

VOLUME 48 | APRIL 2020

# PIPELINERS

HALL of FAME NEWS







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## PIPELINERS

HALL of FAME NEWS

VOLUME 47  
APRIL 2020

Published by



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Send your comments, stories and pipeline photos to [tbostic@pipelinejobs.com](mailto:tbostic@pipelinejobs.com)

### EVENT CALENDAR

The **APCA 2020 Convention** has been postponed. The 2020 convention will now be held at:  
Trump International Hotel  
Washington DC  
October 6 - 11, 2020

**Courses available by teleconference:**  
**Intro to the Natural Gas Industry**  
May 12, 2020 | Jacksonville, FL

**Introduction to the Liquefied Natural Gas Industry**  
May 14-15, 2020 - Jacksonville, FL

**Pipeline Reunion**  
The 2020 Pipeline Reunion that was to be held in Broken Bow, OK has been postponed.

### Disclaimer

While readers of this publication receive the benefit of our comments, none of the information contained herein constitutes a recommendation from us. Although we do our very best to provide the most accurate information available, the contents of this publication should be used as a guide and not as official information.

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## LATEST JOB REPORTS

**PLEASE NOTE:** Some of the following jobs have been delayed due to COVID-19.

The **Whistler Pipeline** consortium has awarded contracts to **Troy Construction**, ph (281)437-8214, **Strike Construction**, ph (888)353-1444 and **Pumpco, Inc.**, ph (979)542-9054. The **Whistler Pipeline** is an approximately 450-mile, 42-inch intrastate pipeline that will transport natural gas from an interconnect with the Waha Header near Coyanosa, Texas in the Permian Basin to a terminus near Agua Dulce, Texas, providing direct access to South Texas markets and consumers. An approximately 50-mile 36-inch lateral will provide connectivity for gas processors in the Midland Basin. The pipeline will have transportation capacity of 2 billion cubic feet per day (Bcf/d). Construction is expected to begin in August 2020.

**Columbia Gas Transmission** has awarded contracts for the **Buckeye Xpress Project**. The project will include approx. 66.2 miles of 36-inch pipeline; and abandoning approximately 60.8 miles of 20- and 24-inch pipeline and appurtenances to be located in Vinton, Jackson, Gallia, and Lawrence Counties, Ohio and Wayne County, West Virginia Columbia. Contractors are: **Price Gregory International**, ph (713) 780-7500, **U. S. Pipeline, Inc.**, ph (281) 531-6100, and **Associated Pipe Line Contractors**, ph (713) 789-4311. Work is anticipated to begin in June 2020.

**Intercon Construction Inc.**, ph (608) 850-4820 has been awarded a contract by Ameren Illinois for 24-inch pipeline station work including pigging in Peoria, Warren and McDonough Counties Wisconsin. Superintendent is Troy Heath. The approximate starting date is May 11, 2020.

**Latex Construction**, ph (770)760-0820 is expected to get underway in May 2020 with a contract for PSNC Incorporated, d/b/a Dominion Energy North Carolina for the installation of approximately 38 miles of 20-inch pipeline in Franklin and Wake Counties, North Carolina. Headquarters is in Bunn, North Carolina. Superintendents are Cotton Jordan and Bill Burt.

**BluRoc LLC**, ph (888) 637-9770 has been awarded a contract by Latex Construction Company for clearing, matting and fence installation on approximately 38 miles of 20-inch pipeline in Franklin and Wake Counties, North Carolina. Headquarters is in Bunn, North Carolina. Superintendent is Jay Pelley.

**WHC, Inc.**, ph (337) 837-8765 has been awarded a contract by **TECO Energy** for construction of approximately 38 miles of 24-inch pipeline from Pensacola, Florida to Flomaton, Alabama. Work is anticipated to begin in May 2020.

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LATEST JOB REPORTS

**Hoover Construction Company**, ph (210) 224-5871 has been awarded a contract by U.S. Pipeline, Inc. for drilling and blasting on approximately 19 miles of 36-inch pipeline right-of-way in Jackson, Gallia and Lawrence Counties, Ohio. Headquarters is Jackson, Ohio. Superintendent is Tom Froehlingsdorf. The approximate starting date is April 2020.

**The Hillis Group, LLC**, ph (610) 438-3921 has been awarded a contract by Williams Transco restoration and anomaly dig work on a 42-inch pipeline in Lebanon County, Pennsylvania. Headquarters is in Jonestown, Pennsylvania. Superintendent is Brett Ehasz. The approximate starting date is April 1, 2020.

**Henkels & McCoy, Inc.**, ph (888) 436-5957 has been awarded a contract by Columbia Gulf Transmission LLC/ TC Energy for three 36-inch and 30-inch pipeline road bore replacements in Williamson and Davidson Counties, Tennessee. Headquarters is in Brentwood, Tennessee. Superintendent is David Csepegi. The approximate starting date April 1, 2020.

**Pe Ben USA, Inc.**, ph (281) 452-5915 has been awarded a contract by Strike for the loading and hauling of approximately 62.2 miles of 36-inch pipe in Colorado, Wharton and Brazoria Counties, Texas. Headquarters is in Garwood, Texas, Superintendent is Robert Cooley. The approximate starting date is April 1, 2020.

**Q3 Contracting, Inc.**, ph (651) 224-2424 has been awarded a contract by Xcel Energy for the maintenance of various 2-inch to 20-inch high pressure pipelines including the removal, replacement or relocation of pipelines, fabrication and installation of valves and regulators, strength tests, pig runs, and verification digs throughout various counties in Minnesota. Headquarters is in Little Canada, Minnesota. Superintendent is Andrew Jeske. The approximate stating date is April 6, 2020.

**Henkels & McCoy, Inc.**, ph (888) 436-5957 has been awarded a contract by Columbia Gas Transmission LLC (TC Energy) for clean-up / restoration work – slip remediation in Wirt, Roane, Jackson and Calhoun Counties, West Virginia. Headquarters is in Mineral Wells, West Virginia. Superintendent is Marty Moss. Work expected to begin April 1, 2020.

**Hoover Construction Company**, ph (210) 224-5871 has been awarded a contract by U.S. Pipeline, Inc. for drilling and blasting on approximately 19 miles of 36-inch pipeline right-of-way in Jackson, Gallia and Lawrence Counties, Ohio. Headquarters is Jackson, Ohio. Superintendent is Tom Froehlingsdorf. The approximate starting date is April 2020.

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LATEST JOB REPORTS

**InterCon Construction, Inc.**, ph (608) 850-4820 has been awarded a contract by Northern Natural for 29 casing remediation digs in Minnesota, Wisconsin, Iowa, Nebraska, Kansas, Oklahoma and Texas. Headquarters is in Waunakee, Wisconsin. Superintendent is Delbert Browning. The approximate starting date is April 1, 2020.

**InfraSource Construction, LLC**, ph ph (800) 832-1517 has been awarded a contract by Washington Gas for the installation of approximately 13,756 feet of 20-inch pipeline in Fredrick and Clarke Counties, Virginia. Headquarters is in Winchester, Virginia. Superintendent is Jason Nash. The approximate starting date is April 1, 2020.

**R. L. Coolsaet Construction Company**, (734) 946-9300 has been awarded a contract by DTE Energy for the take up and relay of approximately 3,400 feet of 30-inch pipeline in Oakland County, Michigan. Headquarters is in Wixom, Michigan. Superintendent is Bart Jeannette. The approximate starting date is April 1, 2020.

**Snelson Companies, Inc.**, ph (360) 856-6511 has been awarded a contract by Duke Energy for the installation of approximately 2.35 miles of 16-inch pipeline, valves and other appurtenances in Hamilton County, Ohio. Headquarters

is in Newtown, Ohio. Superintendent is Jeff Gregory. The approximate starting date is April 1, 2020.

**PeBen USA, Inc.**, ph (281) 452-5915 has been awarded a contract by DuraBond for the offloading from rail cars and stockpiling of approximately 40 miles of 30-inch pipe in Pecos and Fort Stockton Counties, Texas. Headquarters is in Fort Stockton, Texas. Superintendent is Greg Michel. The approximate starting date is April 1, 2020.

**Pe Ben USA, Inc.**, ph (281) 452-5915 has been awarded a contract by Whitewater Midstream for the offloading from rail and stockpiling approximately 52 miles of 42-inch and 30-inch pipe in Reeves County, Texas. Headquarters is in Pecos, Texas. Superintendent is J. W. Morgan. The approximate starting date was March 23, 2020.

**Hoover Construction Company**, ph (218) 741-3280 has been awarded a contract by Associated Pipe Line Contractors, Inc. for drilling and blasting on approximately 23 miles of 36-inch pipeline right-of-way in Lawrence County, Ohio. Headquarters is in Ironton, Ohio. Superintendent is Gus Jones. Work was slated to get underway in March 2020.

LATEST JOB REPORTS

**InfraSource Construction, LLC**, ph ph (800) 832-1517 has been awarded a contract by Washington Gas for the installation of approximately 13,756 feet of 20-inch pipeline in Fredrick and Clarke Counties, Virginia. Headquarters is in Winchester, Virginia. Superintendent is Jason Nash. The approximate starting date is April 1, 2020.

**Macki Pipeline Logistics, LLC**, ph (832) 214-6100 has been awarded a contract by Price Gregory International, Inc. for the offloading, hauling and stockpiling of approximately 26 miles of 36-inch pipe and for yard preparation in Jackson County, Ohio. Headquarters is in Jackson, Ohio. Superintendent is Bud Evou. The approximate starting date was March 16, 2020.

**T. G. Mercer Consulting Services, Inc.**, ph (817) 489-7100 has been awarded a contract by TC Energy for the load out of 23,322 feet of 36-inch pipe in Athens County, Ohio. Headquarters is in Willow Park, Texas. Superintendent is Larry Rodriguez. The approximate starting date was March 20, 2020.

**Troy Construction**, ph (281) 437-8214, **Pumpco, Inc.**, ph (979) 542-9054, and **MPG Pipeline Contractors, LLC**, ph (713) 955-9901 are underway with a job for Kinder Morgan and EagleClaw Midstream Ventures **Permian Highway Pipeline (PHP)** project. **Troy Construction** also has Spread 5 which

begins around the Luling, Texas area and continue toward the coast. The approximately 430 miles of 42-inch pipeline extends from the Waha in West Texas to Katy, Texas, areas, with connections to the U.S. Gulf Coast and Mexico markets. The PHP Project is expected to be in service in late 2020.

**Rockford Corporation**, ph (214)545-6780 is underway with a contract that includes construction of approximately 17 miles of 30-inch pipeline between Hueco and El Paso, Texas in Hudspeth and El Paso Counties. (**South Mainline Expansion Project**).

**WB Pipeline**, ph (832) 802-4790 is underway with a job for **Oneok** which includes construction of approximately 50 miles of 20-inch pipeline near Medford, Oklahoma.

It is reported that **Williams** has awarded contracts for its **Bluestem Pipeline**. The Bluestem Pipeline is a proposed 188-mile, 16-inch natural gas liquids (NGL) pipeline originating at Mid-Continent Fractionation & Storage LLC's (MCF&S) facility in Conway, Kansas. When completed, it will deliver NGLs to our customer's proposed pipeline system near Kingfisher, Oklahoma. Contracts are said to be awarded to **Jomax Construction**, ph (620)792-3686 and **WHC, Inc.**, ph (337)837-8765. Work underway.



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Approves Jordan Cove LNG Project and Pacific Connector Pipeline

On March 19, 2020, the Federal Energy Regulatory Commission issued approval for the Jordan Cove LNG Project and the Pacific Connector Pipeline Project.

The projects are proposed by the Canadian pipeline company, Pembina Pipeline Corp which took over the project in 2017.

The federal approval is “a significant milestone,” the company said in a statement. It is the first LNG project on the West Coast of the United States.

Last month, FERC postponed a decision on Jordan Cove LNG, to be located in Coos Bay, Oregon.

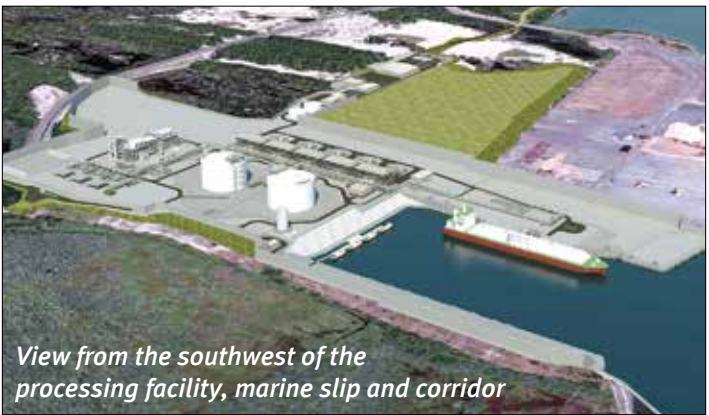
Oregon regulatory agencies have also rejected needed permits for the plant.

Liquefied Natural Gas (LNG) Terminal

The proposed LNG Terminal will be located on the North Spit at the Port of Coos Bay, on a site zoned for industrial development, approximately 7 nautical miles from the entrance of the federally controlled and maintained navigation channel. The LNG Terminal will be situated on 240 acres of land owned by Jordan Cove, which is designated as an Enterprise Zone by Oregon.

The project has all the essential characteristics for an optimal export facility. Some of those critical elements include:

- Proximity to active Asian markets
- Access to a reliable deepwater Port
- Diversified gas supply through existing gas gathering networks, pipelines and midstream facilities
- Connectivity to the gas trading hub near Malin, Oregon
- Strong political and community support
- No Panama Canal or hurricane risk
- Existing pipeline infrastructure in place to support exports
- LNG ships will transit 7 miles from the site to open ocean through a federally controlled and maintained navigational channel with very little other ship traffic



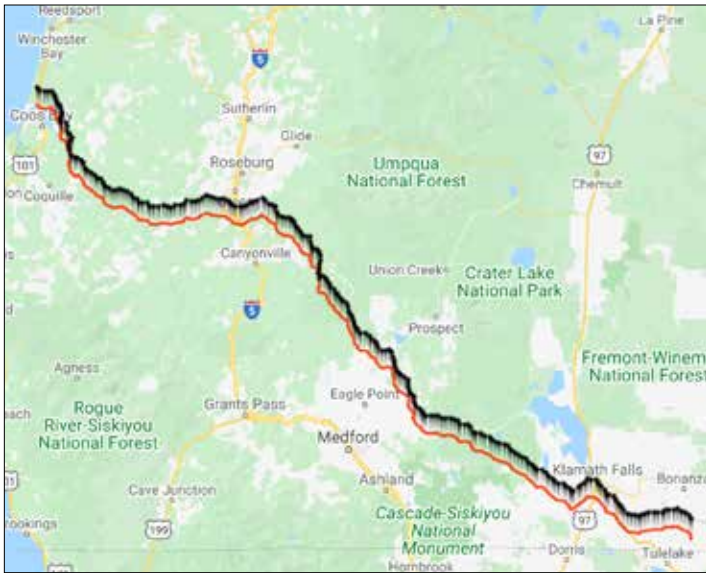
Pacific Connector Gas Pipeline

The proposed pipeline is a 36-inch diameter pipeline designed to transport natural gas approximately 229 miles from interconnections with the Ruby Pipeline and the Gas Transmission Northwest (GTN) Pipeline near Malin, Oregon, to the LNG Terminal in Coos County, Oregon.

The pipeline will cross approximately 40 miles of BLM-managed lands, approximately 30.58 miles of Forest Service managed lands in the Umpqua, Rogue River-Siskiyou, and Fremont-Winema National Forests, and approximately 0.31 mile of lands managed by the Bureau of Reclamation.

The facility could liquefy up to 1.04 billion cubic feet of natural gas per day for export to Asia. It would fill about 120 LNG carriers per year.

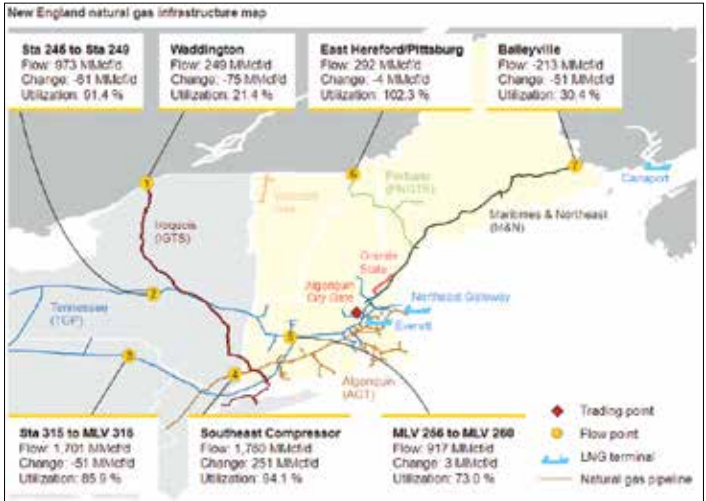
The project could move natural gas from the Rocky Mountain states to overseas markets. It could also serve Alberta so Canadian gas producers are very interested in the Oregon project.



Expects Pipelines Will Increase Natural Gas Deliverability in New England as a Result of Infrastructure Upgrades

Several natural gas pipeline upgrades are either planned or under construction in New England, which will increase deliverability into the region during the next several years. According to the U.S. Energy Administration's (EIA) tracking of natural gas pipeline projects, four pipelines are expected to increase compression in their systems by 2023, adding more than 350 million cubic feet per day (MMcf/d) of natural gas pipeline capacity into the region.

As of the end of 2019, EIA estimates pipeline capacity into New England from both Canada and New York was 5,200 MMcf/d. During days of peak demand in the winter, most of this capacity is fully utilized, which can lead to spikes in spot natural gas prices and, in turn, wholesale electricity prices. These projects may help ease the pipeline constraints into New England. For example, average winter utilization on the Algonquin Gas Transmission pipeline near the New York and Connecticut border has averaged about 89% so far this winter (Nov 1, 2019—March 6, 2020). EIA's New England Dashboard reports on daily utilization by pipeline (see map).

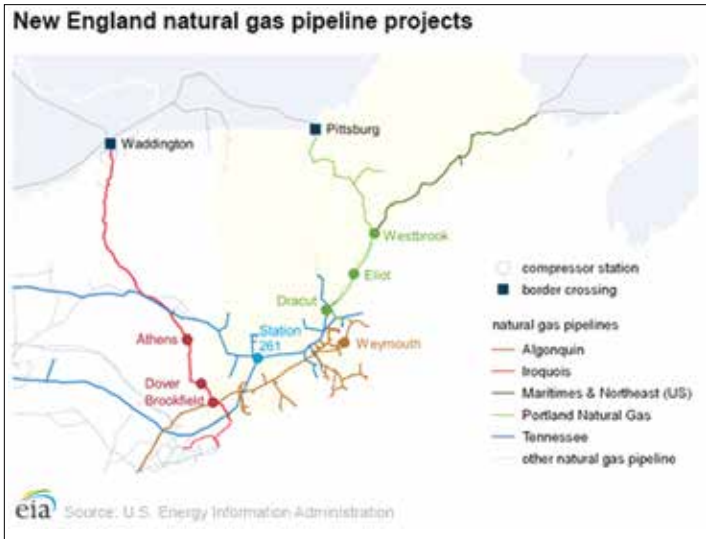


Source: U.S. Energy Information Administration, New England Dashboard.

The largest of these pipeline upgrade projects, which submitted its application to the Federal Energy Regulatory Commission (FERC) on February 4, is Iroquois pipeline's Iroquois Enhancement by Compression Project. By increasing the horsepower at three compression stations in New York and Connecticut, Iroquois pipeline will increase its capacity by 125 MMcf/d. The border crossing at Waddington in upstate New

York, which connects to the TransCanada Mainline, is already designed to supply these additional volumes. If approved, the project is expected to start construction in spring 2023 and be placed in service by November of that year.

On the Portland Natural Gas Transmission System, two projects will increase the volumes of natural gas imports from Canada received from the TransQuébec and Maritimes pipelines at Pittsburg, New Hampshire. These projects are the Portland Xpress Project Phase III, which will add 24 MMcf/d of capacity in 2020, and the Westbrook Xpress Project Phase II, which will add 63 MMcf/d of capacity after its expected completion in 2021. The previous phases of both projects have already entered service, and both projects only require modifications or upgrades at existing compressor stations.



In addition, two other projects will increase natural gas deliverability to New England from New York:

- Algonquin's Atlantic Bridge Phase II project will add 92.7 MMcf/d of additional capacity into New England when the Weymouth compressor station is completed in Massachusetts. The project, which has faced numerous delays, is expected to enter service either later in 2020 or in 2021.
- Tennessee Gas Pipeline's Station 261 Upgrade Projects will provide an additional 72 MMcf/d of capacity. These projects are expected to enter service in 2020 and upgrade compressor station 261 and add 2.1 miles of looping or new pipeline laid parallel to the existing pipeline near the site.



PROPOSED PROJECTS & UPDATES

**Amarillo Midstream**, an ArcLight Fund V portfolio company and **Rattler Midstream's** affiliate have announced a 50/50 joint venture to own and operate natural gas gathering and processing assets in the Midland Basin in Texas. The JV, named as Amarillo Rattle, now owns and operates the Yellow Rose gas gathering and processing system as well as more than 135.1km of gathering and regional transportation pipelines in Dawson, Martin, and Andrews Counties, Texas. The Yellow Rose gas system is estimated to have a processing capacity of 40,000 million cubic feet per day (Mcf/d). The new entity will also build and operate a new 60,000Mcf/d natural gas cryogenic processing plant in Martin County, Texas and incremental gas gathering and regional transportation pipelines. Diamondback Energy, a parent company of Rattler Midstream, has signed an agreement with the JV for a portion of the new processing plant's capacity. Amarillo Rattler expects that the new facility will commence operations in mid 2021.

**ANR Pipeline Company** has received an Environmental Assessment from the FERC for the **Grand Chenier Xpress Project**. The proposed project includes facilities in Acadia, Jefferson Davies, and Cameron Parishes, Louisiana: modifications of ANR's existing Eunice Compressor Station in Acadia Parish, Louisiana, to increase the total certificated horsepower (hp) from 24,000 hp to 39,370 hp, and abandonment of an existing reciprocating compressor in place; construction of a new 23,470 hp greenfield compressor station (Mermentau Compressor Station) in Jefferson Davis Parish, Louisiana; modifications of the existing Dresser-Rand compressor unit and installation of 42 feet of aboveground piping at the Grand Chenier Compressor Station in Cameron Parish, Louisiana; and modifications of the Mermentau River GCX Meter Station, including the installation of an additional meter run and related appurtenant facilities in order to increase the delivery capability from 700 million cubic feet per day to 1.1 billion cubic feet per day. ANR anticipates commencing service by January 1, 2022.

FERC has issued approval for the **Annova LNG Brownsville Project**. **Annova LNG Common Infrastructure, LLC; Annova LNG Brownsville A, LLC; Annova LNG Brownsville B, LLC; and Annova LNG Brownsville C, LLC** are planning to construct, and operate a liquefied natural gas (LNG) export facility in Cameron County, Texas.

The project will include a new LNG export terminal capable of producing up to 6.95 million metric tons per year of LNG for export. The LNG terminal would receive natural gas to the export facilities from a third-party intrastate pipeline. Annova anticipates a five-year construction period. The facilities for the project include the following major components: gas pretreatment facilities; liquefaction facilities (six liquefaction trains and six approximately 72,000 horsepower [hp] electric motor-driven compressors); two LNG storage tanks; boil-off gas handling system; flare systems; marine facilities; control, administration, and support buildings; access road; fencing and barrier wall; and utilities (power, water, and communication). Construction is slated for 2022 with a partial in-service date of 2024.

**Centurion Pipeline L.P.** announced the successful completion of its binding open season for the **Augustus Pipeline**. The Augustus Pipeline will connect Centurion's existing Midland Terminal to multiple long-haul pipelines originating at Crane, Texas. The project will include a combination of new and existing pipeline assets and have an initial throughput capacity of 150,000 barrels per day with future expansion capability available. The pipeline is expected to come into service during the fourth quarter of 2020. Centurion is a wholly owned subsidiary of Lotus Midstream, LLC. "We are pleased to be able to offer shippers a service that will provide connectivity between the Midland and Crane crude oil markets and provide shippers with access to multiple long-haul pipelines originating at Crane for delivery to the Corpus Christi and Houston markets," said Lotus Midstream President and CEO Mike Prince. "Centurion Pipeline's assets are strategically positioned throughout the Permian Basin, and the Augustus Pipeline will provide shippers access to the growing crude oil market at Crane."

**Corpus Christi Liquefaction Stage III, LLC (CCL Stage III)** and **Corpus Christi Liquefaction, LLC** is underway with construction of additional facilities for the liquefaction and export of domestically-produced natural gas (Stage 3 LNG Project) at Corpus Christi Liquefaction's existing liquefied natural gas (LNG) terminal on the northern shore of Corpus Christi Bay in San Patricio and Nueces Counties, Texas (Liquefaction Project). The proposed **Stage 3 LNG Project** consists of the addition of seven midscale liquefaction trains and one LNG storage tank.

PROPOSED PROJECTS & UPDATES

FERC also approved a project for Cheniere Corpus Christi Pipeline, L.P. to construct and operate new interstate natural gas pipeline, compression, and related facilities in San Patricio County, Texas (Stage 3 Pipeline Project). The proposed Stage 3 Pipeline Project comprises a new 21-mile-long, 42-inch-diameter pipeline, additional compressor units at the existing Sinton Compressor Station, meter stations, and appurtenant facilities to transport 1.5 billion cubic feet per day (Bcf/d) of natural gas bi-directionally between the proposed Stage 3 LNG Project facilities and interconnections with existing pipeline systems.

**Dominion Energy and a consortium of energy partners** remain at a standstill on the **Atlantic Coast Pipeline** project as they wait for rulings that could impact the future of the project. Despite numerous setbacks, legal challenges and opposition from environmental advocacy groups, a Dominion Energy official said the company remains confident that construction of the Atlantic Coast Pipeline will be complete by 2021. The case is going to be heard in

the Supreme Court and Dominion expects to have oral hearings in late winter, springtime of 2020 with a decision expected no later than June 2020.

**Bluewater Gas Storage** awaits FERC approval for proposed a compressor project designed to increase operating pressure for its system. Bluewater's current interconnection with Vector Pipeline does not allow direct delivery of the required amount of customers' natural gas needs due to the varying pressures between the Bluewater and Vector systems (**Bluewater Compression Project**). This has required rerouting the natural gas to other third-party pipelines for delivery, which results in additional costs. A new compressor would increase Bluewater's operating pressure, taking full advantage of the Vector Pipeline interconnection and eliminating excess costs for rerouting the contracted amount of natural gas. Pending FERC and state review and approval, construction is expected to start in mid-2020 with completion in 2021.





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PROPOSED PROJECTS & UPDATES

**Columbia Gas Transmission** has cleared about 30% of the ROW and is also working on contractor yards for the **Buckeye Xpress Project**. The project includes 66.2 miles of 36-inch pipeline and appurtenances; and abandoning approximately 60.8 miles of 20- and 24-inch pipeline and appurtenances to be located in Vinton, Jackson, Gallia, and Lawrence Counties, Ohio and Wayne County, West Virginia Columbia has a project in-service date of November 2020.

**Columbia Gulf Transmission, LLC** has filed an application with the FERC to construct and operate the **Louisiana XPress Project**. A final Environmental Assessment decision is slated for May 8, 2020. The project will create 493,000 dekatherms per day (Dth/d) of incremental mainline capacity on Columbia Gulf’s pipeline system. The incremental capacity created by the project, in conjunction with the utilization of existing capacity, will allow for open access firm transportation service on approximately 850,000 Dth/d of capacity on a north-to-south path from Columbia Gulf’s Mainline Pool to a primary point of delivery with Kinder Morgan Louisiana Pipeline LLC in Evangeline Parish, Louisiana. The proposed facilities in Louisiana include three new compressor stations: the Shelburn Compressor Station in East Carroll Parish, the Red Mountain Compressor Station in Catahoula Parish, and the Chicot Compressor Station in Evangeline Parish. It also includes upgrades at one existing facility, the Alexandria Compressor Station in Rapides Parish. The new facilities will tie into the already existing Columbia Gulf Transmission System.

**Dominion Energy Transmission, Inc.** received approval from the FERC subject to conditions for the **West Loop Project**. The project would provide 150,000 dekatherms per day of natural gas to a new power plant that is being built in Columbiana County, Ohio to replace retiring coal-fired power and help meet the increasing demand for electricity in the Midwest. The **West Loop Project** consists of: 5.1 miles of 36-inch-diameter natural gas pipeline loop in Beaver County, Pennsylvania; modifications to increase flow capacity at the existing Beaver Compressor Station in Beaver County, Pennsylvania; re-wheel two existing centrifugal compressor units at the existing Carroll Compressor Station in Carroll County, Ohio; install a new pig launcher at the existing Koppel Junction Site and install a new pig receiver for the new Stitt Gate Site in Beaver County, Pennsylvania; install new control valves at the existing Old Petersburg Regulation

Facility in Lawrence County, Pennsylvania; and install cathodic protection for the new pipeline at the existing Darlington metering and regulation (M&R) Station in Beaver County, Pennsylvania. Tree clearing is 100% complete for the project. Construction activities are slated for April 2020. Construction activities are expected to be complete by October 2020 for an in-service date of July 1, 2021.

**Double E Pipeline, LLC** (Double E) has received Notice of Environmental Review from the FERC for the Double E Pipeline Project. FERC was expected to release an Environmental Assessment for the project on March 24, 2020 with a final decision expected June 22, 2020. Double E seeks authorization to construct and operate an approximately 116.6-mile, 30-inch and 42-inch diameter trunk-line natural gas pipeline; an approximately 16.3-mile, 30-inch diameter lateral; and meters, mainline block valves, launchers and receivers, and other minor facilities at aboveground sites. The project will interconnect with Kinder Morgan’s planned Gulf Coast Express and Permian Highway Pipelines, and Energy Transfer Partners’ Trans Pecos Pipeline. The Double E Pipeline Project is designed to provide up to 135,000 dekatherms per day of firm capacity to connect growing production areas in the Delaware Basin in southeast New Mexico and west Texas to delivery points near Waha in Reeves and Pecos Counties, Texas. If approved, in-service is slated for 2021.

**Driftwood LNG LLC and Driftwood Pipeline, LLC** has received approval from the FERC for the liquefied natural gas (LNG) export facilities and certain interstate, natural gas transmission pipeline facilities in Evangeline, Acadia, Jefferson Davis, and Calcasieu Parishes, Louisiana. The project would provide gas and processing to produce up to 26 million tonnes per annum of LNG for export. The project facilities include five LNG plants; three LNG storage tanks; three marine berths capable of accommodating LNG carriers of up to 216, each; 74 miles of 48-inch pipeline, 10.6 miles of 42-inch pipeline; 11.3 miles of 36-inch pipeline; and 1 mile of 30-inch lateral pipeline collated with the main pipeline; three compressor stations providing a total of 275,000 horsepower of compression; six pig launchers and receiver facilities, 15 meter stations, and 17 mainline valves.

**Eastern Shore Natural Gas** has received approval from the FERC to construct, own, operate and maintain

PROPOSED PROJECTS & UPDATES

the **Del-Mar Energy Pathway Project**. The project includes .9 miles of 16-inch looping pipeline (Kent County, DE), 7.39 miles of 8-inch extension pipeline and new M&R (Sussex County, DE), 0.35 miles 10-inch pipeline extension and upgrade Millsboro pressure control station (Sussex County, DE), 6.83 miles of 10-inch pipeline extension; new M&R (Wicomico and Somerset County, MD), and new Measurement and Regulating Stations (Sussex County, DE; Somerset County, MD). Construction is expected to be getting underway soon with a project in-service date of the 4<sup>th</sup> quarter of 2021. Reports indicate construction is being handled by Voshell Brothers Welding, ph (302) 674-1414. Gale Vosell is the superintendent. Cleveland Inspection Services has the inspection. Jeremy Troise is the Chief Inspector.

**Enable Midstream Partners, LP** has filed a formal application with the FERC for the **Gulf Run Pipeline** project. The new, 134-mile pipeline in Louisiana would run through Red River, DeSoto, Sabine, Vernon, Beauregard, and Calcasieu Parishes, Louisiana.

The proposed new pipeline will run from northern Louisiana to the Gulf Coast, helping deliver U.S. resources to international markets with increasing demand. Pending receipt of applicable permits and regulatory approvals, construction would begin by 2022.

**Energy Transfer LP** announced that its subsidiary, **Bayou Bridge Pipeline, LLC**, launched a Binding Supplemental Open Season to solicit additional shipper commitments for transportation service from Nederland, Texas to Lake Charles, Louisiana through the Bayou Bridge Pipeline System. Bayou Bridge anticipates that incremental capacity on the Bayou Bridge Pipeline System will be determined based on committed subscriptions made by shippers during the Open Season.

The staff of the FERC has issued a Certificate of Public Convenience and Necessity for the **Putnam Expansion Project**, proposed by **Florida Gas Transmission Company, LLC**. The Putnam

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Expansion Project would consist of the following facilities in Florida: **West Loop-** install 13.7 miles of 30-inch pipeline loop in Columbia and Union Counties; **East Loop-** install 7.0 miles of 30-inch pipeline loop in Clay and Putnam Counties; **Columbia/Union Receiver Station Relocation-** remove and relocate the existing 30-inch loop pig receiver located at the beginning of the West Loop in Columbia County to a new pig receiver station to be installed at the terminus of the West Loop in Union County; **Clay/Putnam Receiver Station Relocation** - remove and relocate the existing 30-inch-diameter loop pig receiver located at the beginning of the East Loop in Clay County to a new pig receiver station to be installed at the terminus of the East Loop in Putnam County; **Compressor Station (CS) 18-** install new automated valves, over pressure protection device, and station piping at Florida Gas's existing CS 18 in Orange County, Florida. The planned in-service is April 2022.

**Gulf South Pipeline Company, LP** is requesting FERC approval by May 7, 2020 for their **Lamar County Expansion Project** that would provide about 200,000 dekatherms of natural gas per day to Cooperative Energy's generation facility in Lamar County, Mississippi. Gulf South proposes to construct and operate 3.4 miles of 20-inch-diameter pipeline, a new delivery meter station, and a new 5,000 horsepower compressor station in Lamar and Forrest Counties, Mississippi. The project would allow Gulf South to provide up to 200,000 dekatherms per day of new natural gas firm transportation service from Gulf South's existing Index 299 pipeline to Cooperative Energy. This service would be primarily utilized for Cooperative Energy's new 550-megawatt combined cycle gas turbine generation facility. According to Gulf South, the Project would allow Cooperative Energy's power plant to switch from coal to natural gas as a power source. If approved, the project is slated for construction in the 4<sup>th</sup> quarter of 2020.

FERC has issued approval for **Gulf South Pipeline Co., LP** for the **Index 99 Expansion Project**. The project would include the construction of the following facilities: installation of approximately 22 miles of new 30-inch-diameter pipeline (Index 99L), including cathodic protection along the proposed pipeline, beginning in San Augustine County, Texas and terminating in Sabine County, Texas, at Gulf South's existing Magasco Compressor Station near Pineland, Texas; installation of a pig receiver at the intersection

of the new Index 99L pipeline and Gulf South's existing Index 99 System, in San Augustine County, Texas; installation of a pig launcher at the intersection of the new Index 99L pipeline and Gulf South's existing Index 99 System and Index 129 Legacy System (within Gulf South's existing Magasco Compressor Station), in Sabine County, Texas; installation of one new mainline valve assembly along the new Index 99L pipeline, in San Augustine County, Texas; installation of approximately 250 feet of new 24-inch station piping and a 24-inch-pressure control valve at the existing Hall Summit Compressor Station in Bienville Parish, Louisiana. Additionally, Gulf South proposes to use 3 contractor/pipe yards (all in San Augustine County, Texas), as well as 9 temporary and 18 permanent access roads during construction of the Index 99 Expansion Project. Construction is tentatively planned for spring 2020 with the project slated for in-service in October 2020.

**Gulfstream Natural Gas System, L.L.C.** has received a Certificate of Public Convenience and Necessity to abandon, construct, and/or operate certain natural gas facilities for its **Phase VI Expansion Project** in Mobile County, Alabama, and Manatee County, Florida. Gulfstream proposes to: (1) replace approximately four miles of 36-inch-pipeline in Alabama with thicker-walled pipeline; (2) install additional compression facilities and uprate the maximum allowable operating pressure (MAOP) on part of its system; and (3) construct metering and auxiliary facilities and appurtenances. Specifically, Gulfstream proposes to conduct the following activities in Alabama and Florida: (i) install one 16,000 horsepower (HP) gas-fired turbine driven compressor unit and related appurtenances at Gulfstream's existing Compressor Station 410 in Mobile County, Alabama; (ii) uprate the maximum allowable operating pressure (MAOP) of the approximately 55-mile, 36-inch segment of pipeline from MP 3.9 in Mobile County, Alabama, to MP 59.0 in offshore federal waters in the Gulf of Mexico from 2,180 pounds per square inch gauge (psig) to 2,296 psig (beyond MP 59.0, the MAOP will remain at the current 2,180 psig); (iii) abandon in place approximately four miles of 36-inch onshore pipeline in Mobile County, Alabama, between MP 0.0 and MP 3.9, by cutting and capping each end and filling the line segment with grout; (iv) construct and operate approximately four miles of thicker-walled 36-inch pipeline onshore in Mobile County, Alabama, between MP 0.0 and MP 3.9, to accommodate an

PROPOSED PROJECTS & UPDATES

increase in the MAOP from 2,180 psig to 2,296 psig. This will offset and replace the approximately four-mile segment of pipeline to be abandoned as described in (iii) above; (v) construct metering equipment at Gulfstream's existing Compressor Station 420, located in Manatee County, Florida, to manage the gas flow associated with the higher MAOP described above; and (vi) construct other related auxiliary facilities and appurtenances. Gulfstream estimates that the project will cost approximately \$161,957,344.

**Jordan Cove Energy Project, L.P. and Pacific Connector Gas Pipeline, LP (PCPG)** has received approval from the FERC for their proposed LNG and Terminal Pipeline. The project is designed to create a new LNG export point on the Oregon coast to serve overseas markets particularly around the Pacific Rim. The LNG Terminal would be capable of receiving natural gas, processing the gas, liquefying the gas into LNG, storing the LNG, and loading the LNG onto vessels at its marine dock. The planned liquefaction facility would be capable of producing up to 7.8 million metric tons

per annum of LNG. PCGP is planning to construct and operate a new, approximately 233-mile long, 36-inch natural gas transmission pipeline crossing through Klamath, Jackson, Douglas, and Coos Counties, Oregon. The pipeline would be designed to transport 1,200,000 dekatherms per day of natural gas to the LNG Terminal from interconnections with the existing Ruby Pipeline LLC and Gas Transmission Northwest LLC systems near Malin, Oregon. The project has a projected in-service date is projected for 2024.

**Kinder Morgan Texas Pipeline (KMTP) and EagleClaw Midstream Ventures** are proceeding with the **Permian Highway Pipeline Project (PHP Project)**. The approximately \$2 billion PHP Project is designed to transport up to 2.1 billion cubic feet per day (Bcf/d) of natural gas through approximately 430 miles of 42-inch pipeline from the Waha, Texas area to the U.S. Gulf Coast and Mexico markets. KMTP will build and operate the pipeline. The PHP Project is getting underway with an inservice date slated for late 2020.

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The East Texas operating subsidiary of **Midcoast Energy, LLC**, a portfolio company of ArcLight Capital Partners, has made a positive final investment decision and entered into definitive, long-term anchor shipper agreements in support of its **CJ Express Expansion Project**. The CJ Express Pipeline will consist of up to 150 miles of 36 inch or larger diameter pipeline, commencing near Carthage in Panola County, Texas and extending south to Midcoast's Clarity Pipeline in Hardin County, Texas to provide for deliveries to Trunkline Gas (NTX), Gulf South (Area 10), TRANSCO (Zone 2), TETCO (STX & WLA), Florida Gas (Zone 1), Tennessee Gas (100 Line), Kinder Morgan Texas Pipeline, Atmos Texas Pipeline and Channel Industries Gas.. Midcoast expects CJ Express to be completed in early 2021.

**Mountain Valley Pipeline, LLC** has received a Final Environmental Impact Statement from the FERC for the **Mountain Valley Southgate** project. A final decision is slated for May 2020. Mountain Valley is requesting authorization to construct and operate about 75.1 miles of natural gas transmission pipeline, one new compressor station, and accompanying facilities that would provide 375 million cubic feet of gas per day of available capacity for transport from the City of Chatham, in Pittsylvania County, Virginia to a delivery point with Dominion Energy North Carolina (DENC), formerly PSNC1, near the City of Graham in Alamance County, North Carolina.

**National Fuel Gas Supply Corporation and Transcontinental Gas Pipe Line Company, LLC** has received a favorable Environmental Assessment for its proposed **FM100 Project** and the **Leidy South Project**, proposed by Transco. The FM100 Project would allow National Fuel to modernize a portion of its existing system and provide an additional 330,000 dekatherms per day (Dth/d) of incremental natural gas transportation capacity, all of which is fully subscribed to Transco. The Leidy South Project would provide 582,400 Dth/d of firm natural gas transportation service from shale producing areas in northern and western Pennsylvania to Transco's customers in the eastern United States. Issuance of the EA final environmental decision for the project is anticipated May 7, 2020. National Fuel and Transco are proposing to construct and operate interdependent natural gas infrastructure projects, which are both located entirely within Pennsylvania. The FM100 Project consists of 29.5 miles of new

20-inch-diameter pipeline in McKean and Potter Counties (Line YM58); 1.4 miles of 24-inch-diameter pipeline loop in Potter County (YM224 Loop); 0.4 mile of 12-inch-diameter pipeline in McKean County (Line KL Extension); construction of new Marvindale Compressor Station in McKean County; construction of new Tamarack Compressor Station in Clinton County; construction of the Marvindale Interconnect in McKean County; construction of the Carpenter Hollow overpressurization protection station in Potter County; abandonment in place of a 44.9-mile long portion of the existing 12-inch FM100 Pipeline in Clearfield, Elk, and Potter Counties; abandonment by removal of the existing Costello Compressor Station in Potter County; abandonment by removal of an existing meter station WHP-MS-4317X in Potter County; and installation and abandonment of appurtenances, such as mainline valves and anode beds, associated with the above facilities. The Leidy South Project consists of 3.5 miles of 42-inch pipeline loop in Lycoming County (Benton Loop); 2.5 miles of 36-inch pipeline loop in Clinton County (Hilltop Loop); 6.3 miles of 36-inch meter pipeline loop and related abandonment of a 5.8-mile-long portion of the 23.4-inch Leidy Line A Pipeline (Hensel Replacement) in Clinton County; modification of existing Compressor Station 605 in Wyoming County; modification of existing Compressor Station 610 in Columbia County; construction of new Compressor Station 607 in Luzerne County; construction of new Compressor Station 620 in Schuylkill County; installation of associated facilities such as mainline valves, communication facilities, and pig launchers and receivers, and other appurtenances. Target in-service date for the project is winter 2021.

**Natural Gas Pipeline Company of America** has received FERC approval and await Notice to Proceed with Construction for the known as the natural gas transmission **Gulf Coast Southbound Project**. The project would expand the southbound transportation capacity of Natural's Gulf Coast Mainline System by 300,000 dekatherms per day through modifications at five existing natural gas compressor stations in the state of Texas. As part of the project, Natural would conduct the following activities (all locations are in the state of Texas): install one new electric motor driven compressor unit with a rating of 10,000 horsepower, abandon two existing compressor units, and add cooling equipment and a new filter separator at existing Compressor Station 300 in Victoria County;

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install one Solar Mars 100 turbine with a rating of 15,900 horsepower, add cooling equipment, and replace two filter separators at existing Compressor Station 301 in Wharton County; install two Solar Titan 130 turbines with a rating of 23,470 horsepower each, abandon in place 10 existing compressor units, and add cooling equipment and filter separators at existing Compressor Station 304 in Harrison County; install gas coolers and filter separators at existing Compressor Stations 303 and 394 in Angelina and Cass Counties. Project is pending approvals.

**North Baja Pipeline, LLC (TC Energy)** has submitted an application to the FERC seeking authorization to construct and maintain its **North Baja Xpress Project**. The project consists of installation of a new 31,900 ISO horsepower Titan 250 compressor unit at its existing Ehrenberg Compressor Station located in La Paz County, Arizona; and modifications to the infrastructure at North Baja's existing El Paso Meter Station in La Paz County, Arizona, and Ogilby Meter Station in Imperial County, California. An

FERC Environmental Assessment is expected in July 2020 with a final FERC decision in October 2020. Construction is expected to start in October of 2021, with an anticipated in-service date of November 2022.

**Northern Natural Gas** has submitted a pre-filing request with the FERC for its proposed **Northern Lights Expansion 2021** project. Northern plans to have the project facilities in-service November 1, 2021, to meet the contractual in-service date. The facilities are required to meet customer requests received in the open season for Northern Lights 2021 – Ventura North. The proposed facilities, which are subject to change as the pre-filing process progresses, initially include: (1) 8.30 miles of 30- and 36-inch-diameter mainline loops and extensions; (2) 13.30 miles of branch line loops and extensions – ranging in size between 6 and 30 inches in diameter; (3) one new compressor station and modifications at two compressor stations; and (4) modifications at an interconnect; all located in Minnesota. If approved by the FERC, construction is slated for Spring 2021.



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The staff of the FERC has issued approval for Northern Natural Gas Company's **Palmyra to South Sioux City A-Line Abandonment Project**. The proposed project is in Nebraska and includes the following facilities: abandonment in place of 44.2 miles of 20-inch-diameter and 14.8 miles of 16-inch-diameter mainline in Otoe, Lancaster, Saunders, and Dodge Counties (M581A); abandonment in place of 58.7 miles of 16-inch-diameter mainline in Dodge, Burt, Thurston, and Dakota Counties (M570A); construction of 1.7 miles of new 24-inch-diameter pipeline loop in Otoe County (Palmyra North D-Line Loop); construction of 2.5 miles of new 24-inch-diameter pipeline loop in Dodge County (Fremont North D-Line Loop); construction of a new pig launcher and two valve sites within the existing Palmyra Compressor Station at the beginning of the Palmyra D-Line Loop and a pig receiver and one valve site at the end of the pipeline loop; and construction of a new pig launcher and one valve site within the existing Fremont Compressor Station and one valve site at the end of the Fremont North D-Line Loop.

The staff of the FERC has issued approval for the **Bushton to Clifton A-line Abandonment Project** involving construction and operation of facilities by **Northern Natural Gas Company** in Clay, Cloud, Ellsworth, Lincoln, Ottawa, and Rice counties in Kansas. Northern is proposing to abandon in-place the A-line facilities consisting of approximately 92.76 miles of 26-inch pipeline on Northern's M640A and M630A and 15.74 miles of 24-inch-diameter pipeline on its M640J pipeline systems and other appurtenant facilities. Northern proposes to construct and operate an additional natural gas-driven ISO rated 11,152 horsepower Solar Mars turbine unit (Unit No. 6) at the existing Tescott compressor station located in Ottawa County, Kansas. On March 26, 2020 FERC issued a notice to proceed with construction of the Tescott compressor station. The unit will tie into station piping that is connected to Northern's existing mainlines. Approximately 85 feet of 24-inch-diameter station piping, approximately 40 feet of 36-inch station piping, and approximately 80 feet of 8-inch station piping will be removed to accommodate tie-ins. After

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abandonment, Northern will continue to operate the other pipelines in its right-of-way and maintain its pipeline easements with the exception of a segment of Jline that will be abandoned in place.

**Northwest Pipeline LLC** has filed with the FERC seeking authority to install one 500 horsepower compressor unit and associated facilities at the Walla Walla Compressor Station located in Umatilla County, Oregon. Northwest estimates the cost of the project to be approximately \$2.8 million.

**ONEOK** has made adjustments for planned capital expenditures and is suspending the following announced expansion projects: the 100,000 barrel per day (bpd) additional expansion of the West Texas LPG pipeline in the Permian Basin; and the 200 million cubic feet per day (MMcf/d) expansion of the Demicks Lake natural gas processing facility, the Demicks Lake III project and related infrastructure in the Williston Basin. Additionally, the scope of the Elk Creek Pipeline expansion will be reduced, with the

ability to add pump stations incrementally to meet customer needs as necessary. "The planning and work we have already completed allow us to quickly resume these suspended capital-growth projects when the environment improves and our customers require these services," said Terry K. Spencer, President of Oneok.

**PennEast Pipeline** has filed an application with the FERC seeking authority for the **PennEast 2020 Amendment Project** involving the construction of approximately 120 miles of 36-inch pipeline to be built in Northampton County, Pennsylvania. PennEast proposes to amend their FERC Certificate Order that was issued on January 19, 2018. PennEast plans to construct the federally approved PennEast Pipeline Project in two separate phases. Phase One would consist of 68 miles of 36-inch pipe, constructed entirely within Pennsylvania and ready to deliver natural gas by November 2021. The Phase Two portion would include the remaining route in Pennsylvania and New Jersey, with a targeted

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completion of 2023. Additionally, PennEast filed a previous amendment application on February 1, 2019, proposing four modifications to the certificated route in Luzerne, Carbon, Monroe, and Northampton Counties, Pennsylvania. The 2020 Amendment would consist of the following: a new interconnection facilities (Church Road Interconnects) in Bethlehem Township, Northampton County, Pennsylvania; a metering and regulation station at approximate milepost (MP) 68.2 of the certificated route; and two separate interconnection and measurement facilities.



**Phillips 66 and Plains All American Pipeline** have formed a 50/50 joint venture, **Red Oak Pipeline LLC**, and are proceeding with construction of the **Red Oak Pipeline** system. The pipeline system will provide crude oil transportation service from Cushing, Oklahoma, and the Permian Basin in West Texas to Corpus Christi, Ingleside, Houston and Beaumont, Texas. Initial service from Cushing to the Gulf Coast is targeted to commence as early as the first quarter of 2021. The Red Oak joint venture will lease capacity in Plains' Sunrise Pipeline system, which extends from Midland to Wichita Falls, Texas. The joint venture plans to construct a new 30-inch pipeline from Cushing to Wichita Falls and Sealy, Texas. From Sealy, the joint venture will construct a 30-inch pipeline segment to Corpus Christi and Ingleside and a 20-inch pipeline segment to Houston and Beaumont. Where feasible, Red Oak will utilize existing pipeline and utility corridors and advanced construction techniques to limit environmental and community impact. Plains will lead project construction on behalf of the joint venture, and Phillips 66 will operate the pipeline. The project is expected to cost approximately \$2.5 billion.

**Portland Natural Gas Transmission System (PNGTS)** expects to receive an Environmental Assessment from the FERC in April 2020 for its proposed **Westbrook XPress Project (WXP)**. Adding to PNGTS' existing capacity, WXP will be capable of transporting approximately 124,000 dekatherms a day (Dth/d) to areas where it is in great demand. Enhancing PNGTS' existing capacity through WXP will be achieved via the installation of facilities to compress and cool gas on the PNGTS system, and the modification of an existing meter station, on land adjacent to the existing Westbrook Compressor Station. The facilities at Westbrook are jointly owned by PNGTS and Maritimes & Northeast Pipeline (MNE), and operated by M&N Operating Company, LLC (MNOC). The proposed project is anticipated to be completed in three phases, with the last expected to go into service by November 1, 2022. All work will be conducted on or adjacent to the existing station. Construction will only be associated with Phase II, which is slated to be placed into service in 2021.

**Sempra LNG and IEnova**, Sempra's subsidiary in Mexico, continue to move forward with their **Energia Costsa Azul** project. They are seeking to add liquefaction facilities to the existing **Energía Costa Azul (ECA)** regasification terminal in Baja California to help meet the future demand for LNG and to provide the worldwide market access to a reliable source of natural gas from the Pacific coast. The liquefaction project would add natural gas receipt, treatment and liquefaction capabilities and loading of LNG cargoes.

**Sentinel Midstream, LLC**, through its subsidiary **Texas GulfLink, LLC**, announced its alignment with **Freeport Commodities LLC** in furtherance of the construction, operation, and utilization of **Texas GulfLink**. Texas GulfLink is a deepwater crude oil export facility that will be located off the coast of Freeport, Texas, and will be capable of fully loading Very Large Crude Carrier (VLCC) vessels. Texas GulfLink will include an onshore oil storage terminal connected by a 42-inch pipeline to a manned offshore platform approximately 30 miles off the Gulf Coast. From the platform, the oil will be transported to two Single Point Mooring buoys to allow for VLCCs to receive two million barrels of crude oil with loading rates up to 85,000 barrels per hour. Designed around safety, the offshore platform will have around-the-clock monitoring, which will provide shippers with a safe and reliable mooring operation for VLCCs and other crude carrier vessels.

PROPOSED PROJECTS & UPDATES

**Superior Pipeline Company, L.L.C.** announced that it has entered into a long-term, fee-based natural gas gathering and processing agreement with an active producer in the STACK play. The agreement replaces a prior contract with Superior, expanding the producer's dedication area to approximately 345,000 gross acres. The Cashion system includes two cryogenic processing plants located in Kingfisher County, Oklahoma. Within the acreage dedicated to Superior, the producer expects to continue development of four production zones in the STACK – the Oswego, Mississippian, Woodford, and Hunton formations in central Oklahoma.

**Tallgrass Energy, LP**, through its affiliate **Tallgrass Pony Express Pipeline, LLC**, announced that due to continued interest in its **Carpenter Expansion** it is launching a supplemental open season to solicit binding shipper commitments for crude oil transportation from a new origin near Carpenter, Wyoming., to Pony Express destinations in Colorado. Based on commitments received in the original open

season, Pony Express is building an approximately 25 mile 12-inch pipeline connecting the Hereford origin to the new origin point in Carpenter, Wyo., expanding capacity from Wyoming to Sterling, Colo., on the Pony Express system. Pony Express expects the new pipeline to be in-service in Q2 2020. The supplemental open season is currently scheduled to run from March 16, 2020, to April 14, 2020.

**Tennessee Gas Pipeline Company, LLC** has received approval from the FERC for the **261 Upgrade Project**. Tennessee Gas is requesting authorization to provide 72,400 million cubic feet per day (Mcf/d) to subscribed project shippers. Tennessee Gas also requests approval to upgrade facilities at Compressor Station 261 to increase reliability to existing shippers. The project includes modifications to existing facilities and installation of new pipeline in Hampden County, Massachusetts. The proposed 261 Upgrade Project includes the following facilities: Horsepower Replacement Project - abandon and replace two existing turbine compressor units with one new

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PROPOSED PROJECTS & UPDATES

turbine compressor unit and auxiliary facilities; and abandon and replace the emergency generator; a looping project - install 2.1 miles of 12-inch pipeline loop adjacent to Tennessee Gas pipelines; install pig launcher and receiver facilities and tie-in piping; and abandon and remove an inactive 6-inch-diameter pipeline. Construction was approved to begin in March 2020 for the HP Replacement Project and the Looping Project is slated for May 2020.

**Tennessee Gas Pipeline Company, L.L.C.** (TGP), a Kinder Morgan subsidiary, and **Southern Natural Gas Company, L.L.C. (SNG)**, a Delaware limited liability company equally owned by subsidiaries of Kinder Morgan and Southern Company, filed applications with the Federal Energy Regulatory Commission (FERC) for the **Evangeline Pass Expansion Project**. The Evangeline Pass Expansion Project is designed to provide up to 1.1 million dekatherms per day (Dth/d) of additional natural gas capacity on Kinder Morgan’s TGP and SNG systems in Louisiana and Mississippi. As part of the project, SNG will lease capacity to TGP. The project involves building 9.1 miles of 36-inch diameter pipeline in St. Bernard Parish, Louisiana as well as 4 miles of 36-inch pipeline in Plaquemines Parish, Louisiana. It will also include two new compressor stations located in Clarke County, Mississippi, and St. Bernard Parish, Louisiana, and modifications to existing facilities on both the TGP and SNG systems. Pending receipt of all required permits, construction is planned to begin in the first quarter of 2021, and the expected in-service date is December 2022.

**Texas Eastern Transmission, LP** has an application for its proposed **Middlesex Extension Project** to construct, install, own, operate and maintain 1.55 miles of 20-inch-diameter pipeline, a new metering and regulating station, 0.20 miles of 16-inch-diameter interconnecting piping, and related appurtenances and ancillary facilities to provide natural gas transportation to interconnects with Transcontinental Gas Pipe Line Company, LLC’s (Transco) Mainline system and Transco’s existing Woodbridge Lateral for ultimate delivery to the 725-Megawatt natural gas-fueled combined-cycle Woodbridge Energy Center owned by CPV Shore Holdings, LLC and located in Woodbridge Township, New Jersey. Issuance of the Environmental Assessment from the FERC is slated for May 2020 with a final decision expected in August 2020. In-service date is slated for June 2021.

**Texas Eastern** is requesting authorization from the FERC excavate, elevate, and replace certain segments of its pipelines that traverse the Marshall County Coal Company’s (Marshall Coal) Mine Panels 19E and 20E, located in Marshall County, West Virginia (**Marshall County Mine Panel 19E and 20E Project**). Texas Eastern proposes to excavate and elevate pipeline segments of its Lines 10, 15, 25, and 30, that range from 30-inch to 36-inch diameter and to monitor stress and strain levels on the pipelines from potential ground subsidence due to Marshall Coal’s scheduled longwall mining activities. Concurrent with pipeline elevation, portions of Lines 10 and 15 would be replaced with new pipe to accommodate a minimum Class 2 design. Texas Eastern would also perform maintenance activities on segments of Lines 25 and 30. Marshall Coal recently informed Texas Eastern that longwall mining activities for Mine Panel 20E may now begin as early as August of 2021. As such, Texas Eastern would need to commence activities to protect its pipelines that traverse Mine Panel 20E concurrent with planned activities to protect its pipelines that traverse Mine Panel 19E (longwall mining activities in Mine Panel 19E are anticipated to begin in October 2020) in order to ensure timely stabilization of the pipeline segments above ground for the duration of the longwall mining activities scheduled to take place at both Mine Panels. Completion of longwall mining activities and potential subsidence is anticipated in December 2020 for Mine Panel 19E and in October 2021 for Mine Panel 20E. As such, Texas Eastern is seeking to amend the timing set forth in the Application for completion of project activities from October 2021 to October 2022, prior to the start of Texas Eastern’s winter heating season. FERC has issued an Environmental Assessment for the project in late March 2020.

**Texas Eastern** has received approval from the FERC for the **Bailey East Mine 11J Project** in Marshall County, West Virginia. Texas Eastern is seeking authority to excavate, elevate, replace and reinstall certain sections of four pipelines due to the anticipated longwall coal mining activities of CONSOL Energy, Inc. CONSOL plans to mine in January 2021. Texas Eastern’s existing Lines 10, 15, 25, and 30 are all located in Marshall County, West Virginia, with a proposed warehouse yard located in Greene County, Pennsylvania. Pipeline activities would include: excavating and replacing approximately 1,932 feet of 30-inch-diameter Line 10 from milepost

PROPOSED PROJECTS & UPDATES

(MP) 724.4 to MP 724.8; excavating and replacing approximately 1,967 feet of 30-inch-diameter Line 15 from approximately MP 724.9 to MP 725.3; excavating approximately 1,864 feet of 36-inch-diameter Line 25 from MP 44.1 to MP 44.4; and excavating approximately 2,022 feet of 36-inch-diameter Line 30 from MP 724.9 to MP 725.3.

**Texas Eastern Transmission, L.P.** received a Notice of Revised Environmental Review for its proposed **Cameron Extension Project**. The project would provide 750 million cubic feet per day of firm transportation service. Texas Eastern proposes to construct and operate a new compressor station (East Calcasieu Compressor Station) in Calcasieu Parish, Louisiana. The new compressor station is comprised of one 30,000 ISO-rated horsepower, natural gas-driven turbine compressor unit and related appurtenances. The project would also consist of three new delivery meter and regulatory stations in Cameron, Beauregard, and Jefferson

Davis Parishes, Louisiana; installation of 0.2 miles of 30-inch piping to interconnect with TransCameron Pipeline, LLC’s pipeline system in Cameron Parish, Louisiana; installation of miscellaneous equipment at the Gillis Compressor Station in Beauregard Parish, Louisiana; modifications to existing internal pipeline inspection launcher and receiver facilities and two new bypass facilities at existing sites along Texas Eastern’s Line 41; and other related auxiliary facilities and appurtenances. Issuance of the Environmental Assessment from the FERC is now expected April 16, 2020 with a final FERC decision slated for July 2020.

**Haynesville Global Access Pipeline LLC**, a subsidiary of Tellurian Inc., is proposing to construct, own and operate an approximately \$1 Billion project with 160 miles of 42-inch pipeline (**Haynes Global Access Pipeline**) and one 23,000 hp compressor station. This proposed pipeline will be capable of transporting upwards of 2 Billion cubic feet of natural gas per day from supply sources originating in the

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PROPOSED PROJECTS & UPDATES

Haynesville / Bossier Shale area. A formal FERC application is expected to be filed in 2020.

**Transcontinental Gas Pipe Line Company, LLC** has received an Environmental Assessment from the FERC for its proposed **Leidy South Project**. The project would expand Transco's existing pipeline system to enable it to provide an additional 582,400 dekatherms per day of firm transportation service to three shippers, and abandon a small portion of its existing facilities. Transco seeks authorization for the construction and operation of approximately 8.7 miles of 36-inch-diameter looping facilities and the related abandonment of 5.8 miles of 23.375-inch pipeline in Clinton County, Pennsylvania; construction and operation of approximately 3.6 miles of 42-inch looping facilities in Lycoming County, Pennsylvania; the addition of 45,87 horsepower (hp) at two existing compressor stations Wyoming and Columbia Counties, Pennsylvania; and construction and operation of two new compressor stations totaling 78,801 hp in Luzerne and Schuylkill Counties, Pennsylvania. The

estimated cost of the Project is \$531.12 million. If approved, in-service is slated in time for the 2021-22 winter heating season.



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PROPOSED PROJECTS & UPDATES

transportation capacity of 2 billion cubic feet per day (Bcf/d). Whistler Pipeline has contracted for the supply of the entirety of 42"/36" steel pipeline needed to complete the project and is on schedule in its completion of survey along the planned route and acquisition of appropriate permits for a summer 2021 in-service date. Construction will commence in 2020.

**Williams** is expecting a final Environmental Assessment for the **Northeast Supply Enhancement** project in May 2020. The project is an expansion of the existing Transco natural gas pipeline designed to serve New York markets in time for the 2020/2021 winter heating season. The project is still pending approvals from New York and New Jersey. All approvals have been received from Pennsylvania. Construction will include: 10.2 miles of 42-inch pipeline loop in Lancaster County, Pennsylvania (the Quarryville Loop); 3.4 miles of 26-inch pipeline loop in Middlesex County, New Jersey (the Madison Loop); 23.5 miles of 26-inch pipeline loop in Middlesex and Monmouth Counties, New

Jersey, and Queens and Richmond Counties, New York (the Raritan Bay Loop, which consists of 0.2 mile of pipe in onshore Middlesex County, New Jersey; 6.0 miles of offshore pipe in New Jersey waters; and 17.3 miles of offshore pipe in New York waters); modification of the existing Compressor Station 200 in Chester County, Pennsylvania; construction of new Compressor Station 206 in Somerset County, New Jersey; and ancillary facilities.



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# Energía Costa Azul LNG

## Receives US Non-FTA approval for liquefaction-export infrastructure project in Mexico

- Authorizes the Export of US LNG From Both ECA LNG Phase 1 and Phase 2
- North American West Coast Location Provides Direct Access to US Natural Gas to Markets in the Pacific Rim
- ECA LNG Is 1 of Sempra Energy's 5 Strategically Located LNG Projects in Development

Sempra Energy announced that its subsidiary Energía Costa Azul (ECA) LNG received two authorizations from the U.S. Department of Energy (DOE) to export U.S. produced natural gas to Mexico and to re-export liquefied natural gas (LNG) to countries that do not have a free-trade agreement (non-FTA) with the U.S., from its Phase 1 and Phase 2 liquefaction-export facilities in development in Baja California, Mexico.

"The timing of these approvals is great news as we meet with customers and partners this week in Shanghai," said Joseph A. Householder, president and chief operating officer for Sempra Energy. "ECA LNG's location on the West Coast of North America is truly a differentiator and it has the potential to be a game changer. ECA LNG will source natural gas from some of the fastest-growing production regions in the U.S. and provide our customers with a competitive advantage in accessing world markets, especially Asia."

"The authorizations are another step forward in the development of this project that could bring many benefits for Mexico, U.S. natural gas producers and our customers and partners in greater Asia," said Carlos Ruiz Sacristán, chairman and CEO of Sempra North American Infrastructure. "We are pleased to continue to advance the development of ECA LNG, which can uniquely meet the energy needs of isolated markets in Mexico and customers in Asia."

ECA LNG Phase 1 development opportunity is a single train LNG facility to be located adjacent to the existing LNG receipt terminal. It is expected to utilize current LNG storage tanks, marine berth and associated facilities. Phase 2 of the project will include the addition of two trains and one LNG storage tank. The DOE authorizations allow the export of 636 billion cubic feet (Bcf) a year of U.S. sourced LNG from these infrastructure projects. Phase 2 of the project will require additional DOE approval in order to export its full expected capacity.

The existing ECA receipt terminal was the first LNG receipt terminal constructed on North America's West Coast. Located about 15 miles north of Ensenada, Baja California, it began commercial operations in 2008 and is capable of processing up to 1 Bcf of natural gas per day.

The DOE approval comes as the company prepares to discuss the U.S. LNG market this week at the 19th International Conference & Exhibition on LNG (LNG2019), in Shanghai. LNG2019 is the largest LNG event to ever be held in China – the world's fastest-growing LNG market.

Last November, Sempra Energy announced that its subsidiaries IEnova and Sempra LNG had signed Heads of Agreements (HOAs) with affiliates of Total S.A., Mitsui & Co., Ltd. and Tokyo Gas Co., Ltd. for Phase 1 of the ECA LNG project, subject to reaching definitive agreements. TechnipFMC and Kiewit were selected as the engineering, procurement, construction and commissioning (EPC) contractors for the project, subject to reaching a definitive agreement on the EPC contract.

Development of the ECA LNG liquefaction project is contingent upon obtaining binding customer commitments, completing the required commercial agreements, securing all necessary permits, including additional export authorization from the Mexican and U.S. governments, obtaining financing, incentives and other factors, and reaching a final investment decision.

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**PLCA Scholarship Program Named After Paul Evans** - A highlight of the 2020 Annual Convention was the announcement by the PLCA Scholarship Committee that the scholarship program had been named after PLCA Honorary Member Paul Evans. Paul was integral to the creation of the PLCA scholarship program in 1999 and was a dedicated member of the Scholarship Committee until his retirement. To honor Paul's deep commitment to the PLCA scholarship program, it will now be known as the C. Paul Evans Scholarship Program. The inaugural recipients of the C. Paul Evans Scholarship Program are: Rachel Antidormi, Supreme Industries, Corissa Barrow, PSS Industrial Group, Anna Beno, Austin Powder Company, Breanna Bruno, Cleveland Brothers Equipment Company, Macarena Calzado, NPK Construction Equipment, Ferial Choucair, Gulf Interstate Engineering, Natalie Connors, PipeSak Pipeline Products & Engineering Services, Elise Darby, Darby Equipment Company, Inc., Natalie Kluck, Henkels & McCoy, Ella Litzburg, Otis Eastern Service, LLC, Brenna Lucas, Michels Corporation, Larry Marshall, Leslie Equipment Company, Christopher Nguyen, The Lincoln Electric Company, Logan Papineau, Gabe's Construction Company, Sydney Reed, Price Gregory International, Bailey Smith, Lone Star Directional Drilling, Danae Stenzel, Charps, LLC, Juliana Van Boxtel, Miller Electric MFG Company, Alison Weldon, Dun Transportation & Stringing, Alyssa White, John Deere Construction & Forestry Division.



**Jimmy and Patrice Wagstaff** recently celebrated their 20th wedding anniversary. Patrice said, "Family time is very important to us. We enjoy rodeos and PBR bull riding. We also love supporting everything that our church, Jasper County Cowboy Church does. Even with my cancer diagnosis in March 2017, we continue to be blessed by the Lord. Laughter is a key in our marriage."

**Kasey Lene** recently celebrated her birthday with her children and her husband and friends. Kasey's son built this beautiful dining table for her birthday present.



**Robert Martin, Jr.** would like to share that he is very proud of all his children and he is very blessed with their academic successes. His daughter, JuJu is Pre-Med at University of Arkansas and has made all A's, except for one B. She missed that A by only .1 of a point. Madeline has a perfect 4.0 GPA as a Musical Theater Major. She is also a Mass Communications Major at OBU. She also leads the congregational singing at a local church on Sundays. Sykes has all A's thus far as a Freshman Medical Student.



**Lance Romberg** recently shared this: "It's been a pretty monumental week for me at work! We laid the 30-inch in 2008, and now we tied in the 36-inch under it this week 12 years later! You never know where your paths may cross in life! I thought I knew it all back then, I didn't have a clue and still don't!"

**Rodney and Debi Akin** are proud to announce the arrival of their granddaughter. Hollynn Rayne Paige was born February 9th at 12:46pm and weighed 6lbs. 15oz. and was 18.5 inches long. Proud parents are Jessica & Chance Paige, big sister, Maddie, grandparents, Rodney & Debi Akin and great grandparents: Rena Akin & the late Leon Akin.



Cleveland Integrity Services announced a new addition to their team. **Mr. John Gobber** is now one of their Manager of Field Services. "John Gobber has over 33 years in the pipeline and energy industry. He has 19 years of welding in

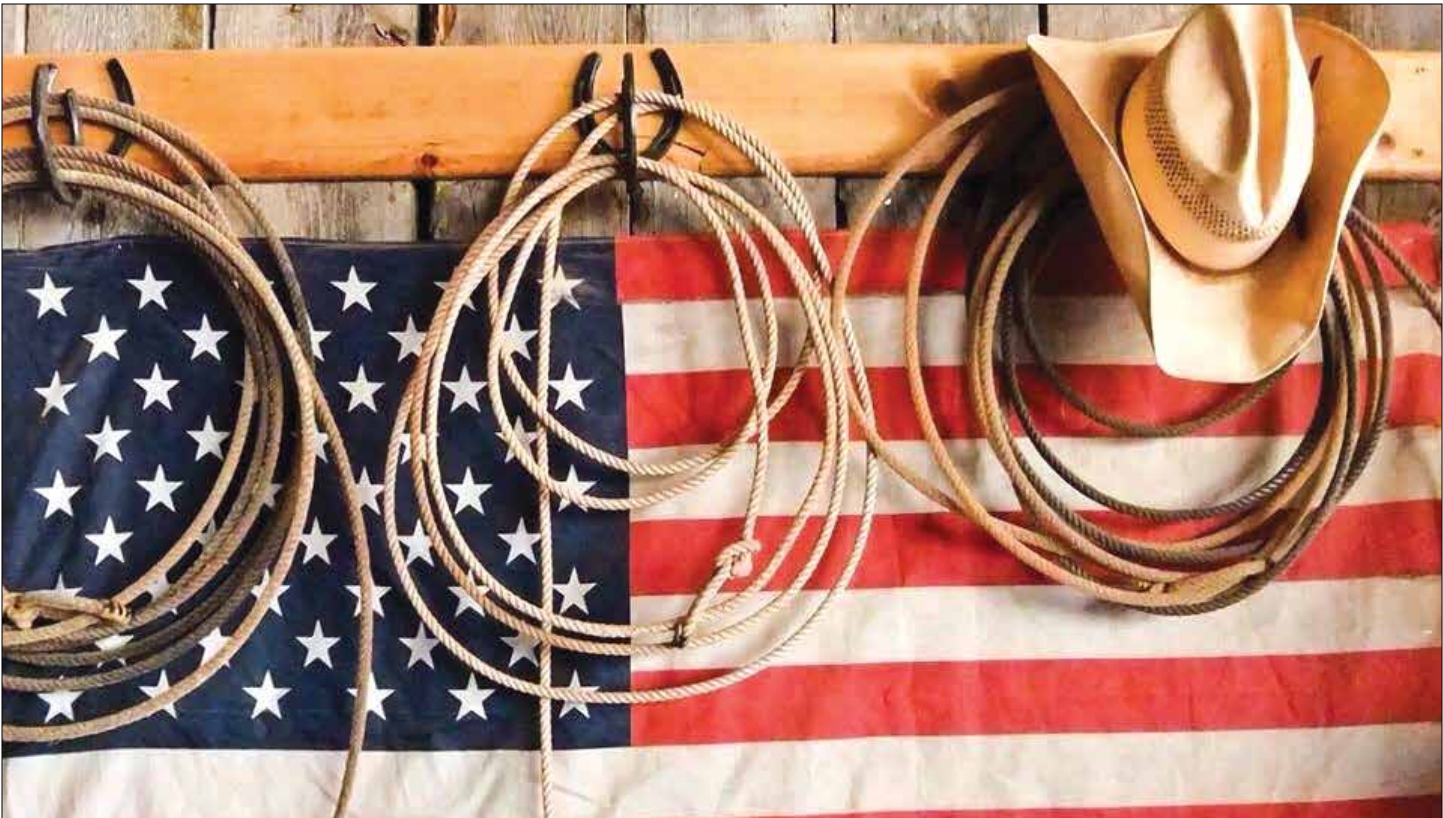
different aspects in the oil and gas industry - 14 years in the inspection field and has held numerous positions as Assistant Chief, Sr. Welding, Welding, and Utility Inspector. He maintains AWS/CWI and API 1169 certifications. With his well-rounded knowledge of the industry and eagerness to assist our clients, John is well suited for his role at CIS."



Left - Blacky and Rita Seales and their grandson, Jordan McInnis. Right - Rita Seales, her grandson, Jordan McInnis and his beautiful wife and their baby that is on the way!



Jerry Nalls had a great visit with two old friends - the Virginians James Drury and Ed Hays. He also got a sneak preview of another great piece of Ed's work.





PIPELINE PHOTOS



PIPELINE PHOTOS







**Harry J. Heltzel**, 86, of Bristol, VA passed away on February 20, 2020 at Johnston Memorial Hospital after a lengthy illness. He was born on May 11, 1933 in Job, WV (near Elkins) to the late Harry Roscoe and Hazel Day Heltzel. He was also preceded in death by his sisters and brothers-in-law, Wanda Lee and Walter Cunningham, Ruby and Herbert Coberly; brother and sister-in-law, William G. and Carolyn Hicks Heltzel; infant brother and sister, Harold and Betty; two sons, Robert J. Heltzel and Gregory Balay. Much of Harry's life was spent in pipeline construction. He began working at 15 as a water boy for a pipeline construction, and during his career he worked in over 30 states for different companies including R.L. Coolsaet Construction Co of Michigan, where he served as Vice-President of Mainline Construction. He retired on disability from a back injury in 1994. Harry was a Korean War Veteran and a POW. A brief writeup in the Elkins WV newspaper in 1953, stated that he was awarded the Silver Star medal for heroic action in Korea, the headquarters of the 187th Airborne Regimental Combat Team at Chickamouga, Japan. The award was made for heroic duty the night of June 24, 1953 in Kumwha Valley section of Korea. He was seriously wounded refusing to leave until the last man had returned to his own line. In addition to the Silver Star, he held the Bronze Star, Purple Heart with two clusters, Senior parachutist badge and other badges and ribbons. He was a Mason, belonged to York Lodge #12, where he was Past Worshipful Master. He was the past District Deputy Grand Master for the 46th District. Harry was also a member of Liberty Hall #104, Damascus, VA and a faithful member and elder of Walnut Grove Presbyterian Church, where he attended regularly until his illness. Survivors include his wife, Sallyanne Mumpower-Heltzel; daughter, Lynn Heltzel; step-daughter, Ginny Shaver; five granddaughters; daughter-in-law, Stacy Belay of UT; former daughter-in-law, Pamela Feldman Whitaker; sister, Joy Sue Rayford of Akron, OH; brothers, Warden (Letha) Heltzel of Milan, OH, John Heltzel of Sheffield, OH; several nieces and nephews and longtime friend, Joe A. Elliott of Glasgow, KY. Pallbearers will be John Hobbs, Adam Wilson, Bill Bish, Terry Shell, Charlie Bill Heltzel and Billy Upchurch. A Masonic Service was conducted by the York Lodge #12. Memorials may be sent to York Lodge, #12, 14461 Peaceful Valley Rd., Abingdon, VA 24210; Walnut Grove Presbyterian Church, 3012 Lee Highway, Bristol, VA 24202 or [gofundme.com/f/motherdaughter-restoration-project](https://gofundme.com/f/motherdaughter-restoration-project), a project of Harry's wife. Condolences and memories may be left for the family at [kardfuneralhome.com](https://kardfuneralhome.com)



**Michael Lee Thiele**, 79, passed away February 28, 2020 surrounded by his family. He was born in Alton, Illinois July 31, 1940 along the Mississippi River and attended schools in Alton. He later went on to Purdue University where he earned a degree in Mechanical Engineering in 1963, and was a member of Tau Beta Pi, the only engineering honor society representing the entire engineering profession. He was a Registered Professional Engineer in the State of Texas. After graduating from Purdue, Mike went to Los Angeles and worked for C.F. Braun for a year prior to his joining Bechtel Corporation in 1964. He began his career with Bechtel living in Libya beginning as a Cost Engineer and ending as a Construction Superintendent for a four-year period. He then transferred back to Bechtel's San Francisco office where he met and married his wife Elaine

in 1969. After a year and a half in San Francisco working as a business development representative, it was back to Libya, this time as Resident Manager over Bechtel's construction operations. Abu Dhabi was to be their next home. After arriving in Abu Dhabi 1972, he signed up for a golf tournament called The Abu Dhabi Open. Mike, being the only American in the tournament, managed to beat out two of the previous British winners in a play-off to win the Abu Dhabi Open. This was played on a sand course and Mike was presented with a gold khanjar, an Arabian dagger, for his trophy. This was given to Mike by an Abu Dhabi sheik who was a government official and sponsor of the event. From Abu Dhabi Mike transferred to Beirut, Lebanon where he was the Middle East General Manager for Bechtel's Pipeline projects. It was during this time that their son Michael was born in 1974. Mike and his family then traveled to Saudi Arabia to his next assignment as Operations Manager for all Bechtel Saudi projects, including the building of a major housing compound which was to be their home. After many years in the Middle East, Mike and his family returned to the U.S.A. in 1978 to Houston Texas. It was out of the Bechtel Houston Office where Mike was the Construction Manager for Pipeline Division's worldwide projects with responsibility for business development and projects. From 1982 through 1983 he was Resident Manager on the LPG Pipeline System in Algeria. In 1986 he was named Vice President and Manager of Pipeline Operations for Bechtel. In 1990 Mike was elected Senior Vice President of Bechtel Group, Inc. and President of the Pipeline Division and Director in 1997. It was then he established permanent business/engineering/construction offices in Thailand, Australia, and Russia and had the responsibility for execution of major international engineering, procurement and construction projects in Libya, Abu Dhabi, Iraq, Lebanon, Saudi Arabia, Egypt, Algeria, Thailand, Papua New Guinea, Australia, Mexico, Colombia, Brazil, Peru, Portugal, Russia and the United States. His responsibility as Resident Manager on the Colombian pipeline went from the jungles of Colombia over the Andes Mountains to an offshore export terminal. One other major pipeline, the PGT/PG&E Pipeline, stretched from the Canadian Border to Southern California and was the largest lump sum job in the history of Bechtel to that date. Mike was elected Executive Vice President of Bechtel Group in 2000 and was the manager of corporate wide functions of engineering, procurement, construction and remained on the Finance Committee and Co-Chairman of Project Risk Assessment until his retirement in 2005. Mike was known throughout the industry for the work he accomplished. He very much enjoyed his work, and most of all, the people he met and worked with in this industry, of which he was highly respected. Mike spent most of his career working on international Bechtel projects either as a resident or with direct responsibility over multiple projects in 21 different countries; 4 countries in the Middle East, 3 in North Africa, 2 in Europe, 7 in Southeast Asia and Oceania and 4 in Latin America. He was resident in foreign countries for more than half of his 41-year career with Bechtel. While working at Bechtel, Mike was elected President of the International Pipeline and Offshore Contractors Association in 1990 – 1991, an association of Presidents and top managers in the world-wide Pipeline Contracting Industry. He remained a Director and advisor with this group for the following two years. He was also elected an Honorary Member of the Pipeline Contractors Association in 2006. Although busy with his career, he carved out time for his family. Ski trips and summer vacations were always great fun

with memories being made. Mike and his family traveled from Texas to California in a motor home touring along the way, and made several trips throughout Europe. Since Mike's retirement he stayed on as a Consultant to Bechtel for a number of years while running a couple of other businesses ventures on his own. He was the Chairman of Global Safety Labs in Tulsa, Oklahoma since inception of operations January 2007. He built his home in the Royal Oaks Country Club community on the golf course, and upon retirement, finally got to play all the golf he wanted to, which was his passion. He shot two holes in one on the same golf course at different times, along with "shooting his age" which was 78 at the time. Mike played golf all over the world including Pebble Beach, Cypress, Augusta and many others too numerous to mention enjoying the game and companionship of his fellow golfers. Mike liked entertaining and his Christmas parties were one of the highlights of the year. He enjoyed being around people telling stories about building a pipeline while living in remote and sometimes dangerous location, or, relating some humorous golf stories. Whatever it was, the stories were almost always embellished. Mike will be remembered for his positive outlook, sense of humor, straightforward approach to everything in life, generosity, and a big friendly grin for everyone he meets. He will be greatly missed by his wife, his son, family and many of his dear friends, all who loved him. Mike is preceded in death by his father William Thiele and mother Violet Bickmore Thiele. He is survived by wife Elaine Thiele of Houston, Texas; son Michael Thiele of New Orleans, Louisiana; brother William Thiele of Coronado, California; nephews William Thiele, wife Karen, Timothy Thiele, wife Heather, Scott Thiele, wife Adriana, along with other distant Thiele relatives all living in California and Illinois. Also are sister-in-law Marque Setevage, Connecticut; nephew Marc, Connecticut; nieces Kristen, New York and Amy, Connecticut. Mike converted to Catholicism April 2014 and was a member of St. John Vianney Catholic Church. Donations may be made to the Cancer Research Foundation [www.cancerresearchfdn.org](https://www.cancerresearchfdn.org).

**Justin Wade** was born on Saturday, September 06, 1986 and passed away on Sunday, February 09, 2020. Justin Wade was a resident of New Martinsville, West Virginia at the time of passing. He was predeceased by: his father Larry Wade, Sr.; his sister Anna Lea Wade; and his mother-in-law Carolyn Gatian. He is survived by : his mother Andrea Wade (Morgan) of Reader, WV; his wife Carlin Wade (Haught); his children, Connor Wade of New Martinsville, WV, Chase Hammel of New Martinsville, WV, Emma Wade of Porters Falls, WV and Cecelia Wade of New Martinsville, WV; his siblings, Larry Wade, Jr. (AC) of New Martinsville, WV, Ryann Wade (Crystal Pritt) of Reader, WV and Jessica Cook of Hundred, WV; his father-in-law Robert Gatian; and his friends, Mark Sheppard and Jimmy Yoho. He is also survived by several aunts, uncles, nieces, nephews and cousins.



**Dallas Alan Burgess**, 71, of Winnie, TX died January 18, 2020. He was born on September 21, 1948, to Mary Gathright Burgess and Jack Burton Burgess, in Mansfield, Louisiana. Dallas was a United States Army veteran. Survivors include his wife, Debbie Burgess; sisters, Jackie Pratt of Judsonia, Arkansas and Marilyn Holt of Crystal Beach; sons, Alan Burgess and his wife, Beth, of Spring and Briet Steele and his wife, Diane, of Winnie; grandchildren,

Anna Burgess, Bailey Burgess, Dalton Askew, Ryan Askew, Elliott Askew, Kent Askew, Brittany Ulibarri, Mackenzie Ulibarri, Emily Ulibarri, Adam Steele, Chastity Drawdy, Austin Drawdy, and Benjamin Drawdy; stepsons, Michael Askew and his wife, Jennifer, of Leesburg, Georgia; stepdaughter, Amanda Drawdy of Tifton, Georgia; and numerous nieces, nephews, and cousins. He is preceded in death by his parents; daughter, Kristy Askew; sister, Myra Soper; and nephew, Jeffery Jones.



**Carl Manuel Brooks**, 79, of Cabot, passed away February 12, 2020 at his home. Carl was the owner of Western Specialties LLC, a Mason, a member of the Bridge Church in Cabot, and an inventor. Carl was born in Lee County, Arkansas the youngest son of John and Louise Simpson Brooks. He was preceded in death by his parents and his first wife, Marilyn. He is survived by his wife, Ann Brooks; one son, Carl F. Brooks and wife, Diane of Midland, Texas; two daughters, Carla S. Brooks of Fallon, Nevada and Cheryl Hayton and husband, Randy of Sacramento, California; two brothers, John Brooks and wife, Rosanne of Phoenix, Arizona and Peter Brooks and wife, Barbara of Brinkley; five grandchildren, Vincent Brooks, Laura Owens, David, Lena and Matt Gavin and five great-grandchildren.

**James Jolley** of Fort Worth, Texas passed away Feb. 2, 2020, at his home surrounded by close family and his beloved dogs. At his request, he was cremated and no memorial service was held. James was born May 8, 1944 in Houston, Texas to Marlon and Margie (Bates) Jolley. He graduated from Bellaire High School in Houston, Texas. James followed in his father's footsteps and pursued a lifelong career in the oil and gas industry. James met his future wife Alice Couch while working in New York on an assignment and married her Nov. 16, 1966. He rose through the ranks working in the field, then in management and ultimately owning his own company. James founded the successful pipeline inspection company, WesTex Inspection based out of Odessa, Texas. James had a passion for dogs and was involved with both Pugs and Bullmastiffs. He owned, imported, showed and bred Bullmastiffs for over 15 years. He also owned several champion pugs. He was a fan of all music types but had a special love for Texas Country music and its songwriters. James is survived by his loving wife of 53 years, Alice Jolley; his daughter Suzette Jolley and her husband Joe Young of Bowie, TX; his granddaughter Mackenzie Hamilton; his brother Daniel Jolley and numerous cousins, nephews and nieces.

**Jerry R. Perrine**, 85, of Newport Ohio/ N.Ft Meyers Florida passed away Feb. 3rd 2020. He was a member of Local 18 operating engineers for over 60 years as master mechanic, superintendent for Union Boiler, Kewit, Calvin and Holloway most of his career. He is survived by his dear wife June, of 66 years; oldest son, Tom and Rindy of North Port Florida; Sherry and Bud Farley of Newport Ohio and Todd and Pam Perrine from Newport Ohio; granddaughters, two of which were PLCA scholarship winners, and twp great grandchildren. Jerry enjoyed being part the equipment business and was instrumental in many of the modern changes you see today.



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