

# EQUITY RESEARCH TEAM



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# EQUITY COVERAGE UNIVERSE



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 Antero Resources Corp. (AR)  
 Cabot Oil & Gas Corp. (COG)  
 Carrizo Oil & Gas, Inc. (CRZO)  
 Cimarex Energy Corp. (XEC)  
 Comstock Resources, Inc. (CRK)  
 Eclipse Resources Corp. (ECR)  
 Energen Corp. (EGN)  
 EQT Corp. (EQT)  
 Lilis Energy, Inc. (LLEX)  
 Noble Energy, Inc. (NBL)  
 Parsley Energy, Inc. (PE)  
 Range Resources Corp. (RRC)  
 Rolute Energy Corp. (REN)  
 Rex Energy Corp. (REXX)  
 Rice Energy Inc. (RICE)  
 Sanchez Energy Corp. (SN)

Approach Resources, Inc. (AREX)  
 Bill Barrett Corp. (BBG)  
 Bonanza Creek Energy, Inc. (BCEI)  
 Callon Petroleum Company (CPE)  
 Chesapeake Energy Corp. (CHK)  
 Concho Resources Inc. (CXO)  
 Contango Oil & Gas Company (MCF)  
 Continental Resources, Inc. (CLR)  
 Devon Energy Corp. (DVN)  
 Gulfport Energy Corp. (GPOR)  
 Halcón Resources Corp. (HK)  
 Laredo Petroleum, Inc. (LPI)  
 Matador Resources Company (MTDR)  
 Newfield Exploration Company (NFX)  
 PDC Energy Inc. (PDCE)  
 RSP Permian, Inc. (RSP)  
 SM Energy Company (SM)  
 SRC Energy Inc. (SRCI)  
 Unit Corp. (UNT)  
 WPX Energy, Inc. (WPX)

Abraxas Petroleum Corp. (AXAS)  
 Apache Corp. (APA)  
 Diamondback Energy, Inc. (FANG)  
 Earthstone Energy, Inc. (ESTE)  
 Gastar Exploration, Inc. (GST)  
 Jones Energy, Inc. (JONE)  
 Lonestar Resources Ltd. (LONE)  
 Marathon Oil Corp. (MRO)  
 Northern Oil and Gas, Inc. (NOG)  
 Oasis Petroleum Inc. (OAS)  
 PetroQuest Energy, Inc. (PQ)  
 Pioneer Natural Resources Company (PXD)  
 Ring Energy, Inc. (REI)  
 SandRidge Energy, Inc. (SD)  
 Southwestern Energy Company (SWN)  
 Stone Energy Corp. (SGY)  
 Sundance Energy Corporation (SNDE)  
 TransAtlantic Petroleum Ltd. (TAT)  
 W&T Offshore, Inc. (WTI)  
 Whiting Petroleum Corp. (WLL)

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Baker Hughes Incorporated (BHI)  
 Basic Energy Services, Inc. (BAS)  
 Diamond Offshore Drilling Inc. (DO)  
 Eco-Stim Energy Solutions, Inc. (ESES)  
 Emerge Energy Services LP (EMES)  
 Enscoc plc (ESV)  
 Flotek Industries Inc. (FTK)  
 FMC Technologies, Inc. (FTI)  
 Frank's International NV (FI)  
 Halliburton Company (HAL)  
 Helmerich & Payne Inc. (HP)  
 Hornbeck Offshore, Inc. (HOS)  
 Key Energy Services Inc. (KEG)  
 Nabors Industries Ltd. (NBR)  
 National Oilwell Varco, Inc. (NOV)  
 Natural Gas Services Group, Inc. (NGS)

Noble Corp. (NE)  
 Nordic American Offshore Ltd. (NAO)  
 Oceaneering International, Inc. (OII)  
 Parker Drilling Co. (PKD)  
 Patterson-UTI Energy Inc. (PTEN)  
 Pioneer Energy Services (PES)  
 Rowan Companies Inc. (RDC)  
 RPC Inc. (RES)  
 Schlumberger Limited (SLB)  
 Seadrill Limited (SDRL)  
 Solaris Oilfield Infrastructure Inc. (SOI)  
 Superior Energy Services, Inc. (SPN)  
 Tesco Corporation (TESO)  
 Transocean Ltd. (RIG)  
 Weatherford International Ltd. (WFT)  
 Xtreme Drilling Corp. (XDC-T)

## MLPs/Energy Infrastructure

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ARC Logistics Partners LP (ARCX)  
 Golar LNG Partners LP (GMLP)  
 Hoegh LNG Partners LP (HMLP)  
 Sanchez Midstream Partners LP (SNMP)  
 Seadrill Partners LLC (SDLP)  
 Targa Resources Corp (TRGP)  
 Tesoro Logistics LP (TLLP)

# EQUITY COVERAGE UNIVERSE



Coal; Gas Utilities; Railroads	Maritime Transportation	Airfreight and Maritime Logistics
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<p><b>Coal</b></p> <ul style="list-style-type: none"> <li>Alliance Resource Partners LP (ARLP)</li> <li>Arch Coal, Inc. (ARCH)</li> <li>Cloud Peak Energy Inc. (CLD)</li> <li>CNX Coal Resources LP (CNXC)</li> <li>Natural Resource Partners LP (NRP)</li> <li>Peabody Energy Corporation (BTU)</li> <li>Ramaco Resources, Inc (METC)</li> <li>Warrior Met Coal, Inc. (HCC)</li> <li>Westmoreland Coal Co. (WLB)</li> </ul> <p><b>Gas Utilities</b></p> <ul style="list-style-type: none"> <li>Atmos Energy Corp. (ATO)</li> <li>Chesapeake Utilities Corp. (CPK)</li> <li>New Jersey Resources Corp. (NJR)</li> <li>ONE Gas Inc. (OGS)</li> <li>WGL Holdings Inc. (WGL)</li> </ul> <p><b>Railroads</b></p> <ul style="list-style-type: none"> <li>Canadian National Railway (CNI)</li> <li>Canadian Pacific Railway Limited (CP)</li> <li>CSX Corporation (CSX)</li> <li>Kansas City Southern (KSU)</li> <li>Norfolk Southern Corp. (NSC)</li> <li>Union Pacific Corporation (UNP)</li> </ul>	<p><b>Tankers</b></p> <ul style="list-style-type: none"> <li>Ardmore Shipping (ASC)</li> <li>DHT Holdings, Inc. (DHT)</li> <li>Euronav NV (EURN)</li> <li>Frontline Ltd. (FRO)</li> <li>Gener8 Maritime (GNRT)</li> <li>Hafnia Tankers Ltd. (HAFNIA-NO)</li> <li>International Seaways Inc. (INSW)</li> <li>Nordic American Tankers Limited (NAT)</li> <li>Scorpio Tankers Inc. (STNG)</li> <li>Tanker Investments Ltd. (TIL-NO)</li> <li>Teekay Tankers Ltd. (TNK)</li> <li>Tsakos Energy Navigation Ltd. (TNP)</li> </ul> <p><b>LNG/LPG</b></p> <ul style="list-style-type: none"> <li>GasLog Ltd. (GLOG)</li> <li>Golar LNG Ltd. (GLNG)</li> </ul> <p><b>Dry Bulk</b></p> <ul style="list-style-type: none"> <li>Diana Shipping Inc. (DSX)</li> <li>Eagle Bulk Shipping Inc. (EGLE)</li> <li>Genco Shipping &amp; Trading Ltd. (GNK)</li> <li>Golden Ocean Group Limited (GOGL)</li> <li>Scorpio Bulkers Inc. (SALT)</li> <li>Safe Bulkers, Inc. (SB)</li> <li>Star Bulk Carriers Corp. (SBLK)</li> </ul> <p><b>Diversified</b></p> <ul style="list-style-type: none"> <li>Ship Finance International Limited (SFL)</li> </ul>	<p><b>Airfreight &amp; Logistics</b></p> <ul style="list-style-type: none"> <li>Air Transport Services Group, Inc. (ATSG)</li> <li>Atlas Air Worldwide Holdings Inc. (AAWW)</li> <li>FedEx Corporation (FDX)</li> <li>Forward Air Corp. (FWRD)</li> <li>Hub Group Inc. (HUBG)</li> <li>Radiant Logistics, Inc. (RLGT)</li> <li>Ryder System, Inc. (R)</li> <li>United Parcel Service, Inc. (UPS)</li> <li>XPO Logistics, Inc. (XPO)</li> </ul> <p><b>Maritime</b></p> <ul style="list-style-type: none"> <li>Danaos Corporation (DAC)</li> <li>Global Ship Lease, Inc. (GSL)</li> <li>Kirby Corporation (KEX)</li> <li>Matson, Inc. (MATX)</li> <li>Seaspan Corporation (SSW)</li> </ul>

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Automotive	Trucks; Trucking & Suppliers	Machinery
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<p><b>Auto Manufacturers</b>                      Ford Motor Company (F)                      General Motors, Co. (GM)</p> <p><b>Automotive Suppliers</b>                      Adient plc (ADNT)                      BorgWarner Inc. (BWA)                      Cooper-Standard Holdings Inc. (CPS)                      Delphi Automotive PLC (DLPH)                      Lear Corp. (LEA)                      Superior Industries, Inc. (SUP)                      Tower International, Inc. (TOWR)</p> <p><b>Auto Dealers</b>                      AutoNation Inc. (AN)                      Group 1 Automotive Inc. (GPI)                      Lithia Motors Inc. Cl A (LAD)                      Penske Automotive Group Inc. (PAG)</p>	<p><b>Truck &amp; Trailer OEMs</b>                      Navistar International Corporation (NAV)                      PACCAR Inc. (PCAR)                      Wabash National Corp. (WNC)</p> <p><b>Truck Suppliers</b>                      Allison Transmission Holdings, Inc. (ALSN)                      Cummins Inc. (CMI)                      Rush Enterprises, Inc. (RUSHA)                      Spartan Motors Inc. (SPAR)                      WABCO Holdings Inc. (WBC)</p> <p><b>Trucking</b>                      ArcBest Corporation (ARCB)                      Celadon Group Inc. (CGI)                      Covenant Transportation Group, Inc. (CVTI)                      Heartland Express, Inc. (HTLD)                      Knight Transportation Inc. (KNX)                      Marten Transport Ltd. (MRTN)                      Old Dominion Freight Line Inc. (ODFL)                      SAIA, Inc. (SAIA)                      Swift Transportation Company (SWFT)                      Werner Enterprises Inc. (WERN)                      YRC Worldwide Inc. (YRCW)</p>	<p><b>Agricultural &amp; Turf Machinery</b>                      AGCO Corporation (AGCO)                      Alamo Group, Inc. (ALG)                      CNH Industrial N.V. (CNHI)                      Deere &amp; Company (DE)                      Lindsay Corporation (LNN)                      Toro Co. (TTC)</p> <p><b>Construction Machinery</b>                      Astec Industries, Inc. (ASTE)                      ASV Holdings Inc. (ASV)                      Manitex International, Inc. (MNTX)                      Manitowoc Company, Inc. (MTW)                      Oshkosh Corporation (OSK)                      Terex Corp. (TEX)</p> <p><b>Industrial Machinery</b>                      Columbus McKinnon Corp. (CMCO)                      Commercial Vehicle Group Inc. (CVGI)                      Douglas Dynamics, Inc. (PLOW)                      Hyster-Yale Materials Handling, Inc. (HY)                      Modine Manufacturing Company (MOD)                      Stanley Black &amp; Decker, Inc. (SWK)</p>

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Aerospace & Defense; Aerospace Materials	Diversified Industrials	Flow Control; Engineering & Construction
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<p><b>Aerospace &amp; Defense</b></p> <p>CACI International Inc. (CACI)                      FLIR Systems, Inc. (FLIR)                      Harris Corporation (HRS)                      Kratos Defense &amp; Security Solutions, Inc. (KTOS)                      PTC Inc. (PTC)                      Rockwell Collins Inc. (COL)                      Spirit AeroSystems Holdings Inc. (SPR)                      Science Applications International Corporation (SAIC)                      The Boeing Company (BA)                      The KEYW Holding Corporation (KEYW)</p> <p><b>Aerospace Materials</b></p> <p>Arconic Inc. (ARNC)                      Allegheny Technologies Inc. (ATI)                      Constellium N.V. (CSTM)                      Carpenter Technology Corporation (CRS)                      Kaiser Aluminum Corporation (KALU)</p>	<p><b>Diversified</b></p> <p>Chart Industries Inc. (GTLS)                      Federal Signal Corp. (FSS)                      Gibraltar Industries, Inc. (ROCK)                      Graco Inc. (GGG)                      Horizon Global Corp. (HZN)                      Illinois Tool Works Inc. (ITW)                      John Bean Technologies Corporation (JBT)                      Kadant Inc. (KAI)                      Kennametal Inc. (KMT)                      Lennox International, Inc. (LII)                      Lincoln Electric Holdings, Inc. (LECO)                      Mine Safety Appliances (MSA)                      MRC Global Inc. (MRC)                      Mueller Water Products, Inc. (MWA)                      Nordson Corporation (NDSN)                      NOW Inc. (DNOW)                      RBC Bearings Incorporated (ROLL)                      Regal Beloit Corporation (RBC)                      TriMas Corp (TRS)                      Twin Disc Inc. (TWIN)                      Watsco Inc. (WSO)                      Welbilt, Inc. (WBT)</p>	<p><b>Flow Control</b></p> <p>CECO Environmental Corp. (CECE)                      CIRCOR International, Inc. (CIR)                      Colfax Corporation (CFX)                      Crane Co. (CR)                      Curtiss-Wright Corp. (CW)                      Dover Corporation (DOV)                      Flowserve Corporation (FLS)                      Forterra, Inc. (FRTA)                      Franklin Electric Co., Inc. (FELE)                      IDEX Corporation (IEX)                      ITT Corporation (ITT)                      Pentair plc (PNR)                      SPX FLOW, Inc. (FLOW)                      Watts Water Technologies, Inc. (WTS)                      Xylem Inc. (XYL)</p> <p><b>Engineering &amp; Construction</b></p> <p>Aegion Corporation (AEGN)                      Fluor Corporation (FLR)                      Granite Construction Inc. (GVA)                      NV5 Holdings, Inc. (NVEE)                      Primoris Services Corp. (PRIM)                      Quanta Services, Inc. (PWR)                      Tetra Tech Inc. (TTEK)                      Tutor Perini Corporation (TPC)                      Willdan Group, Inc. (WLDN)</p>

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Building Products & Furnishings	Specialty Chemicals; Coatings	Macro Strategies
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<p>Acuity Brands, Inc (AYI)            Beacon Roofing Supply Inc. (BECN)            Belden Inc. (BDC)            BMC Stock Holdings, Inc. (BMCH)            Builders FirstSource, Inc. (BLDR)            Continental Building Products Inc. (CBPX)            GMS Inc. (GMS)            Herman Miller, Inc. (MLHR)            HNI Corp (HNI)            Installed Building Products Inc. (IBP)            Interface, Inc. (TILE)            Knoll Inc (KNL)            NCI Building Systems Inc. (NCS)            Owens Corning (OC)            Ply Gem Holdings, Inc. (PGEM)            Steelcase Inc. (SCS)            TopBuild Corp. (BLD)            Trex Co. Inc. (TREX)</p>	<p><b>Specialty Chemicals</b>            A. Schulman Inc. (SHLM)            Air Products &amp; Chemicals Inc. (APD)            Albemarle Corporation (ALB)            Ashland Inc. (ASH)            Chemtura Corporation (CHMT)            Ecolab Inc. (ECL)            Ferro Corporation (FOE)            FMC Corp. (FMC)            GCP Applied Technologies Inc. (GCP)            HB Fuller Co. (FUL)            KMG Chemicals, Inc. (KMG)            PolyOne Corporation (POL)            Praxair Inc. (PX)            Quaker Chemical Corp. (KWR)            Stepan Company (SCL)            W. R. Grace &amp; Co. (GRA)            Valvoline Inc. (VVV)            Versum Materials, Inc. (VSM)</p> <p><b>Coatings</b>            Axalta Coating Systems Ltd. (AXTA)            PPG Industries Inc. (PPG)            RPM International Inc. (RPM)            Sherwin-Williams Company (SHW)            The Valspar Corporation (VAL)</p> <p><b>Other</b>            Par Pacific Holdings, Inc. (PARR)</p>	<p><b>Macro Reports &amp; Subjects</b>            Weekly EIA Scorecard            Weekly Natural Gas Storage            Monthly Crude Oil and Natural Gas Macro Studies            Weekly Coal, Crude Oil, Intermodal by Rail Stats            Labor Market Analytics            Consumer Buying and Sentiment Surveys            Retail Sales Analytics            Real Estate and Construction Presentations            S&amp;P 500 Valuation Trends            Stock Investor Sentiment Trends            Major Stock Index Technical Trends</p>





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