geokinetics Inc.
DJ Resources, Inc.	Ensign Opsco Energy	Geophysical Pursuit, Inc
DJH O&G Consultants LLC	ENSIGN	GeoResources, Inc.
DnB NOR Bank ASA	Entek Energy	GFL & Associates, LLC
Don's Directory Inc	Entek GRB,LLC	Global Artificial Lift
Dorado	Enventure Global Technology	Global Hunter Securities
Dow Oil & Gas	Enviro Clean Services	Global Oilfield Services
Drillinginfo	Environmental Resources Mgmt.	GMX Resources
Dynamic Drilling Systems	Epsilon Energy USA	Golden Eye Resources, LLC
DynaPump, Inc.	Eurasia Group	Goldlake Corporation
Eagle Energy Company	EXCO Resources, Inc.	Greasewood Energy, LLC
Eagle Oil & Gas Co.	Exploration Geophysics, Inc.	Great Northern Gas Company
Ebel Integrators	Express Energy Services	Great Western Oil & Gas Co.
eCORP International	Expro Americas, LLC	Green Field Energy Technologies
Ecosphere Energy Services, LLC	Exterran Energy Solutions	GreyStar Corporation
Egret Consulting	ExxonMobil	Guaranty Bank
El Paso E&P	Falcon Technologies	Guild Investment management
El Paso Midstream	Family Tree Corporation	Gulf Shores
El Paso Western Pipelines	FCI Consulting & Inspection	GVC Capital, LLC.
Eldorado Resources, LLC	Ferus Corporation	H&L Exploration Company, LLC
Element Partners	Fiberspar LinePipe	Halliburton
Elgin Energy	Fidelity Exploration & Production	Hanes Geo Components

Hanley Petroleum Inc.	JK Minerals	Lonetree Oil & Gas Company
Harding & Shelton	John Crane Production Solutions Inc	Lost Creek Land & Cattle Company
Harvest Petroleum, Inc.	Jonah Bank	Lowham Walsh
HB Rentals	Jones Lang LaSalle	Lowry Oil and Gas, LLC
Helios Advisors LLC	JPMorgan	Lt. Governor of North Dakota
Helm Energy	JSC LUKOIL	Lufkin Industries
Hess Corporation	Julander Energy Company	Luft Machine
Hi Tech Fluid Systems	JW Williams	LUKOIL Overseas
HighMount E & PLLC	J-W Wireline Company	M. Terry Enterprises
Hilton Services LP	K.P. Kauffman Company, Inc.	Macquarie Bank Limited
Holland Services	Kadmas, Lee & Jackson	Macquarie Energy Capital
Holloman Corporation	Kaiser-Francis Mid-Continent, LLC	Macquarie Tristone
Honcho Energy, LLC	Kansas City Southern Railway	Madison Capital Management, LLC
Hoover Energy Partners LP	Kayden Industries	Madrid Oil
Horizon Well Logging, LLC	Keane Group	Magnolia Petroleum, Inc.
Horizontal Solutions International	Kelly OCTG	Magnum Hunter Resources
Hose and Rubber Supply	Kern Oil & Refining Co	Magnum Oil Tools
Howard Supply Company	Key Energy Services	Major Pipeline LLC
HRM Resources	Kiewit	Mankato Kasota Stone
Hunt, Guillot & Associates	Kimray, Inc.	Marathon Oil Corporation
Hunting Energy Services	Kinder Morgan Energy Partners	Masset Enterprises, Inc.
Hymco Ventures, LLC	Kinder Morgan Pipelines	Mazama Capital Management
ICS Sales, Inc.	Kinder Morgan Treating	Mazzullo Energy Corporation
IHS	Kirkpatrick Oil Company	McCommons Oil Company
iLandMan	Kleinfelder	McElvain Oil & Gas Properties, Inc.
IMA	Knowledge Reservoir	MCX Exploration
Imerys Oilfield Minerals	Lakeside Steel Corporation	Meagher Energy Advisors
Impact Energy Resources, LLC	Lansing Trade Group	Mentor Engineering Inc.
IPAA	Laramie Energy II, LLC	Mercator Energy
Indigo Minerals LLC	Larance Engineering Company	Meredith Land & Minerals Co.
Ingrain	Laredo Petroleum Inc.	Mereken Energy
INPEX	Lario Oil & Gas Company	Mergermarket
Insight Automation, Inc.	Laser Investment Group	Merrick Systems
Insight Consulting	Lawson Products, Inc.	Mesa Energy Partners
Integrated Production Services	Layne Energy	MHA Petroleum Consultants
International Petroleum	Leed Fabrication Services.Inc.	Michiwest Energy, Inc.
Interstate Electrical Contractors, Inc.	Lefrak Energy	MicroSeismic, Inc.
Intervention Energy, LLC	Legado Resources	Midstates Petroleum
Invest in France Agency	Leistritz Corporation	Midwestern Pipeline Products Co.
Iofina Natural Gas	Lewis Energy Group	Milagro Exploration, LLC
ION Geophysical	Liberty Energy	Milam Sons' Minerals, LLC
IPS	Liberty Resources LLC	Milan Resources & Investments, LLC
Iracore International Inc.	LIG Midstream Co., LLC	Mill City Capital, LP
ITC Electrical Technologies	Light Tower Rentals, Inc.	Miller Energy Company
ITERO ENERGY INC	Lime Rock Partners	Missouri Basin Well Service
J Douglas Bowey and Associates	Linn Energy	Mistras Group
J.W. Williams Inc.	LMKR GeoGraphix	Mitsui E & P USA LLC
Jaco Oil Company	Lockhart Geophysical	MK Resources
Janus Capital Group	Lockton Companies, LLC	Momentive
JGC Energy Development (USA) Inc	Lone Star Land & Energy	Morgan Stanley

Morris Engineering	OJSC	Premier Pipe, LLC
Mountain Mud Service and Supply	OleumTech Corporation	Preng & Associates
Mountainview Energy LTD	Onshore Quality Control Specialists,	Prima Exploration
Moyno, Inc	Oppenheimer	Primary Natural Resources III, LLC
MRC	Oracle Resources LTD	Prime Flexible Products/FlexSteel
Multi-Chem	Orchard Petroleum	Principle Environmental LLC.
Mustang Engineering	Owen Oil Tools	Prism Seismic
Nabors Drilling USA, LP	Oxy Inc.	Private Investor
Nabors Oil Tools	P2 Energy Solutions	Profire Energy
Nabors Well Services	Packers Plus	ProTechnics, Div. of Core Labs.
Nadel and Gussman Permian, L.L.C.	Particle Drilling Technologies	PTI Group Inc.
Nalco Company	Pason Systems, USA	Pumps & Service
National Fuel Marketing Co. LLC	PathFinder a Schlumberger Co.	Pure Energy Services (USA), Inc.
National Oilwell Varco, LP	Patronus Petroleum	QEP Resources, Inc.
Natures Composites	Patterson-UTI Drilling Co. LLC	QuantStrat
Navigator Oil and Minerals	PDC Energy	Quantum Energy Partners
NEOS GeoSolutions	Peak Energy Resources	Quest
Nerd Gas Company, LLC	Peak Exploration & Production	Quorum Business Solutions, Inc.
NES Financial	Peakview Energy Company	R360 Environmental Solutions
Netherland, Sewell & Associates	Penspen Limited	Rainbow Ceramics
Neuralog	Peregrine Petroleum	Ralph E. Davis Associates, Inc.
New Prospect Company	Peterson Energy Management, inc.	Rambar Industries, Inc.
New Tech Global	Petro Amigos Supply, Inc.	Rampart Energy Co.
Newey Energy	Petro Harvester Acquisitions	Rancher Energy Corporation
Newfield Exploration Company	PetroArc International	Range Resources Corp
Newfield Rocky Mountains	Petrobras	Rantec Corporation
Newpark Drilling Fluids	Petroglyph Energy	Raven Industries
NGP Capital Resources Corporation	Petrogulf Corporation	Raymond James & Associates
Nighthawk Production LLC	PetroHarvester Oil & Gas	RBC Capital Markets
Nitro-Lift Technologies, LLC	Petroleum Energy Corporation	RCI Consultants, Inc.
Noble Energy Inc.	Petroleum Field Services, LLC	Realm Energy
Noble Royalties, Inc.	Petrolink Services, Inc	RECON Petrotechnologies
Norris Production Solutions	Petro-Sentinel LLC	Red Cedar Partners, LLC
Norse Energy Corporation USA	Phillips Energy Partners	Red Oak
North American Interpipe	Piedra Resources, LLC	Red Willow Production Company
North Plains Energy	Pinnacle - A Halliburton Service	Renowned Resources
Northern Energy Corporation	Pioneer Natural Resources	Resolute
Northern States	Pioneer Pipe	Resolute Energy Corporation
Northland Capital Markets	Pioneer Wireline Services	Resolve GeoSciences, Inc.
Northland Power Services, LLC	Pipestream	Resource Environmental Solutions
NW Instruments and Controls, Inc.	Plains Exploration & Production Co	Resource West, Inc.
NPC Engineering Group	Planned Energy Capital	Resurrection Partners, LP
NRG Manufacturing	Platinum Control Technologies	Rex Energy
NuTech Energy Alliance	PML	RN Industries
NVI, LLC	Poco Minerals	Robert L. Bayless, Producer
Nyoon Energy Consulting	PostRock Energy	Rock Oil Company, LLC
Objective Management	Power Service, Inc	Rockies Standard Oil Company, LLC
Occidental Oil and Gas	Precision Drilling Company LP	Rocky Mountain Radial Jetting Inc.
Oilfield Integrators	Preferred Sands	Rodman Petroleum Corporation
Rooney Engineering Inc	Sintex Minerals & Services	Tetrad Resources, LLC

Roper Pump Company	Sklar Exploration Company LLC	Texas Right of Way Associates
Rosewood Resources	Slawson Exploration	TexasArc
Ross Smith Energy Group	SM Energy Company	Tex-Isle Supply, Inc.
Rotating Energy Services	Smith Bits - A Schlumberger Comp.	Texoz E&P Inc.
Rotor-Tech, Inc.	Sojitz Energy Venture, Inc.	Texsand Energy Resources
Roxar	SOS Staffing Services	TGS
Roywell Services, Inc.	Source Energy Partners	The Broe Group
RPM Energy	SW. Energy Production Company	The Champion Group
Ryder Scott Company	Sovereign Energy LLC	The Lease Auction House LP
S&B Engineers & Constructors, Ltd.	Sound and Cellular Inc.	The Oil & Gas Asset Clearinghouse
S&B Infrastructure Pipeline Ltd.	Spartan Energy	The Royal Bank of Scotland
S. Craig Settle	Spatial Energy	The TechnoWise Group, Inc.
Saddle Butte Pipeline	Sprung Instant Structures, Inc.	Thermo Fisher Scientific
Saga Petroleum	SST Energy Corporation	Thomas J. Sisk & Co.
Saint - Gobain Proppants	Stallion Oilfield Services	Thomas Petroleum LLC
Samson Resources Company	Sterling Energy Company	ThruBit LLC
Samsung Rocky Mountains	Stewart & Stevenson Rig Division	Thunder Rock
Samuel Gary Jr. & Associates, Inc.	Stifel Nicolaus	Thurston Energy
Sanctuary Oaks Consultants Int'l Inc.	Stone Energy Corporation	ITC - The Industrial Company
SandRidge Energy	Stonegate Production Company	TMK-IPSCO
Sanjel USA	Strad Energy Services	Toreador France S.A.S.
Santa Barbara Asset Management	Strata X	Total Energy
Santrol	Stratagen Engineering Inc.	TPG Credit Management, L.P.
Savage Services Corporation	Stratford Investments, LTD	TPH Partners
Saxet Petroleum, Inc.	STS Consulting Services, LLC	Tracker Resource Development
SCF Partners	Sumitomo Corporation	Tradition Midstream
Schermerhorn Co	Summit Midstream Partners	Transcontinent Oil Company
Schlumberger	Sundance / Miller	Triangle Petroleum Corporation
Scientific Drilling	Sunland Construction	Tripoint, LLC
SCP Grand Auzas & Associates	Superior Energy Service, Inc.	Tronco Energy
SEC Energy Products & Services	Superior Well Services	True Companies
Seismic Micro-Technology	Synergy Resources Corporation	True Oil LLC
Seitel, Inc.	TAM International, Inc.	Tubular Synergy Group
Select Energy Services	Tamarack Oil and Gas LLC	Tudor Pickering Holt & Co.
Seneca Resources	Tank Connection	Tunstill Mineral Management
Sensor Geophysical Ltd.	TAQA North LTD	Turning Wave Seismic, LP
Sequel Energy, LLC	Target Logistics Management LLC	Tyler Oil Company
SFC Energy Partners	TBM Sand & Storage Logistics, LLC	Tyler Rockies Exploration, Ltd
Shamrock Proppants	Team Oil Tools	U. S. Steel Tubular Products, Inc.
Shell Exploration and Production	Tejas Completion Solutions	U.S. Bank
Sherman & Howard, LLC	Tejas Tubular Products, Inc.	U.S. Enercorp, Ltd.
Sherwin Williams	Tekton Energy LLC	U.S. Energy Corporation
Shoal Point Energy Ltd	Tenaris	UBS Financial Services, Inc.
Sierra Engineering	Tendeka, Inc.	Udelhoven, Inc.
Sigma 3	Terracore	UIL Energy
Silver Spur Resources	Territory Resources, LLC	Ultra Petroleum
Silvertip Electric Inc.	Tesla-Conquest	Underground Energy Corporation
Simmons & Company International	Teton Resources USA, LLC	United Energy Trading, LLC
Sinclair Oil & Gas Company	Tetra Tech, Inc.	UniversalPegasus International
University of Colorado at Boulder	ViaLogy	Westward Energy LLC

Unleaded Communications	Vitruvian Exploration, LLC	Whiting Petroleum
UPCO, Inc.	Wagner Power Systems	WhitMar Exploration
Upstream Pumping Solutions	Wagonhound	Wiegers Capital Management, LLC
URS Corporation	Walsh Env. Scientists and Engineers	Wild Well Control
Ursa Resources Group LLC	Wapiti Energy, LLC	Wildcat Minerals
US Army Corps of Engineers	Ward Williston Oil Company	Willbros
V&M USA Corp.	Warrior Energy Services Corporation	Williams Production Company LLC
University of Colorado at Boulder	Watco Companies	WillSource Enterprise, LLC
Unleaded Communications	Water Rescue Services	Wilson
UPCO, Inc.	Waveland Energy Partners LLC	Wind River Hydrocarbons, Inc.
Upstream Pumping Solutions	Wavetech Energy, Inc.	Withers Energy
URS Corporation	Weatherford International	Wolcott LLC
Ursa Resources Group LLC	Weatherford Laboratories	Wonderware West
US Army Corps of Engineers	WellEz	Wood & Company
VAL Energy	Wells Fargo Bank, NA	Wood Mackenzie
Valerus	Wells Fargo Energy Group	Woodbridge Oil & Gas Advisors
Vallourec & Mannesmann USA	Wells Fargo Insurance Services	Wood Group Surface Pumps
Valspar Corporation	Wells Fargo Securities, LLC	Wood Group Pressure Control
ValTek Industries	Welltec, Inc.	World Research Group
VAM Drilling	Wellwater Solution	Worldwide Geochemistry
Vanguard Natural Resources	WennSoft	Wyoming Casing Service, Inc
Vantage Energy, LLC	Westcon, Inc.	XTO Energy
Vantage Resources Company, LLC	Western Energy Alliance	Xtreme Coil Drilling
Vectra Energy, LLC	Western Energy Production	Yokogawa Corporation of America
Venable Royalty, Ltd.	Western Land Services	ZBI Ventures
Venoco, Inc.	Western Pump & Dredge	Zodiac Exploration Corp.