FOSSIL FUEL INVESTMENTS – LARGEST PRIVATE EQUITY MANAGERS

The following data is a survey of fossil fuel investments, including upstream, midstream, and downstream investments as well as fossil fuel-fired power generation by the largest private equity, private infrastructure, and energy-focused private equity managers by assets under management. While there are many other private asset managers that invest in fossil fuels, the below asset managers represent some of the largest.

Note: As private equity investments are often not disclosed publicly, the data inevitably contains errors or companies that have been exited. The data was gathered primarily using Pitchbook.

ASSET MANAGERS COVERED

DIVERSIFIED PRIVATE FUNDS MANAGERS
• Blackstone Group
• Apollo Global Management
• Carlyle Group
• KKR & Co
• Ares Management
• Oaktree Capital (part of Brookfield Asset Management)
• TPG Capital
• CVC Capital
• Warburg Pincus

PRIVATE INFRASTRUCTURE MANAGERS
• Macquarie Infrastructure & Real Assets
• Brookfield Asset Management
• Global Infrastructure Partners
• IFM Investors
• Stonepeak Partners
• iSquared Capital

ENERGY-FOCUSED PRIVATE EQUITY MANAGERS
• Kayne Anderson Capital Partners
• Riverstone Holdings
• Encap Investments
• Energy Capital Partners
• ArcLight Capital Partners
• NGP Energy Capital Management (owned by Carlyle Group)
• Quantum Energy Partners
## Asset Manager: Blackstone Group

AUM: $571 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tallgrass Energy</td>
<td>Midstream</td>
<td>Tallgrass operates and has participating interests in some of the more strategically important midstream assets in the Bakken and Rockies (the REX and Pony Express lines, for example)</td>
<td>Mar-20</td>
<td>US</td>
</tr>
<tr>
<td>Targa Badlands</td>
<td>Midstream</td>
<td>Pipeline assets located in the Bakken and Three Forks Shale regions</td>
<td>Feb-19</td>
<td>North Dakota</td>
</tr>
<tr>
<td>Zarou</td>
<td>Upstream</td>
<td>Operator and developer of renewable energy, oil and gas midstream, water</td>
<td>Oct-18</td>
<td>Middle East and North Africa (MENA)</td>
</tr>
<tr>
<td>Ulterra Drilling Technologies</td>
<td>Services</td>
<td>Designer and manufacturer of oilfield equipment.</td>
<td>Oct-18</td>
<td>Texas</td>
</tr>
<tr>
<td>Mime Petroleum</td>
<td>Upstream</td>
<td>Operator of an energy exploration company</td>
<td>Jan-18</td>
<td>Norwegian Continental Shelf</td>
</tr>
<tr>
<td>Rover Pipeline</td>
<td>Midstream</td>
<td>Operator of an approximately 700 mile pipeline designed to transport 3.25 billion cubic feet of natural gas per day.</td>
<td>Oct-17</td>
<td>Marcellus and Utica Shale</td>
</tr>
<tr>
<td>EagleClaw Midstream Ventures</td>
<td>Midstream</td>
<td>Provider of midstream energy services.</td>
<td>Sep-18</td>
<td>Permian Basin (TX)</td>
</tr>
<tr>
<td>Vine Resources (Vine Oil &amp; Gas)</td>
<td>Upstream</td>
<td>Operator of oil and natural gas exploration and production company.</td>
<td>Apr-17</td>
<td>Haynesville Basin of Northwest Louisiana</td>
</tr>
<tr>
<td>Gavilan Resources</td>
<td>Upstream</td>
<td>Oil and gas production assets</td>
<td>Mar-17</td>
<td>Western Eagle Ford (South Texas)</td>
</tr>
<tr>
<td>Lightstone Generation - Midwest Power Plants (2 natural gas, 1 coal fired power plant) (w/ ArcLight Capital)</td>
<td>Power generation</td>
<td>Power generation</td>
<td>Jan-17</td>
<td>Ohio, Indiana</td>
</tr>
<tr>
<td>Siccar Point Energy</td>
<td>Upstream</td>
<td>Explorer of crude oil and natural gas.</td>
<td>Jan-14</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Jetta Permian</td>
<td>Upstream</td>
<td>Explorer of oil and gas.</td>
<td>Aug-16</td>
<td>Delaware Basin (West Texas, Southern NM)</td>
</tr>
<tr>
<td>Huntley &amp; Huntley</td>
<td>Upstream</td>
<td>Operator of oil and natural gas exploration and production company.</td>
<td>Apr-16</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Guidon Energy</td>
<td>Upstream</td>
<td>Operator of a shale development company focused</td>
<td>Apr-16</td>
<td>Midland Basin</td>
</tr>
<tr>
<td>Osum Oil Sands Corp</td>
<td>Upstream</td>
<td>Operator of an energy company engaged in Canadian oil sands development.</td>
<td>Aug-14</td>
<td>Cold Lake region, Canada</td>
</tr>
<tr>
<td>Company Name</td>
<td>Sector</td>
<td>Industry Description</td>
<td>Date</td>
<td>Region</td>
</tr>
<tr>
<td>-------------</td>
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</tr>
<tr>
<td>Beacon Offshore Energy</td>
<td>Upstream</td>
<td>Exploration and production company focused on exploring, developing, acquiring and operating upstream oil and gas properties in the deepwater Gulf of Mexico</td>
<td>Jan-16</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>GridLiance</td>
<td>Energy transmission</td>
<td>Owner and operator of an electric transmission company</td>
<td>Mar-15</td>
<td>US</td>
</tr>
<tr>
<td>Black Rhino</td>
<td>Midstream</td>
<td>Infrastructure development company focused on Africa</td>
<td>Jul-14</td>
<td>Africa</td>
</tr>
<tr>
<td>FourPoint Energy</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production services intended to develop oil and natural gas assets.</td>
<td>Jun-14</td>
<td>Texas</td>
</tr>
<tr>
<td>Sabine Pass Liquefaction Project (Cheniere Energy)</td>
<td>Downstream</td>
<td>A Liquefied Natural Gas (LNG) plant located in Louisiana</td>
<td>May-12</td>
<td>Louisiana</td>
</tr>
<tr>
<td>Fisterra Energy</td>
<td>Midstream</td>
<td>Investor in energy and infrastructure operations with an emphasis on oil and gas.</td>
<td>Jan-13</td>
<td>Europe</td>
</tr>
<tr>
<td>LLOG Exploration</td>
<td>Upstream</td>
<td>Provider of a platform for oil and gas exploration and production</td>
<td>Nov-12</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Alta Energy Partners</td>
<td>Upstream</td>
<td>Owner and developer of oil and gas assets in North America.</td>
<td>Apr-11</td>
<td>Texas</td>
</tr>
<tr>
<td>Kosmos Energy</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production company focused on frontier and emerging areas along the Atlantic Margin.</td>
<td>Jun-08</td>
<td>West Africa</td>
</tr>
<tr>
<td>Sithe Global Power</td>
<td>Power generation</td>
<td>Owner and operator of electric generation facilities.</td>
<td>Oct-05</td>
<td>Global</td>
</tr>
</tbody>
</table>
Asset Manager: Apollo Global Management

AUM: $331 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
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</thead>
<tbody>
<tr>
<td>SPX Flow Power and Energy Business</td>
<td>Equipment</td>
<td>Manufacturer of industrial parts and components for oil &amp; gas, nuclear and other conventional power industries.</td>
<td>Nov-19</td>
<td>US</td>
</tr>
<tr>
<td>Clearway Energy</td>
<td>Power generation</td>
<td>Clearway Energy Inc, formerly NRG Yield Inc is an electric utility company that owns, operates, and acquires contracted renewable and conventional energy generation and thermal infrastructure assets across the U.S.</td>
<td>Mar-19</td>
<td>US</td>
</tr>
<tr>
<td>GE Energy Financial Services/ Investment portfolio</td>
<td>Power generation, midstream</td>
<td>About 20 investments in renewable energy and other U.S. power assets</td>
<td>Oct-18</td>
<td>US</td>
</tr>
<tr>
<td>Freestone Midstream</td>
<td>Services</td>
<td>The company focuses on acquisition and development of water assets serving the oil and gas industry</td>
<td>Aug-18</td>
<td>Powder River Basin</td>
</tr>
<tr>
<td>Double Eagle Energy</td>
<td>Upstream</td>
<td>Owner and operator of oil and gas properties.</td>
<td>Feb-18</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Spartan Energy Acquisition</td>
<td>Upstream</td>
<td>Blank check company</td>
<td>Jan-18</td>
<td></td>
</tr>
<tr>
<td>Northwoods Energy</td>
<td>Upstream</td>
<td>Owner and operator of oil and gas assets in the United States.</td>
<td>Jan-18</td>
<td>Powder River Basin</td>
</tr>
<tr>
<td>Chisholm Oil &amp; Gas</td>
<td>Upstream</td>
<td>The company explores and develops oil and gas properties in Oklahoma.</td>
<td>Mar-17</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>American Petroleum Partners</td>
<td>Upstream</td>
<td>Operator of an exploration and production company.</td>
<td>Sep-15</td>
<td>Eastern US (Utica and Marcellus shales)</td>
</tr>
<tr>
<td>Express Energy Services</td>
<td>Services</td>
<td>Provider of rental equipment and support services to the oil and gas industry.</td>
<td>Nov-14</td>
<td></td>
</tr>
<tr>
<td>Jupiter Resources</td>
<td>Upstream</td>
<td>Owner of oil and gas exploration and production company</td>
<td>Sep-14</td>
<td>Canada</td>
</tr>
<tr>
<td>Company</td>
<td>Sector</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
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</tr>
<tr>
<td>Energy &amp; Exploration Partners</td>
<td>Upstream</td>
<td>18,300 acres of energy exploration located in Houston and Madison Counties, Texas.</td>
<td>Jul-14</td>
<td>Texas</td>
</tr>
<tr>
<td>Caelus Energy</td>
<td>Upstream</td>
<td>Explorer of oil and gas in Alaska.</td>
<td>Apr-14</td>
<td>Alaska</td>
</tr>
<tr>
<td>NRI Management Group</td>
<td>Mining</td>
<td>Provider of coal, iron ore and other bulk minerals mining services.</td>
<td>Jan-13</td>
<td></td>
</tr>
<tr>
<td>EP Energy Global</td>
<td>Upstream</td>
<td>Exploration and production company engaged in the acquisition and development of unconventional onshore oil and natural gas properties.</td>
<td>May-12</td>
<td>US</td>
</tr>
<tr>
<td>Talos Energy (NYS: TALO)</td>
<td>Upstream</td>
<td>The company engages in the exploration, development and production of oil and natural gas properties.</td>
<td>Apr-12</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Zenergy</td>
<td>Upstream</td>
<td>Acquirer and developer of oil and natural gas properties.</td>
<td>Jun-04</td>
<td>Oklahoma, Arkansas, Louisiana and Texas</td>
</tr>
</tbody>
</table>
## Asset Manager: Carlyle Group

AUM: $224 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
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</thead>
<tbody>
<tr>
<td>Compañía Española de Petróleos (CEPSA)</td>
<td>Downstream</td>
<td>Operator of a Spanish energy company engaged in the exploration and production of crude oil.</td>
<td>Oct-19</td>
<td>Spain</td>
</tr>
<tr>
<td>Altus Midstream</td>
<td>Midstream</td>
<td>Owns natural gas gathering, processing, and transmission assets including transmission and gathering pipelines, compressor stations, mechanical refrigeration units, cryogenic units and associated gas treatment facilities</td>
<td>Jun-19</td>
<td>Permian Basin of West Texas</td>
</tr>
<tr>
<td>Stratum Reservoir</td>
<td>Services</td>
<td>Provider of laboratory services intended to deliver scientific insights about the rocks and fluids prevalent in all natural resources.</td>
<td>Apr-19</td>
<td></td>
</tr>
<tr>
<td>Enermech Group Ltd.</td>
<td>Services</td>
<td>Provider of laboratory services intended to deliver scientific insights about the rocks and fluids prevalent in all natural resources.</td>
<td>Jan-19</td>
<td>California, Louisiana, and offshore Gulf of Mexico.</td>
</tr>
<tr>
<td>Crimson Midstream</td>
<td>Midstream</td>
<td>Provider of crude oil transportation and storage services</td>
<td>Jan-19</td>
<td>California, Louisiana, and offshore Gulf of Mexico.</td>
</tr>
<tr>
<td>Lone Star Port</td>
<td>Midstream</td>
<td>Developer of a crude oil export terminal.</td>
<td>Oct-18</td>
<td>Texas</td>
</tr>
<tr>
<td>Diamondback Energy and Carlyle (Joint Venture)</td>
<td>Upstream</td>
<td>Developer of oil and gas assets</td>
<td>Sep-18</td>
<td>San Pedro area of Pecos County, Texas (Permian Basin)</td>
</tr>
<tr>
<td>COG Energy</td>
<td>Upstream</td>
<td>The company is primarily engaged in the production and exploration of light and medium-light oil from various oil basins in South America.</td>
<td>Dec-17</td>
<td>Colombia</td>
</tr>
<tr>
<td>Black Stone Minerals</td>
<td>Upstream</td>
<td>Black Stone Minerals LP is a US-based oil and natural gas mineral company.</td>
<td>Nov-17</td>
<td>Gulf Coast of Texas and Louisiana, Northeast United States, Alaska’s Cook Inlet and North Slope</td>
</tr>
<tr>
<td>Hilcorp Energy</td>
<td>Upstream</td>
<td>Producer of oil and natural gas. The company operates an oil and natural gas exploration and production fields in the United States.</td>
<td>Jul-17</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
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</tr>
<tr>
<td>Elgin Energy Center</td>
<td>Power generation</td>
<td>A 484-megawatt power generation facility located in Elgin.</td>
<td>Jul-17</td>
<td>Illinois</td>
</tr>
<tr>
<td>Chesapeake Energy Corporation</td>
<td>Upstream</td>
<td>Chesapeake Energy Corp is a US-based exploration and production company.</td>
<td>Jun-17</td>
<td>Pennsylvania, Ohio, Louisiana, Texas, Oklahoma, Wyoming</td>
</tr>
<tr>
<td>EOG Resources</td>
<td>Upstream</td>
<td>EOG Resources is an oil and gas producer with acreage in several U.S. shale plays, including the Permian Basin, the Eagle Ford, and the Bakken.</td>
<td>May-17</td>
<td>Permian Basin, the Eagle Ford, and the Bakken.</td>
</tr>
<tr>
<td>Assala Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas, exploration and production company.</td>
<td>Jan-17</td>
<td></td>
</tr>
<tr>
<td>RelaDyne</td>
<td>Downstream</td>
<td></td>
<td>Jan-19</td>
<td></td>
</tr>
<tr>
<td>Mazarine Energy</td>
<td>Upstream</td>
<td>Operator of private oil and gas exploration and production company.</td>
<td>May-16</td>
<td>Europe</td>
</tr>
<tr>
<td>Shell Tongyi (Beijing) Petroleum Chemical</td>
<td>Downstream</td>
<td>Manufacturer of petrochemical products.</td>
<td>Nov-15</td>
<td>China</td>
</tr>
<tr>
<td>Black Sea Oil &amp; Gas</td>
<td>Upstream</td>
<td>Provider of offshore drilling and energy infrastructure construction services</td>
<td>Aug-15</td>
<td>Romanian Black Sea</td>
</tr>
<tr>
<td>Neptune Energy</td>
<td>Upstream</td>
<td>Operator of an independent oil and gas exploration and production company.</td>
<td>Jun-15</td>
<td>North Sea, North Africa and SouthEast Asia</td>
</tr>
<tr>
<td>Magna Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas development and production company. The company is focused on securing local licenses and building acreage positions in the Indian subcontinent.</td>
<td>Jun-15</td>
<td>Indian subcontinent</td>
</tr>
<tr>
<td>NGP Energy Capital</td>
<td>Energy investment</td>
<td>Provider of private equity investment services intended for growth of companies. The company’s private equity investment services include direct equity investments in the energy sector, enabling the companies to get support and resources</td>
<td>Jan-15</td>
<td>Global</td>
</tr>
<tr>
<td>Southeast PowerGen</td>
<td>Power generation</td>
<td>Operator of natural gas-fired plants.</td>
<td>Dec-14</td>
<td>Southeast US</td>
</tr>
<tr>
<td>Company</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Region</td>
</tr>
<tr>
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</tr>
<tr>
<td>Varo Energy</td>
<td>Midstream, downstream</td>
<td>Operator of the oil refineries and related marketing, storage and pipeline assets in Europe</td>
<td>Dec-13</td>
<td>Europe</td>
</tr>
<tr>
<td>Discover Exploration</td>
<td>Upstream</td>
<td>Provider of energy-exploration services.</td>
<td>Dec-13</td>
<td>Sub-Saharan Africa, Indian Ocean</td>
</tr>
<tr>
<td>Midway Peaking</td>
<td>Power generation</td>
<td>A 120 MW simple-cycle peaking plant.</td>
<td>Dec-13</td>
<td>California</td>
</tr>
<tr>
<td>Philadelphia Energy Solutions</td>
<td>Downstream</td>
<td>Operator of two domestic refineries - Girard Point and Point Breeze in South Philadelphia.</td>
<td>Sep-12</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Legend Production</td>
<td>Upstream</td>
<td>Owner and operator of 390 oil producing wells and approximately 52,000 net acres in the Fort Worth Basin of Texas.</td>
<td>May-11</td>
<td>Fort Worth Basin of Texas.</td>
</tr>
</tbody>
</table>
Asset Manager: KKR & Co.

AUM: $218 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
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<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal Gaslink Pipeline</td>
<td>Midstream</td>
<td>670 kilometers pipeline project delivering natural gas across Northern British Columbia.</td>
<td>Dec-19</td>
<td>Canada</td>
</tr>
<tr>
<td>Abu Dhabi National Oil Company</td>
<td>Midstream</td>
<td>18 pipelines transporting crude oil and condensates</td>
<td>Jun-19</td>
<td>Abu Dhabi</td>
</tr>
<tr>
<td>Spur Energy Partners</td>
<td>Upstream</td>
<td>Operator of an oil and gas assets company.</td>
<td>May-19</td>
<td>New Mexico</td>
</tr>
<tr>
<td>Williston Basin Oil and Gas</td>
<td>Upstream</td>
<td>Producing and undeveloped oil and gas assets in the Williston Basin.</td>
<td>May-19</td>
<td>Montana</td>
</tr>
<tr>
<td>JBF Petrochemicals</td>
<td>Petrochemical</td>
<td>The company’s chemicals are used across industries such as paints and polyester fiber.</td>
<td>Aug-18</td>
<td>India</td>
</tr>
<tr>
<td>SemCAMS Midstream</td>
<td>Midstream</td>
<td>Operator of natural gas processing plants in Canada.</td>
<td>Jan-19</td>
<td>Canada</td>
</tr>
<tr>
<td>LCY Chemical</td>
<td>Petrochemical</td>
<td>LCY Chemical Corp manufactures and sells a variety of chemicals, plastics, and chemical-based products.</td>
<td>Jan-19</td>
<td>Taiwan</td>
</tr>
<tr>
<td>Discovery Midstream Partners</td>
<td>Midstream</td>
<td>Operator of a full-service midstream oil and gas company.</td>
<td>Jul-18</td>
<td>Texas</td>
</tr>
<tr>
<td>Joulon</td>
<td>Services</td>
<td>The company provides individual products and integrated end to end asset management services to the oil and gas industry in United Arab Emirates and worldwide.</td>
<td>Dec-17</td>
<td>United Arab Emirates</td>
</tr>
<tr>
<td>NextEra Energy Partners</td>
<td>Midstream, renewable</td>
<td>NextEra Energy Partners LP is a limited partnership formed to acquire, manage and own contracted clean energy projects. It owns interests in wind and solar projects in North America, as well as natural gas infrastructure assets in Texas.</td>
<td>Sep-17</td>
<td>North America</td>
</tr>
<tr>
<td>Covey Park Energy</td>
<td>Upstream</td>
<td>Operator and explorer of oil and gas reserves.</td>
<td>Feb-17</td>
<td>ArkLaTex, Permian and MidContinent regions</td>
</tr>
<tr>
<td>Company Name</td>
<td>Industry</td>
<td>Description</td>
<td>Sector</td>
<td>Region</td>
</tr>
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</tr>
<tr>
<td>Venado Oil &amp; Gas</td>
<td>Upstream</td>
<td>Operator of oil and gas exploration company in the United States.</td>
<td>Oct-16</td>
<td>Texas</td>
</tr>
<tr>
<td>Sirti</td>
<td>Services, Power transmission</td>
<td>Provider of service development services in telecommunications, transport, energy and technological infrastructure markets.</td>
<td>Aug-16</td>
<td></td>
</tr>
<tr>
<td>Trans European Oil &amp; Gas</td>
<td>Upstream</td>
<td>Developer and operator of oil and gas properties.</td>
<td>Nov-15</td>
<td>Europe</td>
</tr>
<tr>
<td>Monterra Energy (Developer and builder of midstream infrastructure)</td>
<td>Midstream</td>
<td>Developer and builder of midstream infrastructure.</td>
<td>May-15</td>
<td>Texas</td>
</tr>
<tr>
<td>Mandala Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company in Singapore.</td>
<td>Mar-15</td>
<td>Southeast Asia</td>
</tr>
<tr>
<td>Montage Resources</td>
<td>Upstream</td>
<td>Exploration and production company</td>
<td>Feb-15</td>
<td>Ohio, Pennsylvania, West Virginia</td>
</tr>
<tr>
<td>Veresen Midstream</td>
<td>Midstream</td>
<td>The company offers transportation, processing and logistic services for natural gas resources.</td>
<td>Dec-14</td>
<td>British Columbia</td>
</tr>
<tr>
<td>OEG Offshore</td>
<td>Services</td>
<td>Provider of offshore cargo carrying units and equipment for the oil and gas industry.</td>
<td>Jul-14</td>
<td></td>
</tr>
<tr>
<td>Longview Power</td>
<td>Power generation</td>
<td>Operator of a coal-powered energy generation unit.</td>
<td>Mar-14</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Fleur de Lis Energy</td>
<td>Upstream</td>
<td>Fleur de Lis Energy is a private energy firm that engages in the acquisition, exploitation and production of conventional and unconventional oil and gas assets in North America.</td>
<td>Mar-14</td>
<td>North America</td>
</tr>
<tr>
<td>Torq Energy Logistics</td>
<td>Midstream</td>
<td>Operator of transloading terminals in Canada.</td>
<td>Dec-13</td>
<td>Canada</td>
</tr>
<tr>
<td>FlowStream Commodities</td>
<td>Upstream</td>
<td>Developer of oil and gas streams.</td>
<td>Oct-13</td>
<td></td>
</tr>
<tr>
<td>EXCO Resources</td>
<td>Upstream</td>
<td>EXCO Resources Inc is an oil and gas exploration and production company.</td>
<td>Jul-13</td>
<td>Texas, Louisiana, and the Appalachian region</td>
</tr>
<tr>
<td>Haymaker Minerals &amp; Royalties</td>
<td>Upstream</td>
<td>Operator of oil and gas wells. The company primarily focuses on purchasing minerals and royalties from all types of mineral owners.</td>
<td>May-13</td>
<td></td>
</tr>
<tr>
<td>Company Name</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
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</tr>
<tr>
<td>Westbrick Energy</td>
<td>Upstream</td>
<td>Provider energy exploration services.</td>
<td>Nov-12</td>
<td>Canada</td>
</tr>
<tr>
<td>Acteon Group</td>
<td>Services</td>
<td>Provider of subsea services to the offshore oil and gas industry.</td>
<td>Oct-12</td>
<td></td>
</tr>
<tr>
<td>Comstock Resources</td>
<td>Upstream</td>
<td>Comstock Resources Inc is engaged in the acquisition, development, production, and exploration of oil and natural gas.</td>
<td>Jul-12</td>
<td>Texas</td>
</tr>
<tr>
<td>Portfolio of oil and gas properties in Texas, Mississippi and Louisiana</td>
<td>Upstream</td>
<td>Provider of oil and natural gas services intended to explore, develop and produce oil and natural gas from properties located onshore in the United States.</td>
<td>Feb-12</td>
<td>Texas, Mississippi and Louisiana</td>
</tr>
<tr>
<td>Samson Resources</td>
<td>Upstream</td>
<td></td>
<td>Dec-11</td>
<td>Williston, Powder River, Greater Green River, San Juan, Anadarko and East Texas basins</td>
</tr>
<tr>
<td>Premier Natural Resources</td>
<td>Upstream</td>
<td></td>
<td>Nov-10</td>
<td>Texas</td>
</tr>
</tbody>
</table>
### Asset Manager: Ares Management

AUM: $144 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paradigm Energy Partners</td>
<td>Midstream</td>
<td>Operator of midstream assets in the Bakken Shale in North Dakota and the Eagle Ford in South Texas.</td>
<td>Sep-18</td>
<td>North Dakota, Texas</td>
</tr>
<tr>
<td>Admiral Permian Resources</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas exploration and production company in the Permian Basin.</td>
<td>Apr-18</td>
<td>Permian Basin (Texas)</td>
</tr>
<tr>
<td>California Resources</td>
<td>Upstream</td>
<td>California Resources produces oil and natural gas in California.</td>
<td>Jan-18</td>
<td>California</td>
</tr>
<tr>
<td>Development Capital Resource</td>
<td>Upstream</td>
<td>Operator of oil &amp; gas company created to provide development capital to North-American E&amp;P operators.</td>
<td>Apr-17</td>
<td>North America</td>
</tr>
<tr>
<td>Boart Longyear</td>
<td>Services</td>
<td>Boart Longyear Ltd is a U.S.-based ASX-listed company with large market shares in the global mineral drilling services and drilling equipment industries.</td>
<td>Mar-17</td>
<td>Australia</td>
</tr>
<tr>
<td>Chisholm Oil &amp; Gas</td>
<td>Upstream</td>
<td>The company explores and develops oil and gas properties in Oklahoma.</td>
<td>Mar-17</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Epic Midstream</td>
<td>Midstream</td>
<td>Operator of a midstream infrastructure company. The company builds, owns and operates crude oil pipelines in both the Permian and Eagle Ford Basins.</td>
<td>Jan-17</td>
<td>Permian and Eagle Ford Basins (Texas)</td>
</tr>
<tr>
<td>Salt Creek Midstream</td>
<td>Midstream</td>
<td>Operator of a full service midstream in Houston, Texas. The company offers gas and crude gathering, compression, cryogenic processing and treating services.</td>
<td>Jan-17</td>
<td>Texas</td>
</tr>
<tr>
<td>Verdad Oil and Gas</td>
<td>Upstream</td>
<td>Operator of an independent oil and gas exploration and development company.</td>
<td>Jan-17</td>
<td>Texas</td>
</tr>
<tr>
<td>Halcon Resources</td>
<td>Upstream</td>
<td>Halcon Resources is an independent oil and gas producer operating exclusively in the Delaware Basin.</td>
<td>Jul-16</td>
<td>Texas</td>
</tr>
<tr>
<td>Linden Cogen Holdings</td>
<td>Power generation</td>
<td>A 972-megawatt natural gas-fired cogeneration complex in Linden, New Jersey.</td>
<td>Sep-15</td>
<td>New Jersey</td>
</tr>
<tr>
<td>Ares EIF Group</td>
<td>Energy investment</td>
<td>Provider of private equity funds to the power industry.</td>
<td>Jan-15</td>
<td>North America</td>
</tr>
<tr>
<td>Oregon Clean Energy Center</td>
<td>Power Generation</td>
<td>A 869 mega watt natural gas-fired electric power plant located in Oregon, Ohio. The project is capable of producing up to 961 mega watt and is an efficient generating facility in the mid-Atlantic power markets.</td>
<td>Nov-14</td>
<td>Ohio</td>
</tr>
<tr>
<td>BlackBrush Oil &amp; Gas</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and development company.</td>
<td>Jun-14</td>
<td>South Texas</td>
</tr>
<tr>
<td>EXCO Resources</td>
<td>Upstream</td>
<td>EXCO Resources Inc is an oil and gas exploration and production company.</td>
<td>Jul-13</td>
<td>Texas, Louisiana, and the Appalachian region</td>
</tr>
<tr>
<td>True Oil Company</td>
<td>Upstream</td>
<td>Owner and operator of oil and gas exploration sites.</td>
<td>Dec-13</td>
<td>Permian Basin</td>
</tr>
</tbody>
</table>
**Asset Manager: Oaktree Capital (part of Brookfield Asset Management)**

AUM: $125 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proserv</td>
<td>Services</td>
<td>Manufacturer of subsea production equipment and related products.</td>
<td>Mar-18</td>
<td></td>
</tr>
<tr>
<td>DDH1 Drilling</td>
<td>Services</td>
<td>Provider of deep directional mineral drilling services intended to identify and extend resources, reserves and mining plans for Australia’s exploration and mining industry.</td>
<td>Jul-17</td>
<td>Australia</td>
</tr>
<tr>
<td>Iona Energy</td>
<td>Upstream</td>
<td>Iona Energy Inc is a junior oil and gas company.</td>
<td>May-17</td>
<td>UK North Sea, Alaska.</td>
</tr>
<tr>
<td>Charger Shale Oil</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company.</td>
<td>Aug-16</td>
<td>Delaware basin (Texas)</td>
</tr>
<tr>
<td>Halcon Resources</td>
<td>Upstream</td>
<td>Halcon Resources is an independent oil and gas producer operating exclusively in the Delaware Basin.</td>
<td>Jul-16</td>
<td>Texas</td>
</tr>
<tr>
<td>EXCO Resources</td>
<td>Upstream</td>
<td>EXCO Resources Inc is an oil and gas exploration and production company.</td>
<td>Jul-13</td>
<td>Texas, Louisiana, and the Appalachian region</td>
</tr>
<tr>
<td>Harkand Group</td>
<td>Services</td>
<td>Provider of inspection, repair and maintenance (IRM) services for the oil, gas and renewable-energy industry.</td>
<td>Feb-13</td>
<td></td>
</tr>
<tr>
<td>Wildcat Midstream Partners</td>
<td>Midstream</td>
<td>Provider of midstream energy and pipeline development services.</td>
<td>Jan-13</td>
<td>Texas</td>
</tr>
<tr>
<td>Recurve Energy Asset Management</td>
<td>Power generation</td>
<td>Operator of natural gas fired energy facilities.</td>
<td>May-11</td>
<td></td>
</tr>
<tr>
<td>Caerus Oil and Gas</td>
<td>Upstream</td>
<td>Owner and developer of upstream oil and gas assets.</td>
<td>Jan-09</td>
<td></td>
</tr>
</tbody>
</table>
Asset Manager: TPG Capital

AUM: $119 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blackline Midstream</td>
<td>Midstream</td>
<td>The company was created with the purpose of acquiring and developing oil and gas midstream infrastructure assets.</td>
<td>Nov-17</td>
<td>North America</td>
</tr>
<tr>
<td>Jonah Energy</td>
<td>Upstream</td>
<td>Operator of onshore oil and gas producing properties.</td>
<td>Jan-14</td>
<td>Jonah Field in Sublette County, Wyoming</td>
</tr>
<tr>
<td>Iona Energy</td>
<td>Upstream</td>
<td>Iona Energy Inc is a junior oil and gas company.</td>
<td>May-17</td>
<td>UK North Sea, Alaska.</td>
</tr>
<tr>
<td>Midland Basin assets</td>
<td>Upstream</td>
<td>A portfolio of oil and gas assets in Midland, Texas.</td>
<td>May-16</td>
<td>Texas</td>
</tr>
<tr>
<td>CHK Cleveland Tonkawa</td>
<td>Upstream</td>
<td>Operator of natural gas and related services.</td>
<td>Mar-12</td>
<td>US</td>
</tr>
<tr>
<td>Rockall Energy</td>
<td>Upstream</td>
<td>Rockall Energy is an acquirer and operator of oil and gas producing properties</td>
<td>Oct-10</td>
<td>US</td>
</tr>
</tbody>
</table>
## Asset Manager: CVC Capital

AUM: $80.5 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repsol</td>
<td>Upstream</td>
<td>Repsol is a Spanish integrated oil and gas firm.</td>
<td>May-18</td>
<td>Spain</td>
</tr>
<tr>
<td>CLH Group</td>
<td>Midstream</td>
<td>Provider of transportation and storage facilities intended to distribute fuels and liquid fuels in a continuous, efficient and safe manner.</td>
<td>Apr-17</td>
<td>Europe</td>
</tr>
<tr>
<td>PKP Energetyka</td>
<td>Power generation, power transmission</td>
<td>Owner and operator of an electricity supply, transmission and distribution network.</td>
<td>Jul-15</td>
<td>Poland</td>
</tr>
<tr>
<td>Neptune Energy</td>
<td>Upstream</td>
<td>Operator of an independent oil and gas exploration and production company.</td>
<td>Jun-15</td>
<td>North Sea, North Africa and SouthEast Asia</td>
</tr>
<tr>
<td>Mitchell Services</td>
<td>Services</td>
<td>Mitchell Services Ltd provides drilling services to the exploration, mining, and energy industries.</td>
<td>Aug-14</td>
<td>Australia</td>
</tr>
</tbody>
</table>
## Asset Manager: Warburg Pincus

**AUM:** $58 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citizen Energy/ Roan Resources</td>
<td>Upstream</td>
<td>Operator of an oil and gas company.</td>
<td>Oct-19</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>WildFire Energy</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company.</td>
<td>Jul-19</td>
<td>Texas</td>
</tr>
<tr>
<td>Ossidiana Energy</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company. The company’s focus lies in unconventional assets in liquids-weighted Rockies basins.</td>
<td>Jan-19</td>
<td>Rockies basins</td>
</tr>
<tr>
<td>Tall City Exploration</td>
<td>Upstream</td>
<td>Explorer of oil and gas assets in the Permian Basin of West Texas.</td>
<td>Sep-18</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Artis Exploration</td>
<td>Upstream</td>
<td>Provider of oil &amp; gas exploration and production services.</td>
<td>May-18</td>
<td>Duvernay East Shale Basin of Western Canada</td>
</tr>
<tr>
<td>Ridge Runner Resources</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company.</td>
<td>Feb-18</td>
<td>Delaware Basin (Texas)</td>
</tr>
<tr>
<td>Stronghold Energy Partners</td>
<td>Upstream</td>
<td>Operator of a oil and gas investment company.</td>
<td>Jan-18</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>SemGroup</td>
<td>Midstream</td>
<td>Semgroup Corp provides gathering, transportation, storage, distribution, marketing, and other midstream services to producers, refiners of petroleum products, and other market participants located in the United States and Canada.</td>
<td>Jan-18</td>
<td>North America</td>
</tr>
<tr>
<td>ATX Energy Partners</td>
<td>Upstream</td>
<td>Provider of oil exploration services. The company undertakes exploration, acquisition and maintenance of large oil assets in previously unexplored areas beyond west Texas and central Oklahoma.</td>
<td>Dec-17</td>
<td>West Texas and central Oklahoma</td>
</tr>
<tr>
<td>Canbriam Energy</td>
<td>Upstream</td>
<td>Operator of a natural gas exploration and production company.</td>
<td>Jun-17</td>
<td>Canada (Altares Montney of Northeast British Columbia)</td>
</tr>
<tr>
<td>Ensign Natural Resources</td>
<td>Upstream</td>
<td>Operator of a portfolio of oil and gas assets.</td>
<td>Jan-17</td>
<td>Texas</td>
</tr>
<tr>
<td>Company</td>
<td>Sector</td>
<td>Description</td>
<td>Date</td>
<td>Region</td>
</tr>
<tr>
<td>----------------------------------------------</td>
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<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Delonex Energy UK</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production services in Central and East Africa.</td>
<td>Nov-16</td>
<td>Africa</td>
</tr>
<tr>
<td>Trident Energy Management</td>
<td>Upstream</td>
<td>Operator of a portfolio of oil and gas assets.</td>
<td>Jul-16</td>
<td>Brazil, Africa</td>
</tr>
<tr>
<td>Apex International Energy Management</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company. The company's offerings include exploring, drilling and enhancing production through asset acquisitions and capital investments, thus helping to deliver long-term profitable growth in production and reserves in the Middle East and North Africa.</td>
<td>May-16</td>
<td>Middle East, North Africa</td>
</tr>
<tr>
<td>RimRock Oil &amp; Gas</td>
<td>Upstream</td>
<td></td>
<td>Feb-16</td>
<td>North America</td>
</tr>
<tr>
<td>Terra Energy Partners</td>
<td>Upstream</td>
<td>Operator of an onshore oil and gas exploration and production company. The company is focused on the acquisition and development of legacy producing oil and gas assets in North America.</td>
<td>Feb-16</td>
<td>North America</td>
</tr>
<tr>
<td>Chisholm Energy Holdings</td>
<td>Upstream</td>
<td>Operator of oil and gas production company.</td>
<td>Jan-16</td>
<td>Delaware Basin (Texas, New Mexico)</td>
</tr>
<tr>
<td>MainSail Energy</td>
<td>Upstream</td>
<td>Operator of exploration and production company focused on the acquisition and development of unconventional oil and gas assets in Western Canada.</td>
<td>Jan-16</td>
<td>Western Canada (Montney and Cretaceous formations in the Deep Basin)</td>
</tr>
<tr>
<td>Rubicon Oilfield International</td>
<td>Services</td>
<td>Rubicon Oilfield International is an operator of an oilfield service company. It offers products for drilling solutions such as drill bits, drill enhancement, cementing accessories, wellbore clean-up, downhole power systems.</td>
<td>Dec-15</td>
<td>US, Argentina</td>
</tr>
<tr>
<td>Company</td>
<td>Sector</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
</tr>
<tr>
<td>--------------------------------</td>
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<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>RS Energy Group</td>
<td>Services</td>
<td>Provider of research services for the oil and gas industry. The company’s services include integrated, objective analysis and insight to every level of an exploration and production (E&amp;P) organization, enabling financial investors, major independent producers, national oil companies, royalty trusts, Master Limited partnership (MLP), mineral owners, midstream companies and pipelines to make well-informed decisions.</td>
<td>Dec-15</td>
<td></td>
</tr>
<tr>
<td>Independence Resources Management</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration services. The company pursues onshore oil and gas acquisition and farm-in and play extension opportunities in the Mid-Continent and Rockies regions of the United States, with an initial focus on the Anadarko and Permian Basins.</td>
<td>Mar-15</td>
<td></td>
</tr>
<tr>
<td>Velvet Energy</td>
<td>Upstream</td>
<td>Operator of oil and gas exploration company. The company is focused on oil and liquids-rich natural gas in the Deep Basin of Alberta, Canada.</td>
<td>Jan-15</td>
<td></td>
</tr>
<tr>
<td>Zenith Energy Management</td>
<td>Midstream</td>
<td>Operator of midstream energy terminals.</td>
<td>Aug-14</td>
<td></td>
</tr>
<tr>
<td>Navitas Midstream Partners</td>
<td>Midstream</td>
<td>Operator of a midstream oil and gas company seeking to develop, acquire, and operate midstream assets across multiple basins in North America.</td>
<td>Jun-14</td>
<td></td>
</tr>
<tr>
<td>CAGR Gas</td>
<td>Utility</td>
<td>Operator of a gas utility company. The company focuses on city gas distribution, regional gas pipelines, and natural gas vehicle refueling stations in China.</td>
<td>Jan-14</td>
<td></td>
</tr>
<tr>
<td>Brigham Minerals (NYS: MNRL)</td>
<td>Upstream</td>
<td>Brigham Minerals Inc is a mineral acquisition company focused on acquiring oil and gas mineral rights in the United States. Its portfolio is comprised of mineral and royalty interests in the continental United States.</td>
<td>Apr-13</td>
<td></td>
</tr>
</tbody>
</table>

Contact: Jim Baker, 312-933-0230
jim.baker@PEstakeholder.org
<table>
<thead>
<tr>
<th>Company</th>
<th>Industry</th>
<th>Description</th>
<th>Date</th>
<th>Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>CASA Exploration</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration services in the Houston region of Texas. The company provides oil extraction and natural gas exploration and development services with a particular focus on material exploration and early development projects in Latin America.</td>
<td>Mar-13</td>
<td>Latin America</td>
</tr>
<tr>
<td>Floridian Natural Gas Storage</td>
<td>Midstream</td>
<td>Provider of natural gas storage services. The company provides storage facilities in Florida for users of clean-burning, economical liquefied natural gas.</td>
<td>Sep-12</td>
<td>Florida</td>
</tr>
<tr>
<td>Hawkwood Energy</td>
<td>Upstream</td>
<td>Operator of an independent exploration and production (E&amp;P) company focused on acquiring and economically developing oil and natural gas resources in East Texas.</td>
<td>Aug-12</td>
<td>East Texas</td>
</tr>
<tr>
<td>Endurance Energy</td>
<td>Upstream</td>
<td>Operator of an early-stage exploration and production company focused on the acquisition and development of natural gas assets in the Western Canadian Sedimentary Basin.</td>
<td>May-12</td>
<td>Canada (Western Canadian Sedimentary Basin)</td>
</tr>
<tr>
<td>Venari Resources</td>
<td>Upstream</td>
<td>Owner and operator of an oil exploration and production company. The company explores and develops non-operating oil exploration sites on the prolific oil-prone subsalt region in the Gulf of Mexico, United States.</td>
<td>May-12</td>
<td>Gulf of Mexico, United States.</td>
</tr>
<tr>
<td>Diligent Power</td>
<td>Power generation</td>
<td>Developer of power projects intended to generate electricity. The company’s coal based thermal plants is committed to set up facilities to generate around 5000 MW of coal-based electric power.</td>
<td>May-11</td>
<td>India</td>
</tr>
<tr>
<td>Black Swan Energy</td>
<td>Upstream</td>
<td>Owner and operator of an energy exploration company intended to explore and develop proven hydrocarbon trends in the Western Canadian Sedimentary Basin.</td>
<td>Apr-11</td>
<td>Canada (Western Canadian Sedimentary Basin)</td>
</tr>
<tr>
<td>Company</td>
<td>Sector</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
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</tr>
<tr>
<td>Osum Oil Sands Corp</td>
<td>Upstream</td>
<td>Operator of an energy company engaged in Canadian oil sands development.</td>
<td>Mar-11</td>
<td>Cold Lake region</td>
</tr>
<tr>
<td>American International Industries (PINX: AMIN)</td>
<td>Upstream</td>
<td>The company has interests in industrial, oil and gas, oilfield supply and service companies, and interests in an undeveloped real estate in the Galveston Bay, Texas area.</td>
<td>Dec-10</td>
<td>Galveston Bay, Texas area</td>
</tr>
<tr>
<td>IMC (India)</td>
<td>Midstream</td>
<td>Provider of bulk liquid storage services for oil and gas, chemical and other industries.</td>
<td>Oct-10</td>
<td>India</td>
</tr>
<tr>
<td>Kosmos Energy</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production company focused on frontier and emerging areas along the Atlantic Margin.</td>
<td>Jun-08</td>
<td>West Africa</td>
</tr>
<tr>
<td>Antero Resources (NYS: AR)</td>
<td>Upstream</td>
<td>Antero Resources, based in Denver, engages in the exploration for and production of natural gas and natural gas liquids in the United States and Canada.</td>
<td>Aug-07</td>
<td>North America</td>
</tr>
<tr>
<td>Laredo Petroleum (NYS: LPI)</td>
<td>Upstream</td>
<td>Laredo Petroleum is an independent oil and gas producer in the United States.</td>
<td>Jul-07</td>
<td>Permian (Midland) Basin</td>
</tr>
<tr>
<td>ACB (India)</td>
<td>Power generation</td>
<td>Provider of coal beneficiation services focused on washing, processing and removing impurities from coal. The company provides power generation services by commissioning over 300 megawatts of capacity which are primarily fueled by coal rejects, a term given to lower grade coal which emerges as a by-product of the beneficiation process. It also provides power generation services through its wind power plant.</td>
<td>Mar-06</td>
<td>India</td>
</tr>
</tbody>
</table>
### Asset Manager: Macquarie Infrastructure & Real Assets

AUM: $119 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pisto</td>
<td>Midstream</td>
<td>Owner and operator of oil storage and transportation facilities intended to supply crude oil and refined products.</td>
<td>Feb-18</td>
<td>France</td>
</tr>
<tr>
<td>California Oil &amp; gas properties</td>
<td>Upstream</td>
<td>Operator of oil and gas properties in California.</td>
<td>Apr-17</td>
<td>California</td>
</tr>
<tr>
<td>CLH Group</td>
<td>Midstream</td>
<td>Provider of transportation and storage facilities intended to distribute fuels and liquid fuels in a continuous, efficient and safe manner.</td>
<td>Apr-17</td>
<td>Europe</td>
</tr>
<tr>
<td>EP Infrastructure</td>
<td>Utility</td>
<td>The company is focused on gas transmission, gas and power distribution, heat and power generation and gas storage.</td>
<td>Mar-17</td>
<td>Czech Republic</td>
</tr>
<tr>
<td>Società Gasdotti Italia</td>
<td>Midstream</td>
<td>Provider of natural gas transmission and distribution services based in Frosinone, Italy. The company offers transportation of natural gas through a pipeline network of high pressure for a length of about 1,550 km in southern and central Italy.</td>
<td>Sep-16</td>
<td>Italy</td>
</tr>
<tr>
<td>Ind-Barath Energy (Utkal)</td>
<td>Power generation</td>
<td>A 700 megawatt coal-based thermal power project located in Jharsuguda, India.</td>
<td>Jul-15</td>
<td>India</td>
</tr>
<tr>
<td>Cleco Corporate Holdings</td>
<td>Power generation, Midstream</td>
<td>Operator of a regulated utility company headquartered in Pineville, Louisiana. The company owns nine generating units with a total nameplate capacity of 3,310 megawatts, 11,935 miles of distribution lines and 1,317 miles of transmission lines.</td>
<td>Apr-16</td>
<td>Louisiana</td>
</tr>
<tr>
<td>Energie Steiermark</td>
<td>Utility, Power Generation</td>
<td>Generator and distributor of electricity and natural gas in Austria. The company’s range of services include the production of electricity, heat and gas through hydroelectric, wind and photovoltaic plants and distribute them throughout Austria, enabling both commercial and</td>
<td>Nov-15</td>
<td>Austria</td>
</tr>
<tr>
<td>Company/Location</td>
<td>Industry/Type</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>--------------------------------</td>
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<td>------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Viesgo</td>
<td>Power generation, Utility</td>
<td>Operator of an energy company in Spain created to generate, distribute and supply energy</td>
<td>Mar-15</td>
<td>Spain</td>
</tr>
<tr>
<td>International Matex Tank and Terminal</td>
<td>Midstream</td>
<td>Provider of bulk liquid handling services and storage terminal facilities. The company operates 12 bulk liquid storage terminal facilities in North America with aggregate capacity of approximately 42 million barrels. It primarily serves the oil and gas industry.</td>
<td>Jul-14</td>
<td>New Orleans, LA</td>
</tr>
<tr>
<td>Severn Power Station</td>
<td>Power generation</td>
<td>A 832 Megawatt natural gas-fired power station located in Wales, United Kingdom.</td>
<td>Dec-13</td>
<td>UK</td>
</tr>
<tr>
<td>Helios Terminal</td>
<td>Midstream</td>
<td>Operator of an oil storage terminal.</td>
<td>Oct-13</td>
<td>Singapore</td>
</tr>
<tr>
<td>Jihomoravska Plynarenska</td>
<td>Utility, Midstream</td>
<td>Distributor of gas and other solid, liquid and gaseous fuels and related products. The company is engaged in the distribution and trading of natural gas primarily to the households, small businesses and industrial customers.</td>
<td>Dec-12</td>
<td>Czech Republic</td>
</tr>
<tr>
<td>innogy Grid Holding</td>
<td>Utility, Midstream</td>
<td>Provider of gas utility services in the Czech Republic.</td>
<td>Dec-12</td>
<td>Czech Republic</td>
</tr>
<tr>
<td>Leaf River Energy Center</td>
<td>Midstream</td>
<td>The company offers gas storage and hub services as well as salt cavern natural gas storage facility and pipeline infrastructure.</td>
<td>Dec-12</td>
<td></td>
</tr>
<tr>
<td>Open Grid Europe</td>
<td>Midstream</td>
<td>Provider of natural-gas transportation and other related services in Germany and Europe.</td>
<td>May-12</td>
<td>Europe</td>
</tr>
<tr>
<td>Enel Russia</td>
<td>Utility, Power Generation</td>
<td>Enel Russia PJSC is an international energy group engaged in the generation of electricity and heat.</td>
<td>Mar-12</td>
<td>Russia</td>
</tr>
<tr>
<td>GSR Energy</td>
<td>Utility, Power Generation</td>
<td>Operator of heat and power generation and heat distribution facilities in Saint-Petersburg, Russia.</td>
<td>Dec-11</td>
<td>Russia</td>
</tr>
<tr>
<td>Adhunik Power &amp; Natural Resources</td>
<td>Power generation</td>
<td>Operator of coal-based thermal power plant in India.</td>
<td>Aug-10</td>
<td>India</td>
</tr>
</tbody>
</table>
Asset Manager: Brookfield Asset Management

AUM: $309 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cove Point Terminal</td>
<td>Midstream</td>
<td>A liquefied natural gas (LNG) terminal with a storage capacity of 14.6 and a daily send-out capacity of 1.8 billion cubic feet, respectively.</td>
<td>Sep-19</td>
<td>Maryland</td>
</tr>
<tr>
<td>East West Pipeline</td>
<td>Midstream</td>
<td>Operator of gas pipeline in India.</td>
<td>Mar-19</td>
<td>India</td>
</tr>
<tr>
<td>Gas Natural (Colombia)</td>
<td>Utility</td>
<td>Gas Natural SA ESP is engaged in distribution and marketing of natural gas.</td>
<td>Jun-18</td>
<td>Colombia</td>
</tr>
<tr>
<td>A+H Petroleum Services</td>
<td>Services</td>
<td>Provider of construction and alteration services for fueling facilities.</td>
<td>May-18</td>
<td>Canada</td>
</tr>
<tr>
<td>CWC Energy Services</td>
<td>Services</td>
<td>CWC Energy Services Corp is a Canadian based oilfield services company</td>
<td>Dec-17</td>
<td>Western Canadian Sedimentary Basin (WCSB)</td>
</tr>
<tr>
<td>Nova Transportadora do Sudeste</td>
<td>Midstream</td>
<td>Operator of a natural gas pipeline system</td>
<td>Apr-17</td>
<td>Brazil</td>
</tr>
<tr>
<td>Warwick Gas Storage Business</td>
<td>Midstream</td>
<td>Operator of a gas-storage facility in Canada.</td>
<td>May-16</td>
<td>Canada</td>
</tr>
<tr>
<td>Lodi Gas Storage</td>
<td>Midstream</td>
<td>Owner and operator of natural gas storage facilities.</td>
<td>Dec-14</td>
<td>California</td>
</tr>
<tr>
<td>Enwave Energy</td>
<td>Utility, Power Generation</td>
<td>Provider of heating and cooling services to commercial, institutional and multi residential buildings.</td>
<td>Oct-12</td>
<td>Canada</td>
</tr>
<tr>
<td>Empresa De Energía De Boyacá</td>
<td>Utility, Power Generation</td>
<td>Operator of an integrated electricity company in Colombia. The company supplies electricity to more than 1.5 million people in the 123 municipalities of the Department of Boyacá through the distribution and commercialization of electric power.</td>
<td>Dec-11</td>
<td>Colombia</td>
</tr>
<tr>
<td>Ember Resources</td>
<td>Upstream</td>
<td>Explorer of natural gas reserves derived primarily from coalbed methane properties in Alberta, Canada.</td>
<td>Jun-11</td>
<td>Canada</td>
</tr>
</tbody>
</table>
## Asset Manager: Global Infrastructure Partners

**AUM:** $50 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noble Midstream Partners (NAS: NBLX)</td>
<td>Midstream</td>
<td>Noble Midstream Partners LP is to own, operate, develop and acquire a wide range of domestic midstream infrastructure assets</td>
<td>Mar-19</td>
<td>US</td>
</tr>
<tr>
<td>EnLink Midstream Partners</td>
<td>Midstream</td>
<td>Provider of midstream services.</td>
<td>Jul-18</td>
<td>Permian’s Midland and Delaware basins, Oklahoma’s Midcontinent, and Louisiana’s Gulf Coast.</td>
</tr>
<tr>
<td>Clearway Energy</td>
<td>Power generation, Renewable Power</td>
<td>Clearway Energy Inc, formerly NRG Yield Inc is an electric utility company that owns, operates, and acquires contracted renewable and conventional energy generation and thermal infrastructure assets across the U.S.</td>
<td>Aug-18</td>
<td>US</td>
</tr>
<tr>
<td>EnLink Midstream, EnLink Midstream Partners</td>
<td>Midstream</td>
<td>Provider of midstream services.</td>
<td>Jul-18</td>
<td>Permian’s Midland and Delaware basins, Oklahoma’s Midcontinent, and Louisiana’s Gulf Coast.</td>
</tr>
<tr>
<td>Medallion Gathering &amp; Processing</td>
<td>Midstream</td>
<td>The company’s midstream services include midstream infrastructure such as construction of all facilities and pipelines to gather, process and deliver oil and natural gas from wells.</td>
<td>Oct-17</td>
<td>Texas</td>
</tr>
<tr>
<td>Repsol</td>
<td>Upstream</td>
<td>Repsol is a Spanish integrated oil and gas firm.</td>
<td>May-18</td>
<td>Spain</td>
</tr>
<tr>
<td>Caithness Energy</td>
<td>Power generation, Renewable Power</td>
<td>Caithness Energy is a producer of services of development, acquisition, operation and management of power generation projects in the United States. The company focuses in wind, natural gas, geothermal, hydroelectric, solar and coal projects.</td>
<td>Mar-16</td>
<td>US</td>
</tr>
<tr>
<td>Hess Midstream Partners</td>
<td>Midstream</td>
<td>Hess Midstream Partners LP own, operate, develop and acquire a diverse set of midstream assets and provide fee-based services to Hess and third-party customers.</td>
<td>Jul-15</td>
<td>US</td>
</tr>
<tr>
<td>Competitive Power Ventures</td>
<td>Power generation</td>
<td>Developer and operator of power generation and development projects.</td>
<td>May-15</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td>Sector</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
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<td>-------------------------------</td>
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</tr>
<tr>
<td>Freeport LNG Development</td>
<td>Midstream</td>
<td>Operator of an LNG (liquefied natural gas) import and regasification terminal on Quintana Island near Freeport, Texas.</td>
<td>Dec-14</td>
<td>Freeport, TX</td>
</tr>
<tr>
<td>Empresa Eléctrica Guacolda</td>
<td>Power generation</td>
<td>Operator of thermal and coal fired power plants.</td>
<td>May-14</td>
<td>Chile</td>
</tr>
</tbody>
</table>
### Asset Manager: IFM Investors

AUM: $72 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buckeye Partners</td>
<td>Midstream</td>
<td>Buckeye Partners LP is a US-based company which owns and operates a diversified network of integrated assets providing midstream logistic solutions, consisting of the transportation, storage, and marketing of liquid petroleum products. It is an independent liquid petroleum products pipeline operator in the United States in terms of volumes delivered, with approximately 6,000 miles of pipeline.</td>
<td>Nov-19</td>
<td>North America</td>
</tr>
<tr>
<td>Impala Terminals</td>
<td>Midstream</td>
<td>Provider of multimodal logistics services intended to facilitate the global trade of commodities.</td>
<td>Dec-18</td>
<td>Global</td>
</tr>
<tr>
<td>VTTI</td>
<td>Midstream</td>
<td>The company through its marine terminals, that provide import, export and storage infrastructure for oil majors, refiners and commodity marketers.</td>
<td>Feb-17</td>
<td>Global</td>
</tr>
<tr>
<td>Ausgrid</td>
<td>Utility, Power Generation</td>
<td>Provider of electricity utility services. The company delivers a safe and reliable electricity supply to more than 1.7 million homes and businesses across various parts of Australia and operates as an industry leader in distributing electricity and providing energy services.</td>
<td>Oct-16</td>
<td>Australia</td>
</tr>
<tr>
<td>Freeport LNG Development</td>
<td>Midstream</td>
<td>Operator of an LNG (liquefied natural gas) import and regasification terminal on Quintana Island near Freeport, Texas.</td>
<td>Dec-14</td>
<td>Freeport, TX</td>
</tr>
</tbody>
</table>
# Asset Manager: Stonepeak Partners

AUM: $15.6 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Whistler Pipeline</td>
<td>Midstream</td>
<td>Pipeline designed to transport approximately 2 billion cubic feet per day (Bcf/d) of natural gas through approximately 475 miles of 42-inch pipeline from Waha, Texas, to the Agua Dulce area in South Texas.</td>
<td>Jun-19</td>
<td>Texas</td>
</tr>
<tr>
<td>Oryx Midstream Services</td>
<td>Midstream</td>
<td>Developer and operator of crude oil and natural gas gathering and processing assets.</td>
<td>Apr-19</td>
<td></td>
</tr>
<tr>
<td>Discovery Midstream Partners</td>
<td>Midstream</td>
<td>Operator of a full-service midstream oil and gas company.</td>
<td>Jan-19</td>
<td>Texas</td>
</tr>
<tr>
<td>Dominion Energy Midstream Partners</td>
<td>Midstream</td>
<td>Dominion Energy Midstream Partners LP is US-based firm engaged in creating a portfolio of natural gas terminaling, processing, storage, transportation and related assets.</td>
<td>Dec-16</td>
<td>US</td>
</tr>
<tr>
<td>Canal Units 1 and 2</td>
<td>Power generation</td>
<td>A portfolio of two power generation facilities. The facilities have a combined summer capacity rating of approximately 1,112 megawatts.</td>
<td>Jun-18</td>
<td>New Jersey</td>
</tr>
<tr>
<td>Gulf Coast Express Pipeline Project</td>
<td>Midstream</td>
<td>A natural gas pipeline project in Texas, United States.</td>
<td>Feb-18</td>
<td>Texas</td>
</tr>
<tr>
<td>Grand Prix natural gas liquids pipeline</td>
<td>Midstream</td>
<td>A natural gas pipeline in the United States. The pipeline transports approximately 300,000 barrels per day from the Permian Basin to Mont Belvieu, Texas.</td>
<td>Feb-18</td>
<td>Texas</td>
</tr>
<tr>
<td>Mont Belvieu Fractionation Train Joint Venture</td>
<td>Midstream</td>
<td>100 thousand barrel per day fractionation train in Mont Belvieu, Texas.</td>
<td>Feb-18</td>
<td>Texas</td>
</tr>
<tr>
<td>Phillips 66 Partners (NYS: PSXP)</td>
<td>Midstream</td>
<td>Phillips 66 Partners is a master limited partnership that transports crude, natural gas liquids, and refined products.</td>
<td>Sep-17</td>
<td>US</td>
</tr>
<tr>
<td>Company</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>---------------------------------</td>
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<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Magnolia LNG</td>
<td>Midstream</td>
<td>Developer of a liquefied natural gas facility in Lake Charles, Louisiana. The company's project site is on 115 acres adjacent to the Calcasieu Ship Channel, an established shipping channel.</td>
<td>Aug-17</td>
<td>US</td>
</tr>
<tr>
<td>Ironclad Energy Partners</td>
<td>Power Generation</td>
<td>The company specializes in acquiring, developing, owning, operating, and making capital investments in middle-market energy facilities in United States.</td>
<td>Sep-16</td>
<td>US</td>
</tr>
<tr>
<td>Golar Power</td>
<td>Downstream</td>
<td>Provider of liquefied natural gas based downstream services. The company owns and operates floating storage and regasification units AND associated terminal and power generation infrastructure facilities.</td>
<td>Jun-16</td>
<td>Norway, UK</td>
</tr>
<tr>
<td>Sage Midstream</td>
<td>Midstream</td>
<td>Provider of natural gas liquids-related midstream infrastructure services.</td>
<td>Apr-16</td>
<td>Texas</td>
</tr>
<tr>
<td>Plains All American Pipeline (NYS: PAA)</td>
<td>Midstream</td>
<td>Plains All American provides transportation, storage, processing, fractionation, and marketing services for crude oil, refined products, natural gas liquids, liquefied petroleum gas, and related products.</td>
<td>Jan-16</td>
<td>US</td>
</tr>
<tr>
<td>Sanchez Midstream Partners (ASE: SNMP)</td>
<td>Midstream</td>
<td>Sanchez Midstream Partners LP is focused on the acquisition, development, ownership and operation of midstream and other energy producing assets.</td>
<td>Oct-15</td>
<td>Eagle Ford Shale in South Texas and in other areas of Texas and Louisiana, as well as properties in the Mid-Continent region</td>
</tr>
</tbody>
</table>
### Asset Manager: iSquared Capital

**AUM:** $13 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Venture Global LNG</td>
<td>Midstream</td>
<td>Provider of liquefied natural gas. The company's operations include distribution of liquefied natural gas and related products, in addition, it offers a liquefaction process system which employs an efficient and reliable suite of products supplied.</td>
<td>Jun-19</td>
<td>US</td>
</tr>
<tr>
<td>Kalpa Generación</td>
<td>Power Generation</td>
<td>Developer of electricity generation projects. The company specializes in generation and transmission of electricity.</td>
<td>Oct-18</td>
<td>Peru</td>
</tr>
<tr>
<td>EagleClaw Midstream Ventures</td>
<td>Midstream</td>
<td>Provider of midstream energy services.</td>
<td>Sep-18</td>
<td>Permian Basin (TX)</td>
</tr>
<tr>
<td>IC Power Latin American and Caribbean Business</td>
<td>Power Generation</td>
<td>Developer of power generation facilities. The company's power generation facilities focus on supplying dependable electricity in emerging markets regions, enabling its customers in both residential and commercial sectors avail a range of power generating products.</td>
<td>Jan-18</td>
<td>Latin America and Caribbean</td>
</tr>
<tr>
<td>Orazul Energy</td>
<td>Power Generation</td>
<td>Owner and operator of power plants in the Latin american region.</td>
<td>Dec-16</td>
<td>Latin America</td>
</tr>
<tr>
<td>Viridian Group</td>
<td>Power Generation, Renewable Power</td>
<td>Generator and supplier of gas and electricity in Ireland. The company is an independent enterprise that through its subsidiaries invests in and builds Irish energy assets from multiple sectors, including thermal generation and wind generation</td>
<td>Apr-16</td>
<td>Ireland</td>
</tr>
<tr>
<td><strong>Natural Gas Power Plants and Wind Turbines</strong></td>
<td><strong>Power Generation, Renewable Power</strong></td>
<td>A portfolio of natural gas power plants and wind turbines in Ireland. The asset comprises of two natural gas power plants and a portfolio of onshore wind turbines in Ireland. The assets deliver electricity to more than 60,000 companies and 600,000 households.</td>
<td>Apr-16</td>
<td>Ireland</td>
</tr>
<tr>
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</tr>
<tr>
<td><strong>Whiptail Midstream</strong></td>
<td><strong>Midstream</strong></td>
<td>Operator of an unregulated gathering system with interests in midstream and upstream energy sectors. The company offers crude oil gathering, storage, transportation, compression, treating, processing and condensate handling services.</td>
<td>Mar-16</td>
<td>Oklahoma</td>
</tr>
<tr>
<td><strong>Oregon Clean Energy Center</strong></td>
<td><strong>Power Generation</strong></td>
<td>A 869 mega watt natural gas-fired electric power plant located in Oregon, Ohio. The project is capable of producing up to 961 mega watt and is an efficient generating facility in the mid-Atlantic power markets.</td>
<td>Nov-14</td>
<td>Ohio</td>
</tr>
<tr>
<td><strong>Kendall Station</strong></td>
<td><strong>Power Generation</strong></td>
<td>A 256-megawatt power plant in Cambridge, Massachusetts. The co-generation facility uses natural gas as a primary fuel source to produce electrical and steam energy.</td>
<td>Feb-14</td>
<td>Massachusetts</td>
</tr>
</tbody>
</table>
### Asset Manager: Kayne Anderson Capital Partners

AUM: $31 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indianola Energy</td>
<td>Upstream</td>
<td>Operator of an energy platform. The company was formed to pursue the acquisition and development of highly-proven resource plays in the energy sector across North America.</td>
<td>Aug-19</td>
<td>North America</td>
</tr>
<tr>
<td>WildFire Energy</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company.</td>
<td>Jul-19</td>
<td></td>
</tr>
<tr>
<td>Acacia Exploration Partners</td>
<td>Upstream</td>
<td>Operator of an energy exploration company.</td>
<td>Jul-18</td>
<td>Anadarko Basin</td>
</tr>
<tr>
<td>Buckeye Partners</td>
<td>Midstream</td>
<td>Buckeye Partners LP is a US-based company which owns and operates a diversified network of integrated assets providing midstream logistic solutions, consisting of the transportation, storage, and marketing of liquid petroleum products. It is an independent liquid petroleum products pipeline operator in the United States in terms of volumes delivered, with approximately 6,000 miles of pipeline.</td>
<td>Mar-18</td>
<td>North America</td>
</tr>
<tr>
<td>Enbridge Energy Management (NYSE: EEP)</td>
<td>Midstream</td>
<td>Provider of crude oil and liquids transportation system. The company specializes in the natural gas transmission and midstream businesses, onshore in Texas and Oklahoma and offshore in the Gulf of Mexico.</td>
<td>Dec-17</td>
<td>Texas, Oklahoma, Gulf of Mexico.</td>
</tr>
<tr>
<td>Flywheel Energy (formerly Valorem Energy)</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company</td>
<td>May-17</td>
<td>Rockies and Mid-Continent</td>
</tr>
<tr>
<td>Resource Rock Exploration</td>
<td>Upstream</td>
<td>Owner and developer of oil and gas exploration sites.</td>
<td>Apr-17</td>
<td>Delaware Basin</td>
</tr>
<tr>
<td>Ensign Natural Resources</td>
<td>Upstream</td>
<td>Operator of a portfolio of oil and gas assets.</td>
<td>Jan-17</td>
<td>Texas</td>
</tr>
<tr>
<td>Casillas Petroleum</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company.</td>
<td>Oct-16</td>
<td>Mid-Continent region</td>
</tr>
<tr>
<td>Riverbend Permian II</td>
<td>Upstream</td>
<td>Operator of a private exploration and production company.</td>
<td>Aug-16</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Sabinal Energy</td>
<td>Upstream</td>
<td>Operator of oil and natural gas company.</td>
<td>Jul-16</td>
<td>North America</td>
</tr>
<tr>
<td>Company Name</td>
<td>Sector</td>
<td>Description</td>
<td>Date</td>
<td>Region</td>
</tr>
<tr>
<td>--------------------------------------</td>
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</tr>
<tr>
<td>Phoenix Natural Resources</td>
<td>Upstream</td>
<td>Developer of oil and natural gas assets in North America.</td>
<td>Apr-16</td>
<td>Eagle Ford</td>
</tr>
<tr>
<td>Terra Energy Partners</td>
<td>Upstream</td>
<td>Operator of an onshore oil and gas exploration and production company. The company is focused on the acquisition and development of legacy producing oil and gas assets in North America.</td>
<td>Jun-15</td>
<td>North America</td>
</tr>
<tr>
<td>Plains All American Pipeline (NYS: PAA)</td>
<td>Midstream</td>
<td>Plains All American provides transportation, storage, processing, fractionation, and marketing services for crude oil, refined products, natural gas liquids, liquefied petroleum gas, and related products.</td>
<td>Jan-16</td>
<td>US</td>
</tr>
<tr>
<td>Invictus Energy</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company in Texas, United States.</td>
<td>Jan-16</td>
<td>Eagle Ford, Permian Basin</td>
</tr>
<tr>
<td>Monadnock Resources</td>
<td>Upstream</td>
<td>Operator of a Dallas based oil and gas exploration and production company.</td>
<td>Aug-15</td>
<td></td>
</tr>
<tr>
<td>Oak Ridge Natural Resources</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas company</td>
<td>Jul-15</td>
<td>Ark-La-Tex and Mid-Continent regions</td>
</tr>
<tr>
<td>Triumph Energy Partners</td>
<td>Upstream</td>
<td>Developer of oil and natural gas assets.</td>
<td>Jul-15</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Balidor Oil &amp; Gas</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production (E&amp;P) company.</td>
<td>Jul-15</td>
<td>North America</td>
</tr>
<tr>
<td>Amistad Energy Partners</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas properties.</td>
<td>Jun-15</td>
<td></td>
</tr>
<tr>
<td>Treadstone Energy Partners</td>
<td>Upstream</td>
<td>Developer of oil and natural gas reserves.</td>
<td>Dec-14</td>
<td></td>
</tr>
<tr>
<td>Primary Natural Resources IV</td>
<td>Upstream</td>
<td>Operator of oil &amp; gas exploration and production facilities.</td>
<td>Jun-14</td>
<td>Mid-Continent, Permian Basin</td>
</tr>
<tr>
<td>Renegade Well Services</td>
<td>Services</td>
<td>Provider of recurring maintenance, infrastructure and automation services for oil and gas producers.</td>
<td>Apr-14</td>
<td></td>
</tr>
<tr>
<td>True Oil Company</td>
<td>Upstream</td>
<td>Owner and operator of oil and gas exploration sites.</td>
<td>Dec-13</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Panther Energy Company</td>
<td>Upstream</td>
<td>Operator of oil and gas exploration and production company</td>
<td>Nov-13</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Outrigger Energy</td>
<td>Midstream</td>
<td>Provider of midstream oil and gas service</td>
<td>Oct-13</td>
<td></td>
</tr>
<tr>
<td>Company Name</td>
<td>Category</td>
<td>Description</td>
<td>Date</td>
<td>Region</td>
</tr>
<tr>
<td>------------------------------------</td>
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</tr>
<tr>
<td>Willow Bend Oil</td>
<td>Upstream</td>
<td>Operator of a private exploration and production company.</td>
<td>Jul-13</td>
<td>Mid-Continent, Permian Basin</td>
</tr>
<tr>
<td>PT Petroleum</td>
<td>Upstream</td>
<td>Operator of an oil and gas acquisition and development company.</td>
<td>May-13</td>
<td>Mid-Continent, Permian Basin</td>
</tr>
<tr>
<td>Haymaker Minerals &amp; Royalties</td>
<td>Upstream</td>
<td>Operator of oil and gas wells. The company primarily focuses on purchasing minerals and royalties from all types of mineral owners.</td>
<td>May-13</td>
<td></td>
</tr>
<tr>
<td>Canyon Midstream Partners</td>
<td>Midstream</td>
<td>Provider of oil and natural gas gathering, processing, transportation and marketing services.</td>
<td>Nov-12</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Cantera Energy</td>
<td>Upstream</td>
<td>Developer and explorer of oil and natural gas properties.</td>
<td>Oct-12</td>
<td>Onshore Gulf Coast Regions</td>
</tr>
<tr>
<td>PAK Development</td>
<td>Upstream</td>
<td>Operator of an oil and gas acquisition and development company.</td>
<td>Aug-12</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Grenadier Energy Partners II</td>
<td>Upstream</td>
<td>Owner and operator of a private exploration and production company based in The Woodlands, Texas.</td>
<td>Jul-12</td>
<td>Texas</td>
</tr>
<tr>
<td>Kraken Oil &amp; Gas</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company.</td>
<td>May-12</td>
<td>Williston Basin of Montana and North Dakota</td>
</tr>
<tr>
<td>Crown Energy Company</td>
<td>Services</td>
<td>Provider of contract operation and drilling services intended for oil and gas companies.</td>
<td>Feb-12</td>
<td></td>
</tr>
<tr>
<td>Corlena Oil Company III</td>
<td>Upstream</td>
<td>Provider of energy exploration services in Amarillo, Texas.</td>
<td>Oct-11</td>
<td>Amarillo, Texas</td>
</tr>
<tr>
<td>Poland Subsidiaries of Source Energy Partners</td>
<td></td>
<td>Provider of energy exploration services.</td>
<td>Feb-11</td>
<td>Poland</td>
</tr>
<tr>
<td>Momentum Oil and Gas</td>
<td>Upstream</td>
<td>Developer and explorer of oil and natural gas properties.</td>
<td>Oct-10</td>
<td></td>
</tr>
<tr>
<td>Hayden Harper</td>
<td>Upstream</td>
<td>Provider of natural gas exploration services.</td>
<td>Aug-09</td>
<td>Appalachian region</td>
</tr>
</tbody>
</table>
## Asset Manager: Riverstone Holdings

AUM: $25 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ridley Terminals</td>
<td>Midstream</td>
<td>Owner and operator of a marine bulk handling terminal in Canada. The company provides continuous and efficient railcar unloading, product storage and vessel loading services and primarily handles transportation of coal, petroleum coke and liquefied petroleum gas (LPG) in commodities.</td>
<td>Jul-19</td>
<td>British Columbia</td>
</tr>
<tr>
<td>Portfolio of coal-fired power plants</td>
<td>Power Generation</td>
<td>Portfolio of coal-fired power plants located at Rotterdam, Wilhelmshaven, Farge and Zolling. The assets represent a total installed capacity of 2,345 megawatts.</td>
<td>Apr-19</td>
<td>Netherlands, Germany</td>
</tr>
<tr>
<td>Converge Midstream</td>
<td>Midstream</td>
<td>Crude oil storage company. The Company is engaged in constructing into service the Pierce Junction Crude Oil Storage facility.</td>
<td>Apr-19</td>
<td>Texas</td>
</tr>
<tr>
<td>Three Rivers Natural Resource IV</td>
<td>Upstream</td>
<td>Operator of an oil and gas company. The company focuses on oil and gas acquisition opportunities in the Permian Basin.</td>
<td>Feb-19</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Birch Permian</td>
<td>Upstream</td>
<td>Operator of a private exploration and production company. The company is based in Houston, Texas and focused on the Permian basin.</td>
<td>Apr-18</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Lucid Energy Group</td>
<td>Midstream</td>
<td>Operator of an energy midstream services. The company focuses on providing natural gas gathering, compression, processing, transportation fractionation, sour gas treating and nitrogen rejection, crude oil gathering, condensate stabilization and liquids handling to the producers working in the Permian Basin.</td>
<td>Feb-18</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Salt Fork Resources</td>
<td>Upstream</td>
<td>Developer and operator of oil and natural gas leases and mineral mines.</td>
<td>Jan-18</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Vesta Energy</td>
<td>Upstream</td>
<td>Operator of oil exploration and production company.</td>
<td>May-17</td>
<td>Joffre Duvernay Shale, Alberta, Canada</td>
</tr>
<tr>
<td>Company Name</td>
<td>Sector</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
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</tr>
<tr>
<td>Teton Range</td>
<td>Upstream</td>
<td>Developer non-operated leasehold and mineral exploration sites. The company engages in the acquisition and development of non-operated leasehold and mineral exploration sites in the over-pressured oil window of Oklahoma, United States.</td>
<td>Mar-17</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Admiral Permian Resources</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas exploration and production company in the Permian Basin.</td>
<td>Apr-18</td>
<td>Permian Basin (Texas)</td>
</tr>
<tr>
<td>Talen Energy</td>
<td>Power Generation</td>
<td>Operator of power plants intended to generate and sell electricity, capacity and related products in the United States. The company’s fleet of power plants uses diverse fuel sources, such as nuclear, natural gas, and coal.</td>
<td>Dec-16</td>
<td>US</td>
</tr>
<tr>
<td>Avant Energy</td>
<td>Services</td>
<td>Provider of energy infrastructure services. The company’s offerings include development, construction and operation of infrastructure for Mexico’s oil, natural gas, refined products and electricity sectors.</td>
<td>Dec-16</td>
<td>Mexico</td>
</tr>
<tr>
<td>Centennial Resource Development (NAS: CDEV)</td>
<td>Upstream</td>
<td>Centennial Resource Development Inc is an independent oil and natural gas company</td>
<td>Dec-16</td>
<td>Reeves, Ward, and Pecos counties in West Texas</td>
</tr>
<tr>
<td>Venado Oil &amp; Gas</td>
<td>Upstream</td>
<td>Operator of oil and gas exploration company in the United States.</td>
<td>Oct-16</td>
<td>Texas</td>
</tr>
<tr>
<td>Fitzroy Australia Resources</td>
<td>Mining</td>
<td>Operator of a coal-mining company. The company is into coal mining business and exports metallurgical or coking coal used in making steel.</td>
<td>Jan-16</td>
<td>Australia</td>
</tr>
<tr>
<td>Rover Petroleum</td>
<td>Upstream</td>
<td>Operator of an oil and gas company. The company acquires and develops conventional oil assets in North America, concentrating on opportunities within the Texas and Oklahoma region.</td>
<td>Nov-15</td>
<td>Texas, Oklahoma</td>
</tr>
<tr>
<td>ILX Holdings III</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company.</td>
<td>Oct-15</td>
<td>Deepwater Gulf of Mexico</td>
</tr>
<tr>
<td>Company</td>
<td>Sector</td>
<td>Activity</td>
<td>Date</td>
<td>Location</td>
</tr>
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</tr>
<tr>
<td>CanEra Resources III</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company. The company is focused on the acquisition, exploitation and exploration of large oil and gas-in-place deposits in the Western Canadian Sedimentary Basin (&quot;WCSB&quot;).</td>
<td>Jan-15</td>
<td>Western Canadian Sedimentary Basin</td>
</tr>
<tr>
<td>Utopia Pipeline Project</td>
<td>Midstream</td>
<td>A 215 miles and 12-inch diameter pipeline project located in Ohio, United States. The project offers transportation facilities for ethane and ethane-propane mixtures to petrochemical companies operating in Ontario, Canada.</td>
<td>Jun-16</td>
<td>Ohio</td>
</tr>
<tr>
<td>Fieldwood Energy</td>
<td>Upstream</td>
<td>Explorer of oil and natural gas resources. The company focuses on acquiring and developing conventional assets, primarily in the Gulf of Mexico region.</td>
<td>May-16</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Liberty Resources II</td>
<td>Upstream</td>
<td>Operator of an oil and gas company.</td>
<td>Nov-13</td>
<td>Williston Basin (Bakken and Three Forks), the DJ Basin and the Powder River Basin.</td>
</tr>
<tr>
<td>Abaco Energy Technologies</td>
<td>Services</td>
<td>Provider of oil and gas production, exploration and related services. The company was formed to acquire, integrate and develop energy manufacturing and services businesses that are related to North American drilling, completion and production and associated infrastructure.</td>
<td>Jun-13</td>
<td>Texas, Oklahoma</td>
</tr>
<tr>
<td>TrailStone Group</td>
<td>commodities trader</td>
<td>Global commodities trader and an investor in strategic commodity assets.</td>
<td>May-13</td>
<td>UK</td>
</tr>
<tr>
<td>JV between Riverstone Holdings and Ridgewood</td>
<td>Upstream</td>
<td>Operator of a holding company formed to invest in a series of deepwater exploration projects located in the Gulf of Mexico.</td>
<td>Mar-13</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Raven Power</td>
<td>Power Generation</td>
<td>Operator of coal-fired power plants. The company includes three plants collectively know as Maryland Clean Coal including Brandon Shores, C.P. Crane and H.A. Wagner, having a combined capacity of 2,648 megawatt.</td>
<td>Aug-12</td>
<td>Maryland</td>
</tr>
<tr>
<td>Kerogen Energy Holdings</td>
<td>Upstream</td>
<td>Operator of a shale oil exploration company.</td>
<td>Aug-12</td>
<td>US, Canada</td>
</tr>
<tr>
<td>Company</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Region</td>
</tr>
<tr>
<td>---------------------------------</td>
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</tr>
<tr>
<td>Three Rivers Natural Resource II</td>
<td>Upstream</td>
<td>Operator of oil and gas properties in Austin, Texas.</td>
<td>Aug-12</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>White Rose Energy Ventures</td>
<td>Upstream</td>
<td></td>
<td>Aug-12</td>
<td>Africa</td>
</tr>
<tr>
<td>EP Energy Global</td>
<td>Upstream</td>
<td></td>
<td>May-12</td>
<td>Texas</td>
</tr>
<tr>
<td>Talos Energy (NYS: TALO)</td>
<td>Upstream</td>
<td>The company engages in the exploration, development and production of oil and natural gas properties.</td>
<td>Apr-12</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Liberty Oilfield Services</td>
<td>Services</td>
<td>Liberty Oilfield Services Inc is a United States based company which provides hydraulic fracturing services to onshore oil and natural gas exploration and production companies.</td>
<td>Dec-11</td>
<td>US</td>
</tr>
<tr>
<td>USA Compression Partners (NYS: USAC)</td>
<td>Midstream, Services</td>
<td>USA Compression Partners LP is a US-based limited partnership which acts as a provider of compression services in the United States</td>
<td>Dec-10</td>
<td>US</td>
</tr>
<tr>
<td>Seven Generation Facilities</td>
<td>Power Generation</td>
<td>A portfolio of seven gas-fired power generation facilities in the United States. The facility has a capacity of a 778 MW (megawatts) and is located in the Northeast Region of the United States.</td>
<td>Oct-11</td>
<td>Northeastern US</td>
</tr>
<tr>
<td>Legend Production</td>
<td>Upstream</td>
<td>Owner and operator of 390 oil producing wells and approximately 52,000 net acres in the Fort Worth Basin of Texas.</td>
<td>May-11</td>
<td>Fort Worth Basin of Texas</td>
</tr>
<tr>
<td>Barra Energia Petroleo e Gas</td>
<td>Upstream</td>
<td>Operator of an oil exploration and production company based in Brazil. The company focuses on exploration, development and production hydrocarbons with priority focus on the three most important Brazilian sea basins.</td>
<td>May-11</td>
<td>Brazil</td>
</tr>
<tr>
<td>Cuadrilla Resources</td>
<td>Upstream</td>
<td>Owner and operator of an upstream oil and gas company.</td>
<td>Feb-10</td>
<td>Europe</td>
</tr>
</tbody>
</table>
**Asset Manager: Encap Investments**

**AUM: $20 billion**

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Grid Company</td>
<td>Power Generation</td>
<td>Operator of natural gas power plants. The company also acquires power plants and partners with local utilities and governments.</td>
<td>Oct-19</td>
<td>US</td>
</tr>
<tr>
<td>Broad Reach Power</td>
<td>Power Generation</td>
<td>Operator of a utility-scale storage independent power producer company.</td>
<td>Sep-19</td>
<td>US</td>
</tr>
<tr>
<td>Council Oak Resources</td>
<td>Upstream</td>
<td>Explorer of oil and gas properties.</td>
<td>May-19</td>
<td>Anadarko Basin</td>
</tr>
<tr>
<td>Silverado Oil &amp; Gas</td>
<td>Upstream</td>
<td>Operator of an oil and gas company.</td>
<td>Mar-19</td>
<td></td>
</tr>
<tr>
<td>Flat Creek Resources</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas exploration and production company.</td>
<td>Nov-18</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Rock River Minerals</td>
<td>Upstream</td>
<td>Operator of a mineral rights acquisition company.</td>
<td>Sep-18</td>
<td>Midland and Delaware Basins</td>
</tr>
<tr>
<td>XCL Resources</td>
<td>Upstream</td>
<td>Operator of an oil and gas company.</td>
<td>Jan-18</td>
<td>US</td>
</tr>
<tr>
<td>Black Swan Oil &amp; Gas</td>
<td>Upstream</td>
<td>Provider of oil and gas services.</td>
<td>Dec-17</td>
<td>US</td>
</tr>
<tr>
<td>Pegasus Resources</td>
<td>Upstream</td>
<td>Operator of a mineral and royalty company intended to build a sizable mineral and royalty position.</td>
<td>Nov-17</td>
<td>US</td>
</tr>
<tr>
<td>Silverback Exploration II</td>
<td>Upstream</td>
<td>Provider of oil and natural gas exploration services.</td>
<td>Jul-17</td>
<td>US</td>
</tr>
<tr>
<td>Sable Bay Energy</td>
<td>Upstream</td>
<td>Provider of oil and natural gas exploration services.</td>
<td>Jun-17</td>
<td>US</td>
</tr>
<tr>
<td>Ameredev II</td>
<td>Upstream</td>
<td>Operator of an exploration and production business.</td>
<td>Mar-17</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Royal Holly Energy</td>
<td>Upstream</td>
<td>Operator of an oil exploration and production company.</td>
<td>Jan-17</td>
<td>Ark-La-Tex Basin</td>
</tr>
<tr>
<td>Olifant Energy</td>
<td>Upstream</td>
<td>Provider of energy exploration services.</td>
<td>Jan-17</td>
<td>Permian and Anadarko basins</td>
</tr>
<tr>
<td>Mongoose Energy</td>
<td>Upstream</td>
<td>Operator of an oil exploration and production company.</td>
<td>Jan-17</td>
<td>Texas and Rockies</td>
</tr>
<tr>
<td>Venado Oil &amp; Gas</td>
<td>Upstream</td>
<td>Operator of oil and gas exploration company in the United States.</td>
<td>Oct-16</td>
<td>Texas</td>
</tr>
<tr>
<td>Petro Legacy Energy II</td>
<td>Upstream</td>
<td>Operator of oil and gas exploration and production company.</td>
<td>Sep-16</td>
<td>Permian Basin and the Eagle Ford Shale</td>
</tr>
<tr>
<td>Novo Oil &amp; Gas</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production services.</td>
<td>Aug-16</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Company</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
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</tr>
<tr>
<td>Fortis Minerals (NYS: NRI)</td>
<td>Upstream</td>
<td>Operator of a mineral acquisition company. The company is engaged in the acquisition of mineral interests and overriding royalties in premier oil and gas properties in the United States.</td>
<td>Jul-16</td>
<td>US</td>
</tr>
<tr>
<td>Advance Energy Partners</td>
<td>Upstream</td>
<td>Developer of an oil and gas portfolio.</td>
<td>May-16</td>
<td></td>
</tr>
<tr>
<td>Grayson Mill Energy</td>
<td>Upstream</td>
<td>Operator of energy exploration and production company.</td>
<td>Mar-16</td>
<td>Rocky Mountains</td>
</tr>
<tr>
<td>Laramie Energy I</td>
<td>Upstream</td>
<td>Operator of oil and gas producing properties and midstream assets in unconventional gas reservoirs within the Piceance Basin.</td>
<td>Mar-16</td>
<td>Piceance Basin</td>
</tr>
<tr>
<td>Felix Energy II</td>
<td>Upstream</td>
<td>Developer and operator of oil and gas assets.</td>
<td>Jan-16</td>
<td>US</td>
</tr>
<tr>
<td>Plains All American Pipeline (NYS: PAA)</td>
<td>Midstream</td>
<td>Plains All American provides transportation, storage, processing, fractionation, and marketing services for crude oil, refined products, natural gas liquids, liquefied petroleum gas, and related products.</td>
<td>Jan-16</td>
<td>US</td>
</tr>
<tr>
<td>Raisa Energy</td>
<td>Upstream</td>
<td>Operator of an independent oil exploration and production company.</td>
<td>Jan-16</td>
<td>Colorado, North Dakota, Oklahoma and Texas</td>
</tr>
<tr>
<td>Verdun Oil Company</td>
<td></td>
<td>Developer of oil and gas assets.</td>
<td>Dec-15</td>
<td>US</td>
</tr>
<tr>
<td>Scala Energy</td>
<td>Upstream</td>
<td>Operator of a exploration and production company.</td>
<td>Jul-15</td>
<td></td>
</tr>
<tr>
<td>Montage Resources</td>
<td>Upstream</td>
<td>Exploration and production company</td>
<td>Feb-15</td>
<td>Ohio, Pennsylvania, West Virginia</td>
</tr>
<tr>
<td>Southland Royalty Company</td>
<td>Upstream</td>
<td>Operator of an independent oil and gas company.</td>
<td>Jan-15</td>
<td></td>
</tr>
<tr>
<td>Sabalo Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration company focused on responsibly developing energy.</td>
<td>Mar-14</td>
<td></td>
</tr>
<tr>
<td>Earthstone Energy</td>
<td>Upstream</td>
<td>Earthstone Energy Inc is an independent oil and natural gas development and production company.</td>
<td>Jan-12</td>
<td>Midland Basin of West Texas, and the Eagle Ford Trend of South Texas</td>
</tr>
<tr>
<td>PennEnergy Resources</td>
<td>Upstream</td>
<td>Operator of an independent oil and gas company</td>
<td>Feb-11</td>
<td>Appalachian Basin</td>
</tr>
</tbody>
</table>
**Asset Manager: EIG Global Energy Partners**

**AUM: $22 billion**

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Texas Midstream</td>
<td>Midstream</td>
<td>The company engages in natural gas transportation through pipelines.</td>
<td>Dec-19</td>
<td>South Texas</td>
</tr>
<tr>
<td>Meco IV</td>
<td>Upstream</td>
<td>Operator of an oil and gas acquisition, exploitation and exploration company.</td>
<td>Sep-19</td>
<td>Colorado</td>
</tr>
<tr>
<td>Staghorn Petroleum</td>
<td>Upstream</td>
<td>Provider of upstream petroleum services.</td>
<td>May-19</td>
<td>US</td>
</tr>
<tr>
<td>BlueRacer Midstream</td>
<td>Midstream</td>
<td>Provider of midstream services to Utica and Marcellus shale producers.</td>
<td>Feb-19</td>
<td>Appalachian basin</td>
</tr>
<tr>
<td>Limetree Bay Terminals</td>
<td>Midstream</td>
<td>Owner and operator of crude oil terminals.</td>
<td>Nov-18</td>
<td>St. Croix, U.S. Virgin Islands</td>
</tr>
<tr>
<td>Cox Operating</td>
<td>Upstream</td>
<td>Operator of oil and gas company.</td>
<td>Nov-18</td>
<td>Gulf of Mexico, Texas</td>
</tr>
<tr>
<td>Peak Exploration &amp; Production</td>
<td>Upstream</td>
<td>Provider of exploration and development services for oil and gas properties.</td>
<td>Nov-18</td>
<td>Colorado</td>
</tr>
<tr>
<td>CrownRock</td>
<td>Upstream</td>
<td>Producer of oil and gas</td>
<td>Jul-18</td>
<td>Permian Basin, Northern Midland Basin</td>
</tr>
<tr>
<td>Maverick Natural Resources</td>
<td>Upstream</td>
<td>Operator of oil and gas assets in the United States.</td>
<td>Apr-18</td>
<td>Ark-La-Tex (Arkansas, Louisiana and Texas), the Midwest, the Permian Basin, the Mid-Continent, the Rockies, the Southeast and California</td>
</tr>
<tr>
<td>Great Western Oil and Gas</td>
<td>Upstream</td>
<td>Provider of exploration and drilling services intended for oil and gas deposits in Denver, Colorado.</td>
<td>Apr-18</td>
<td>Denver-Julesburg Basin</td>
</tr>
<tr>
<td>FS Investments / EIG Global Energy Joint Venture</td>
<td>Energy Investment</td>
<td>Provider of investment advisory and financing services.</td>
<td>Apr-18</td>
<td>US</td>
</tr>
<tr>
<td>Company</td>
<td>Industry</td>
<td>Project Details</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td>USA Compression Partners (NYS: USAC)</td>
<td>Services, Midstream</td>
<td>USA Compression Partners LP is a US-based limited partnership which acts as a provider of compression services in the United States in terms of total compression fleet horsepower.</td>
<td>Jan-18</td>
<td>US</td>
</tr>
<tr>
<td>Midship Pipeline Company</td>
<td>Midstream</td>
<td>A 199.4 mile natural gas pipeline project stretching from the Okarche processing plant near Okarche, Oklahoma to Bennington, Oklahoma.</td>
<td>Jun-17</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Southcross Energy Partners (PINX: SXEEQ)</td>
<td>Midstream</td>
<td>Southcross Energy Partners LP provides natural gas gathering, processing, treating, compression and transportation services and NGL fractionation and transportation services.</td>
<td>Jun-17</td>
<td>South Texas, Mississippi, Alabama</td>
</tr>
<tr>
<td>Elba Liquefaction Project</td>
<td>Midstream</td>
<td>A liquefaction project located 8.5 miles upstream from the mouth of the Savannah River.</td>
<td>Mar-17</td>
<td>Texas</td>
</tr>
<tr>
<td>Senex Energy (ASX: SXY)</td>
<td>Upstream</td>
<td>Senex Energy Ltd is an Australian oil and gas exploration and production company.</td>
<td>Jan-17</td>
<td>Australia</td>
</tr>
<tr>
<td>New Age (African Global Energy)</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration services.</td>
<td>Jul-16</td>
<td>Nigeria, the Republic of Congo</td>
</tr>
<tr>
<td>Fortis Minerals (NYS: NRI)</td>
<td>Upstream</td>
<td>Operator of a mineral acquisition company. The company is engaged in the acquisition of mineral interests and overriding royalties in premier oil and gas properties in the United States.</td>
<td>Jul-16</td>
<td>US</td>
</tr>
<tr>
<td>El Dorado Resources</td>
<td>Upstream</td>
<td>Owner and developer of oil and gas properties.</td>
<td>Jun-16</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Andes Mining &amp; Energy</td>
<td>Power Generation</td>
<td>Developer and operator of conventional and renewable power generation projects.</td>
<td>Mar-16</td>
<td>Chile</td>
</tr>
<tr>
<td>Abengoa Projects Warehouse 1</td>
<td>Power Generation</td>
<td>Operator of power projects.</td>
<td>Mar-15</td>
<td>Mexico, Brazil, Chile</td>
</tr>
<tr>
<td>EnVen Energy Ventures</td>
<td>Upstream</td>
<td>EnVen Energy Corp is an oil and natural gas company engaged in the development, exploitation, exploration, and acquisition of crude oil properties in the region of U.S Gulf of Mexico.</td>
<td>Jul-14</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Harbour Energy</td>
<td>Upstream, Midstream</td>
<td>The company owns and operates upstream and midstream energy assets such as natural gas, petroleum, crude oil, gasoline, petrol and coal.</td>
<td>Jul-14</td>
<td>US, UK</td>
</tr>
<tr>
<td>Company</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
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</tr>
<tr>
<td>FourPoint Energy</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production services intended to develop oil and natural gas assets.</td>
<td>Jun-14</td>
<td>Texas</td>
</tr>
<tr>
<td>Jonah Energy</td>
<td>Upstream</td>
<td>Operator of onshore oil and gas producing properties.</td>
<td>Jun-14</td>
<td>Jonah Field in Sublette County, Wyoming</td>
</tr>
<tr>
<td>Panda Liberty Power Project</td>
<td>Power Generation</td>
<td>Two natural gas power plants in Pennsylvania.</td>
<td>Dec-13</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Coalspur Mines</td>
<td>Upstream</td>
<td>Coalspur Mines Ltd is a coal exploration and development company.</td>
<td>Apr-13</td>
<td>Canada</td>
</tr>
<tr>
<td>Ouro Preto Óleo e Gás</td>
<td>Upstream</td>
<td>Operator of a hydrocarbon exploration and production company.</td>
<td>Oct-12</td>
<td>Brazil</td>
</tr>
</tbody>
</table>
**Asset Manager: Energy Capital Partners**

AUM: $13 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transit Energy Group</td>
<td>Downstream</td>
<td>Operator of fuel distribution and retail convenience store.</td>
<td>Jul-19</td>
<td>Tennessee, Arkansas, Mississippi and North and South Carolina</td>
</tr>
<tr>
<td>11 coal and gas power plants in British Columbia</td>
<td>Power Generation</td>
<td>Portfolio of electricity generation plants based in Alberta, British Columbia and Ontario, Canada. The portfolio consists of 11 natural gas-fired and coal-fired electrical generation facilities with 2,100 megawatts (MW) capacity.</td>
<td>May-19</td>
<td>British Columbia</td>
</tr>
<tr>
<td>Calpine</td>
<td>Power Generation</td>
<td>Provider of electricity from clean fuel and renewable resources. The company’s electricity is generated from natural gas and geothermal resources.</td>
<td>Mar-18</td>
<td>North America</td>
</tr>
<tr>
<td>Triton Power (UK)</td>
<td>Power Generation</td>
<td>Operator of a power generation company located in the United Kingdom. The company produces 1.8-gigawatt of electricity for half a million homes through three power stations.</td>
<td>Oct-17</td>
<td>UK</td>
</tr>
<tr>
<td>CIG Logistics</td>
<td>Services</td>
<td>Provider of logistics services to the oil and gas industry. The company owns and operates frac sand trans-loading terminals which strategically located near oil and gas activity in the Permian Basin, Eagle Ford Shale, SCOOP/STACK Play and Haynesville Shale and provides trans-loading services to market-leading exploration and production companies, oilfield service companies and proppant companies through tonnage-based tolling arrangements.</td>
<td>Jun-17</td>
<td>Texas, Oklahoma, West Virginia</td>
</tr>
<tr>
<td>Sendero Midstream</td>
<td>Midstream</td>
<td>Provider of midstream services in oil and gas exploration.</td>
<td>Jan-17</td>
<td>New Mexico</td>
</tr>
<tr>
<td>Ramaco Resources (NAS: METC)</td>
<td>Mining</td>
<td>Ramaco Resources Inc is a coal producing firm based in the United States.</td>
<td>Aug-16</td>
<td>US</td>
</tr>
<tr>
<td>Company Name</td>
<td>Sector</td>
<td>Services</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>--------------------------------------</td>
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</tr>
<tr>
<td>CORMETECH</td>
<td>Services</td>
<td>The company offers services in the areas of nitrogen oxide, sulfur dioxide (SO2), and particulate emission control; and combustion optimization, large particle ash screens, and flow monitoring.</td>
<td>Jan-16</td>
<td>US</td>
</tr>
<tr>
<td>Next Wave Energy Partners</td>
<td>Midstream, Downstream</td>
<td>Operator of midstream and downstream petrochemical and fuel assets. The company’s capabilities include customized toll processing, manufacturing, and logistics solutions for natural gas liquids (NGLs), petrochemicals and gasoline blending components</td>
<td>Apr-15</td>
<td>US</td>
</tr>
<tr>
<td>USD Group</td>
<td>Midstream</td>
<td>Developer, designer and operator of energy infrastructure assets throughout North America.</td>
<td>Sep-14</td>
<td>North America</td>
</tr>
<tr>
<td>Richland Stryker</td>
<td>Power Generation</td>
<td>Two cycle power plants located in Ohio, United States. Richland is a 444 MW power plant while Stryker is a 20 MW power plant.</td>
<td>Jan-14</td>
<td>Ohio</td>
</tr>
<tr>
<td>Rimrock Midstream</td>
<td>Midstream</td>
<td>Developer and operator of a portfolio of midstream energy infrastructure assets.</td>
<td>Nov-13</td>
<td>Oklahoma, Kansas, Texas, North Dakota, Wyoming, Colorado, New Mexico</td>
</tr>
<tr>
<td>EnergySolutions</td>
<td>Services</td>
<td>Provider of nuclear waste management services to a wide customer base including government agencies, commercial customers, engineering, and construction companies.</td>
<td>May-13</td>
<td>US</td>
</tr>
<tr>
<td>Broad River Energy</td>
<td>Power Generation</td>
<td>Operator of a 850 MW dual-fuel simple-cycle power generation facility located in Gaffney, South Carolina.</td>
<td>Dec-12</td>
<td>South Carolina</td>
</tr>
<tr>
<td>Liberty Electric Power</td>
<td>Power Generation</td>
<td>Owner and operator of natural-gas fired combined cycle generating facility to supply electric energy and capacity.</td>
<td>Oct-11</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Odessa Power</td>
<td>Power Generation</td>
<td>1,000 megawatt, natural gas-fired power plant in West Texas.</td>
<td>Jul-11</td>
<td>Texas</td>
</tr>
<tr>
<td>EquiPower Resources</td>
<td>Power Generation</td>
<td>Owner and operator of a portfolio of power plants</td>
<td>May-10</td>
<td>US</td>
</tr>
<tr>
<td>PLH Group</td>
<td>Services</td>
<td>Provider of energy focused construction and maintenance.</td>
<td>Aug-09</td>
<td>US</td>
</tr>
<tr>
<td>Summit Midstream Partners (NYS: SMLP)</td>
<td>Midstream</td>
<td>Summit Midstream Partners LP is a US-based energy solutions provider involved in the oil and gas industry.</td>
<td>Sep-09</td>
<td>US</td>
</tr>
</tbody>
</table>

Contact: Jim Baker, 312-933-0230
jim.baker@PEstakeholder.org
**Asset Manager: ArcLight Capital Partners**

AUM: $13 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
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</thead>
<tbody>
<tr>
<td>Third Coast Midstream</td>
<td>Midstream</td>
<td>Provider of natural gas energy services.</td>
<td>Jul-19</td>
<td>US</td>
</tr>
<tr>
<td>Thorntons</td>
<td>Downstream</td>
<td>Operator of gas and food mart chain.</td>
<td>Feb-19</td>
<td>US</td>
</tr>
<tr>
<td>Limetree Bay Terminals</td>
<td>Midstream</td>
<td>Owner and operator of crude oil terminals.</td>
<td>Nov-18</td>
<td>St. Croix, U.S. Virgin Islands</td>
</tr>
<tr>
<td>TransMontaigne Partners/ TransMontaigne GP</td>
<td>Midstream</td>
<td>TransMontaigne Partners LP is an oil pipeline and terminal company.</td>
<td>Nov-18</td>
<td>US</td>
</tr>
<tr>
<td>Oil Logistics Assets</td>
<td>Midstream</td>
<td>The portfolio consists of refined products and crude oil storage and terminaling facilities in Tacoma and Baltimore.</td>
<td>Sep-18</td>
<td>US</td>
</tr>
<tr>
<td>Midcoast Energy Partners</td>
<td>Midstream</td>
<td>Provider of natural gas and natural gas liquid (NGL) delivery services.</td>
<td>Aug-18</td>
<td>US</td>
</tr>
<tr>
<td>Bay Shore Power Company</td>
<td>Power Generation</td>
<td>A portfolio of power plants located at Lucas County, Ohio.</td>
<td>Jul-18</td>
<td>Ohio</td>
</tr>
<tr>
<td>Enstor Gas</td>
<td>Midstream</td>
<td>Owner and operator of natural gas storage facilities in the Gulf Coast and Southwest regions of the United States.</td>
<td>May-18</td>
<td>Gulf Coast, Southwest US</td>
</tr>
<tr>
<td>Perdido Regional Host Facility</td>
<td>Upstream</td>
<td>A natural oil and gas exploration facility in the United States.</td>
<td>Jan-18</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Greylock Energy</td>
<td>Upstream, Midstream</td>
<td>Portfolio of natural gas production and midstream assets in Charleston, West Virginia.</td>
<td>Nov-17</td>
<td>West Virginia</td>
</tr>
<tr>
<td>Olympic Pipeline (30% stake)</td>
<td>Midstream</td>
<td>Operator of a refined products pipeline.</td>
<td>Sep-17</td>
<td>Washington, Oregon</td>
</tr>
<tr>
<td>BP West Coast Products JV</td>
<td>Midstream, Downstream</td>
<td>Provider of refined product logistics and infrastructure assets. The company deals with storage, transportation and wholesale marketing of refined petroleum products.</td>
<td>Aug-17</td>
<td>US</td>
</tr>
<tr>
<td>Lightstone Generation</td>
<td>Power generation</td>
<td>Power generation. Midwest Power Plants (2 natural gas, 1 coal fired power plant)</td>
<td>Jan-17</td>
<td>Ohio, Indiana</td>
</tr>
<tr>
<td>Company/Project</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
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</tr>
<tr>
<td>Chevron Alberta Gas Storage ULC</td>
<td>Midstream, Downstream</td>
<td>Provider of natural gas underground storage and marketing services. The company offers its storage and marketing services to producers, utilities, natural gas marketing companies and consumers in Western Canada and Western United States.</td>
<td>Apr-16</td>
<td>Western Canada, Western United States</td>
</tr>
<tr>
<td>Eastern Generation</td>
<td>Power Generation</td>
<td>Eastern Generation owns and operates power generating units. It sells energy and provides ancillary services into the NYISO and PJM markets.</td>
<td>Dec-15</td>
<td>New York, Illinois, Ohio</td>
</tr>
<tr>
<td>Gulf Oil</td>
<td>Downstream</td>
<td>Provider of gasoline and diesel motor fuels.</td>
<td>Sep-15</td>
<td>US</td>
</tr>
<tr>
<td>Lucknow-Highspire Terminals</td>
<td>Downstream</td>
<td>Provider of petroleum products storage and distribution services. The company provides storage and distribution facilities for gasoline, diesel fuel, heating oil and kerosene.</td>
<td>Apr-15</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Mesquite Power</td>
<td>Power Generation</td>
<td>The power project is a 625 MW natural gas-fired, combined cycle power generation facility located outside of Phoenix, Arizona.</td>
<td>Apr-15</td>
<td>Arizona</td>
</tr>
<tr>
<td>Bruin E&amp;P Partners</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company. The company is focused on the development of oil-rich unconventional plays as well as the acquisition of conventional oil and gas producing properties.</td>
<td>Jan-15</td>
<td>Piceance Basin of Colorado, the Gulf Coast Texas, the Permian Basin of Texas and New Mexico, the Arkoma Basin of Arkansas and the Williston Basin of North Dakota and Montana</td>
</tr>
<tr>
<td>Conemaugh Generating Station</td>
<td>Power Generation</td>
<td>A 1700 megawatt coal-fired power plant.</td>
<td>Dec-14</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Keystone Generating Station</td>
<td>Power Generation</td>
<td>A 1700 megawatt coal-fired power plant.</td>
<td>Dec-14</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Warwick Partners II</td>
<td>Upstream</td>
<td>Operator of an oil and gas holding company.</td>
<td>May-14</td>
<td>Eagle Ford Shale, South Texas</td>
</tr>
<tr>
<td>Canyon Creek Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas oil and gas exploration company.</td>
<td>Apr-14</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>CPV Woodbridge Energy Center</td>
<td>Power Generation</td>
<td>The 725-megawatt power plant in Keasbey, New Jersey. The 725 megawatt (MW) natural gas fueled combined-cycle power generation facility generates electricity to power more than 700,000 homes.</td>
<td>Sep-13</td>
<td>New Jersey</td>
</tr>
<tr>
<td>Name</td>
<td>Industry</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>-------------------------------------------</td>
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</tr>
<tr>
<td>Enable Midstream Partners (NYS: ENBL)</td>
<td>Midstream</td>
<td>Operator of a power generation plant in Amorebieta Exano, Spain. The company operates a 755 megawatt gas-fired combined-cycle power generation plant.</td>
<td>Feb-13</td>
<td>Spain</td>
</tr>
<tr>
<td>Bizkaia Energia</td>
<td>Power Generation</td>
<td>Investor in energy and infrastructure operations with an emphasis on oil and gas.</td>
<td>Jan-13</td>
<td>Europe</td>
</tr>
<tr>
<td>Fisterra Energy</td>
<td>Midstream</td>
<td>Provider of oil and gas transportation services from properties in and around the North Sea.</td>
<td>Dec-12</td>
<td>UK</td>
</tr>
<tr>
<td>North Sea Midstream Partners</td>
<td>Midstream</td>
<td>The company owns and operates a fee-based, semi-submersible floating production and processing system located within the highly prolific, deep-water Mississippi Canyon region in the Gulf of Mexico.</td>
<td>Dec-12</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Delta House</td>
<td>Upstream, Midstream</td>
<td>Operator of an oil and gas exploration and production company. The company focuses on developing existing assets and pursuing acquisitions of additional producing and non-producing properties in the San Juan Basin.</td>
<td>Jan-12</td>
<td>New Mexico, Colorado</td>
</tr>
<tr>
<td>LOGOS Resources</td>
<td>Upstream</td>
<td>The company is a growth-oriented limited partnership that owns, operates, develops and acquires a diversified portfolio of midstream energy assets. Its operations currently consist of crude oil pipelines and storage, refined products terminals, distribution and sales.</td>
<td>Jan-12</td>
<td>US</td>
</tr>
<tr>
<td>Five Georgia Natural Gas-Fired Power Plants</td>
<td>Power Generation</td>
<td>Owner and operator of electric power generation plants.</td>
<td>Jul-11</td>
<td>Georgia</td>
</tr>
<tr>
<td>Kgen Power</td>
<td>Power Generation</td>
<td>Operator of an oil and gas exploration and production company.</td>
<td>Jul-10</td>
<td>US</td>
</tr>
<tr>
<td>Black Point Petroleum</td>
<td>Upstream</td>
<td>A portfolio of five natural gas-fired power plants located in Georgia.</td>
<td>Jan-11</td>
<td>Texas</td>
</tr>
</tbody>
</table>
## Asset Manager: NGP Energy Capital Management (owned by Carlyle Group)

AUM: $15 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oilfield Water Logistics</td>
<td>Services</td>
<td>Provider of water infrastructure and services intended for the energy industry.</td>
<td>Oct-19</td>
<td>US</td>
</tr>
<tr>
<td>Cavalcade Midstream</td>
<td>Midstream</td>
<td>Provider of midstream services in the Permian Basin.</td>
<td>Dec-18</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Mettle Midstream Partners</td>
<td>Midstream</td>
<td>Operator of a full-service midstream company in Dallas, Texas.</td>
<td>Mar-18</td>
<td>Texas</td>
</tr>
<tr>
<td>Trilogy Midstream Investments</td>
<td>Midstream</td>
<td>Developer of pipeline infrastructure projects. The company engages in developing pipeline infrastructure projects along the Gulf Coast.</td>
<td>Jan-18</td>
<td>Gulf Coast</td>
</tr>
<tr>
<td>Mallard Exploration</td>
<td>Upstream</td>
<td>Operator of an upstream oil and gas exploration and production company.</td>
<td>Oct-17</td>
<td>Colorado (Denver-Julesburg Basin)</td>
</tr>
<tr>
<td>Infinity Natural Resources</td>
<td>Upstream</td>
<td>Operator of oil and gas exploration and production company.</td>
<td>Aug-17</td>
<td>Appalachian basin</td>
</tr>
<tr>
<td>Chesapeake Energy Corporation</td>
<td>Upstream</td>
<td>Chesapeake Energy Corp is a US-based exploration and production company.</td>
<td>Jun-17</td>
<td>Pennsylvania, Ohio, Louisiana, Texas, Oklahoma, Wyoming</td>
</tr>
<tr>
<td>Black Mountain Oil &amp; Gas II</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company intended to pursue upstream opportunities.</td>
<td>Apr-17</td>
<td>Pecos County, Texas</td>
</tr>
<tr>
<td>Black Mountain Sand</td>
<td>Services</td>
<td>Manufacturer and supplier of in-basin frac sand to the oilfields, exploration and production industries.</td>
<td>Apr-17</td>
<td>Eagle Ford Shale and Mid-Continent region</td>
</tr>
<tr>
<td>Luxe Minerals</td>
<td>Upstream</td>
<td>The company operates as an acquisition vehicle with a focus on the mineral and royalty interests in oil and liquids-rich basins throughout the United States.</td>
<td>Mar-17</td>
<td>US</td>
</tr>
<tr>
<td>Avad Energy Partners</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas production company</td>
<td>Jan-17</td>
<td>US</td>
</tr>
<tr>
<td>Camino Natural Resources</td>
<td>Upstream</td>
<td>Provider of investment capital to oil and natural gas companies.</td>
<td>Jan-17</td>
<td></td>
</tr>
<tr>
<td>Confluence Resources</td>
<td>Upstream</td>
<td>Operator of an energy exploration and production company in Denver, Colorado.</td>
<td>Sep-16</td>
<td>US</td>
</tr>
<tr>
<td>Castlerock Exploration</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration company</td>
<td>Sep-16</td>
<td>Frio, La Salle, and McMullen counties</td>
</tr>
<tr>
<td>Delaware Basin System</td>
<td>Midstream</td>
<td>A cryogenic gas processing plant.</td>
<td>Aug-16</td>
<td>Texas</td>
</tr>
<tr>
<td>-----------------------</td>
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<tr>
<td>Wing Resources</td>
<td>Upstream</td>
<td>Operator of oil fields in Permian Basin.</td>
<td>Aug-16</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Four Corners Petroleum</td>
<td>Upstream</td>
<td>Operator of an independent oil and gas company based out of Colorado.</td>
<td>Jul-16</td>
<td>Colorado</td>
</tr>
<tr>
<td>Torrent Oil</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas company</td>
<td>Feb-16</td>
<td>Gulf Coast, East Texas and Ark-La-Tex Basins</td>
</tr>
<tr>
<td>Fort Worth Mineral Co.</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas production company created to acquire producing and non-producing oil and gas interests across the United States</td>
<td>Jun-16</td>
<td>US</td>
</tr>
<tr>
<td>Teal Natural Resources</td>
<td>Upstream</td>
<td>Operator of oil and natural gas exploration company</td>
<td>May-16</td>
<td>Eagle Ford Shale</td>
</tr>
<tr>
<td>Conexus Energy</td>
<td>Energy Marketing</td>
<td>Provider of energy marketing and trading services.</td>
<td>Apr-16</td>
<td></td>
</tr>
<tr>
<td>Colgate Energy</td>
<td>Upstream</td>
<td>Operator of oil exploration and production company</td>
<td>Feb-16</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Black Mountain Oil &amp; Gas I</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company</td>
<td>Feb-16</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>Tap Rock Resources</td>
<td>Upstream</td>
<td>Operator of a gas exploration company</td>
<td>Jan-16</td>
<td>Permian Basin</td>
</tr>
<tr>
<td>East Texas Eagle Ford Shale Oil &amp; Gas Leases</td>
<td>Upstream</td>
<td>A group of oil and gas leases in a segment of the East Texas Ford Shale in Texas. The leases are for 10,264 net acres, primarily in Brazos and Burleson counties.</td>
<td>Dec-15</td>
<td>Eagle Ford Shale</td>
</tr>
<tr>
<td>Juniper Resources</td>
<td>Upstream</td>
<td>Operator of an oil and gas company with operations mainly in the San Juan Basin.</td>
<td>Oct-15</td>
<td>San Juan Basin</td>
</tr>
<tr>
<td>Wild Wind Petroleum</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration services.</td>
<td>Oct-15</td>
<td>Canada</td>
</tr>
<tr>
<td>Rebellion Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas company. The company focuses on acquisitions and development in the Mid-Continent Region.</td>
<td>May-15</td>
<td>Mid-Continent Region</td>
</tr>
<tr>
<td>Luxe Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas company based in Austin, Texas.</td>
<td>May-15</td>
<td>US</td>
</tr>
<tr>
<td>Crimson Pipeline</td>
<td>Midstream</td>
<td></td>
<td>May-15</td>
<td>Louisiana</td>
</tr>
<tr>
<td>Axia Energy II</td>
<td>Upstream</td>
<td>Operator of an oil and gas holding company.</td>
<td>Mar-15</td>
<td>Rocky Mountains</td>
</tr>
<tr>
<td>Kinetics Energy Services</td>
<td>Services</td>
<td>Provider of well completions and production enhancement services.</td>
<td>Mar-15</td>
<td>Texas</td>
</tr>
<tr>
<td>Company Name</td>
<td>Category</td>
<td>Description</td>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>----------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Prairie Storm Energy</td>
<td>Upstream</td>
<td>Developer of large-scale oil and gas assets.</td>
<td>Feb-15</td>
<td>Western Canada</td>
</tr>
<tr>
<td>Tecolote Energy</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production services.</td>
<td>Jan-15</td>
<td>Oklahoma, Texas</td>
</tr>
<tr>
<td>CanEra Resources III</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company. The company is focused on the acquisition, exploitation and exploration of large oil and gas-in-place deposits in the Western Canadian Sedimentary Basin (&quot;WCSB&quot;).</td>
<td>Jan-15</td>
<td>Western Canadian Sedimentary Basin</td>
</tr>
<tr>
<td>Crossing Rocks Energy Partners</td>
<td>Upstream</td>
<td>Operator of a portfolio of oil and gas assets.</td>
<td>Jan-15</td>
<td>Mid-continent, East Texas, Permian basin</td>
</tr>
<tr>
<td>PCORE Exploration &amp; Production</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company.</td>
<td>May-14</td>
<td>Delaware Basin</td>
</tr>
<tr>
<td>Blackbeard Operating</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company.</td>
<td>Jan-14</td>
<td>US</td>
</tr>
<tr>
<td>Bravo Natural Resources</td>
<td>Upstream</td>
<td>Operator of a petroleum and natural gas exploration company.</td>
<td>Dec-13</td>
<td>Oklahoma, Texas</td>
</tr>
<tr>
<td>Catapult Energy Services Group</td>
<td>Services</td>
<td>Provider of consultation, reporting, and investment services intended to accelerate oilfield services companies.</td>
<td>May-13</td>
<td>US</td>
</tr>
<tr>
<td>HighMark Energy</td>
<td>Upstream</td>
<td>Operator of an oil and natural gas company</td>
<td>Jan-13</td>
<td>US</td>
</tr>
<tr>
<td>Steward Energy</td>
<td>Upstream</td>
<td>Operator of an oil and gas exploration and production company.</td>
<td>Aug-12</td>
<td>Texas</td>
</tr>
<tr>
<td>Petrus Resources (TSE: PRQ)</td>
<td>Upstream</td>
<td>It is engaged in the acquisition, development, exploration, and exploitation of energy business assets.</td>
<td>Jul-12</td>
<td>Ferrier, Central Alberta, and the Rocky Mountain foothills</td>
</tr>
<tr>
<td>BlueStone Natural Resources</td>
<td>Upstream</td>
<td>Explorer of oil and gas resources in the United States.</td>
<td>Jan-12</td>
<td>US</td>
</tr>
<tr>
<td>Samson Resources</td>
<td>Upstream</td>
<td>Provider of oil and natural gas services intended to explore, develop and produce oil and natural gas from properties located onshore in the United States.</td>
<td>Dec-11</td>
<td>Williston, Powder River, Greater Green River, San Juan, Anadarko and East Texas basins</td>
</tr>
</tbody>
</table>

**Contact:** Jim Baker, 312-933-0230  jim.baker@PEstakeholder.org
## Asset Manager: Quantum Energy Partners

AUM: $11 billion

<table>
<thead>
<tr>
<th>Company</th>
<th>Type</th>
<th>Description</th>
<th>Acquired</th>
<th>Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesa Minerals Partners</td>
<td>Upstream</td>
<td>Provider of capital for mineral and royalty interests.</td>
<td>Oct-18</td>
<td>East Texas and North Louisiana Haynesville and Cotton Valley play</td>
</tr>
<tr>
<td>HG Energy</td>
<td>Upstream</td>
<td>HG Energy is a producer of natural gas and oil</td>
<td>May-18</td>
<td>West Virginia, Pennsylvania</td>
</tr>
<tr>
<td>Trace Midstream Partners</td>
<td>Midstream</td>
<td>Provider of a midstream company focused on the acquisition and development of gas gathering, treating and transportation assets</td>
<td>Apr-18</td>
<td>Eagle Ford Shale, Haynesville Shale</td>
</tr>
<tr>
<td>PetroLogistics II</td>
<td>Midstream, Downstream</td>
<td>The company's operations are focused on acquiring, developing and operating petrochemical manufacturing, processing and logistics assets in North America.</td>
<td>Jan-18</td>
<td>North America</td>
</tr>
<tr>
<td>Premium Oilfield Technologies</td>
<td>Equipment</td>
<td>Manufacturer and distributor of drilling rig equipment.</td>
<td>Nov-17</td>
<td>US</td>
</tr>
<tr>
<td>Impact Exploration and Production Partners</td>
<td>Upstream</td>
<td>Provider of oil and exploration and infrastructure services.</td>
<td>Jul-17</td>
<td>Rocky Mountain region</td>
</tr>
<tr>
<td>Middle Fork Energy Partners</td>
<td>Upstream</td>
<td>Operator of an energy assets acquisition and development company</td>
<td>May-17</td>
<td>Rocky Mountain region</td>
</tr>
<tr>
<td>Vitruvian Exploration IV</td>
<td>Upstream</td>
<td>The company focuses on acquiring, developing and operating unconventional oil and gas assets</td>
<td>Apr-17</td>
<td>Eagle Ford Shale in South Texas</td>
</tr>
<tr>
<td>Wishbone Energy Partners</td>
<td>Upstream</td>
<td>Operator and developer of onshore conventional and unconventional oil and gas reservoirs.</td>
<td>Feb-17</td>
<td>Permian Basin, East Texas, Mid-Continent</td>
</tr>
<tr>
<td>Sentinel Peak Resources</td>
<td>Upstream</td>
<td>Developer and explorer of oil and gas assets.</td>
<td>Apr-16</td>
<td>San Joaquin, LA Basins of California</td>
</tr>
<tr>
<td>Vitruvian Exploration III</td>
<td>Upstream</td>
<td>Operator of an independent oil and natural gas company.</td>
<td>Dec-15</td>
<td>United States</td>
</tr>
<tr>
<td>QL Energy I</td>
<td>Upstream</td>
<td>Operator of a company acquiring oil and gas properties. The company is involved in acquiring, development and use of oil and gas properties, including related gathering, compression and processing assets.</td>
<td>Jun-15</td>
<td>United States</td>
</tr>
<tr>
<td>Company</td>
<td>Sector</td>
<td>Description</td>
<td>Date</td>
<td>Location/Region</td>
</tr>
<tr>
<td>-------------------------</td>
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<td>---------------------------------------</td>
</tr>
<tr>
<td>Intensity Midstream</td>
<td>Midstream</td>
<td>Owner and operator of midstream assets.</td>
<td>Jun-15</td>
<td>SCOOP play of Southern Oklahoma’s Woodford Shale and Springer Shale</td>
</tr>
<tr>
<td>Rockcliff Energy</td>
<td>Upstream</td>
<td>Operator of a privately-held oil and gas company.</td>
<td>Apr-15</td>
<td>Ark-La-Tex, Mid-Continent, Permian Basin</td>
</tr>
<tr>
<td>ExL Holdings</td>
<td>Upstream</td>
<td>Developer of oil and gas resources.</td>
<td>Nov-14</td>
<td>Permian basin of West Texas</td>
</tr>
<tr>
<td>ZaZa Energy</td>
<td>Upstream</td>
<td>ZaZa Energy Corp is an independent oil and gas company.</td>
<td>Sep-14</td>
<td>Eagle Ford East trend in East Texas and the Eagle Ford trend in South Texas</td>
</tr>
<tr>
<td>Tug Hill Operating</td>
<td>Upstream</td>
<td>Explorer and producer of oil and gas.</td>
<td>Aug-14</td>
<td>United States</td>
</tr>
<tr>
<td>FourPoint Energy</td>
<td>Upstream</td>
<td>Provider of oil and gas exploration and production services intended to develop oil and natural gas assets.</td>
<td>Jun-14</td>
<td>Texas</td>
</tr>
<tr>
<td>Tanos Exploration II</td>
<td>Upstream</td>
<td>Operator of an upstream oil and gas exploration company.</td>
<td>May-16</td>
<td>East Texas and North Louisiana</td>
</tr>
<tr>
<td>Rio Oil and Gas</td>
<td>Upstream</td>
<td>Developer and acquirer of oil and gas assets.</td>
<td>Jul-13</td>
<td>North America</td>
</tr>
<tr>
<td>Legion Energy Services</td>
<td>Midstream</td>
<td>Provider of natural gas and crude oil gathering, processing, and marketing services.</td>
<td>Apr-13</td>
<td>Mid-continent and Bakken regions</td>
</tr>
<tr>
<td>Vitruvian Exploration II</td>
<td>Upstream</td>
<td>Operator of an independent oil and gas company.</td>
<td>Aug-12</td>
<td>US</td>
</tr>
<tr>
<td>Phoenix Services (Fluids Management)</td>
<td>Services</td>
<td>Provider of fluids management and related oilfield services to oil and gas producers.</td>
<td>Jul-12</td>
<td>US</td>
</tr>
<tr>
<td>Renaissance Offshore</td>
<td>Upstream</td>
<td>Developer and acquirer of oil and gas field assets.</td>
<td>Dec-11</td>
<td>Gulf of Mexico</td>
</tr>
<tr>
<td>Quantum Utility Generation</td>
<td>Power Generation</td>
<td>Developer of conventional and alternative energy projects in North America. The company builds, buys, manages, optimizes and sells power generation assets across multiple fuel types.</td>
<td>Sep-10</td>
<td>North America</td>
</tr>
<tr>
<td>Ceritas Energy II</td>
<td>Midstream</td>
<td>Provider of midstream energy services to natural gas producers.</td>
<td>Feb-08</td>
<td>Rockies, the Gulf Coast, and the Uintah basin</td>
</tr>
</tbody>
</table>