ENVERUS

Midstream Pulse

April 10, 2024 Volume 4, No. 8

Select Stories

Pipelines & Projects | Engie to expand gas line in Yucatan, connect to TC's SE Gateway

Pipelines & Projects | Summit launches Double E open season in commercialization push

Pipelines & Projects | Trans Mountain expansion expected to enter service May 1

Developments & Trends | DOE seeks big SPR refill by YE24, nixes one buy over price

A&D | Phillips 66 reportedly shopping 25% REX pipeline stake

LNG | Cedar LNG issues notice to proceed in march toward mid-2024 FID

LNG | MidOcean closes Australian LNG buy, adds Mitsubishi as investor

LNG | Woodside closes on sale of 10% of Scarborough for \$910MM

Downstream | Par Pacific revolver limit soars from \$150MM to \$1.4B in a year

Section Index	PG.
Pipelines & Projects	3
Research Spotlight	5
Developments & Trends	6
A&D	8
LNG	9
Recurring Tables & Graphs	9 PG.
	-
Recurring Tables & Graphs	PG.
Recurring Tables & Graphs Pipeline Construction Projects	PG.

BlackRock and KKR divest 40% stake in ADNOC Oil Pipelines

BlackRock Inc. and Kohlberg Kravis Roberts & Co. sold their 40% ownership in ADNOC Oil Pipelines LLC to Abu Dhabi-based alternative investment manager Lunate, roughly five years after the global investment firms paid \$4 billion for the stake. Financial terms for transaction, announced April 3, were not disclosed.

Lunate's Long Term Capital Fund executed the acquisition of a special purpose vehicle jointly held by BlackRock and KKR managed funds. Based in Abu Dhabi, AOP was established in 2019 to lease ownership interests in 22 pipelines from ADNOC for 23 years through a concession agreement. The 17 onshore and five offshore pipelines cover 806 km across the region with total capacity of 18 MMbo/d.

"Lunate's investment in AOP aligns with our long-term capital strategy to identify and invest in premium infrastructure assets. It also presents an opportunity to invest in a core Abu Dhabi asset and demonstrates our confidence in the UAE economy," Lunate managing partner Murtaza Hussain said. Neither BlackRock nor KKR commented on the sale.

For BlackRock, its share of the original \$4 billion transaction is small potatoes. The world's largest money manager, BlackRock manages \$10 trillion in assets. **Read more...**

Enterprise greenlights 5th Mentone plant on Permian NGL growth

Enterprise Products Partners is further expanding its gas processing capabilities in the Permian, announcing plans to build a new gas plant in the Delaware Basin and recent completion of gas plants in both the Delaware and Midland basins. The Mentone West 2 plant in Loving County, Texas, is expected to enter service in 2Q26, with capacity to process

more than 300 MMcf/d and extract more than 40,000 bbl/d of NGLs. Construction is already underway on the 300 MMcf/d Mentone West 1 plant—formerly known as Mentone 4—with completion anticipated in 2H25.

Construction already underway on the 300 MMcf/d Mentone West 1 plant.

Enterprise recently commenced operations at the 300 MMcf/d Mentone 3 plant. Once the two Mentone West plants are online, Enterprise will have 2.8 Bcf/d of processing capacity capable of extracting 370,000 bbl/d of NGLs in the Delaware Basin.

In the Midland Basin, Enterprise brought into service its Leonidas gas plant in Midland County, Texas. Construction continues on the Orion plant, which is expected online in 2H25. Both plants are designed for more than 300 MMcf/d of processing and 40,000 bbl/d of NGL extraction. **Read more...**

Enterprise's \$6.5B of Major Projects Under Construction

Forecast

Capital	Project Summary	In-Service
	Leonidas Plant (Midland Basin)	In Service
	Orion Plant (Midland Basin)	2H 2025
spi	Mentone 3 Plant (Delaware Basin)	In Service
Liqu	Mentone West Plant (Delaware Basin)	2H 2025
Natural Gas Liquids	Mentone West 2 Plant (Delaware Basin)	2026
ural	Bahia NGL Pipeline	1H 2025
Nat	Fractionator 14	2H 2025
	Neches River Ethane / Propane Export Terminal	2H 2025 & 1H 2026
	EHT Export Facility Upgrades	1H 2025
Natural Gas	Gathering Expansions	2024 & 2025
hem & fined ducts	Texas Western Products System	1H 2024
Petc Re Pro	Ethylene Export Expansion	2H 2024 & 2H 2025



Source | Enterprise Products Partners 04/03/24 presentation via Enverus docFinder

Midstream Pulse

Activity Index -

Company	Headline	Category	PG.
ADNOC Oil Pipelines	BlackRock and KKR divest 40% stake in ADNOC Oil Pipelines	A&D	1
ARC Resources	Cedar LNG issues notice to proceed in march toward mid-2024 FID	LNG	9
Baker Hughes	Cedar LNG issues notice to proceed in march toward mid-2024 FID	LNG	9
Beach Energy	Gas plant woes further delay Waitsia, hike costs to A\$1.2-1.3B	Pipelines & Projects	6
Black & Veatch	Cedar LNG issues notice to proceed in march toward mid-2024 FID	LNG	9
BlackRock	BlackRock and KKR divest 40% stake in ADNOC Oil Pipelines	A&D	1
Cedar LNG	Cedar LNG issues notice to proceed in march toward mid-2024 FID	LNG	9
Chevron	MidOcean closes Australian LNG buy, adds Mitsubishi as investor	LNG	9
Colonial Pipeline	Colonial delays Baltimore line shutdown after bridge collapse	Pipelines & Projects	5
Engie	Engie to expand gas line in Yucatan, connect to TC's SE Gateway	Pipelines & Projects	3
Enterprise Products Partners	Enterprise greenlights 5th Mentone plant on Permian NGL growth	Pipelines & Projects	1
ExxonMobil	Exxon & QatarEnergy divest Adriatic LNG import terminal in Italy	LNG	10
Freeport LNG	U.S. leads 2023 LNG exports on Freeport restart, Calcasieu Pass	LNG	9
GS Engineering & Construction	Aramco issues \$7.7B in EPC awards for gas plant expansion	Pipelines & Projects	3
J. Aron & Co.	Par Pacific revolver limit soars from \$150MM to \$1.4B in a year	Downstream	10
JOGMEC	Woodside closes on sale of 10% of Scarborough for \$910MM	LNG	10
KKR	BlackRock and KKR divest 40% stake in ADNOC Oil Pipelines	A&D	1
LNG Japan	Woodside closes on sale of 10% of Scarborough for \$910MM	LNvG	10
Mitsubishi	MidOcean closes Australian LNG buy, adds Mitsubishi as investor	LNG	9
Mitsui	Gas plant woes further delay Waitsia, hike costs to A\$1.2-1.3B	Pipelines & Projects	6
MidOcean Energy	MidOcean closes Australian LNG buy, adds Mitsubishi as investor	LNG	9
Nesma & Partners Contracting	Aramco issues \$7.7B in EPC awards for gas plant expansion	Pipelines & Projects	3
Par Pacific Holdings	Par Pacific revolver limit soars from \$150MM to \$1.4B in a year	Downstream	10
Pembina Pipeline	Cedar LNG issues notice to proceed in march toward mid-2024 FID	LNG	9
Phillips 66	Phillips 66 reportedly shopping 25% REX pipeline stake	A&D	8
QatarEnergy	Exxon & QatarEnergy divest Adriatic LNG import terminal in Italy	LNG	10
Samsung	Aramco issues \$7.7B in EPC awards for gas plant expansion	Pipelines & Projects	3
Samsung	Cedar LNG issues notice to proceed in march toward mid-2024 FID	LNG	9
Saudi Aramco	Aramco issues \$7.7B in EPC awards for gas plant expansion	Pipelines & Projects	3
Shell	MidOcean closes Australian LNG buy, adds Mitsubishi as investor	LNG	9
Summit Midstream Partners	Summit launches Double E open season in commercialization push	Pipelines & Projects	3
Tallgrass Energy	Phillips 66 reportedly shopping 25% REX pipeline stake	A&D	8
TC Energy	Engie to expand gas line in Yucatan, connect to TC's SE Gateway	Pipelines & Projects	3
Tokyo Gas	MidOcean closes Australian LNG buy, adds Mitsubishi as investor	LNG	9
Trans Mountain	Trans Mountain expansion expected to enter service May 1	Pipelines & Projects	5
Venture Global LNG	U.S. leads 2023 LNG exports on Freeport restart, Calcasieu Pass	LNG	9
Vitol	Exxon & QatarEnergy divest Adriatic LNG import terminal in Italy	LNG	10
Woodside Energy	MidOcean closes Australian LNG buy, adds Mitsubishi as investor	LNG	9



Midstream Pulse

Pipelines & Projects

Engie to expand gas line in Yucatan, connect to TC's SE Gateway

French energy firm Engie signed an agreement with Mexico's Federal Electricity Commission, or CFE, to expand its 800-km Mayakan gas pipeline in the Yucatan Peninsula. Capacity will more than double to 567 MMcf/d from 250 MMcf/d through the construction of more than 700 km of new pipeline along the Mayakan route. The expansion is expected to cost Engie and its partners about \$2 billion, create 4,500 jobs and be completed by YE26, Engie México chief government affairs and sustainability officer Ana Ludlow told Bloomberg Línea.

The line will interconnect at Cactus, Chiapas, with TC Energy's Southeast Gateway pipeline, which will transport 1.3 Bcf/d from Tuxpan, Veracruz, to Coatzacoalcos, Veracruz, and Dos Bocas, Tabasco, starting in 2026. The link will allow Mayakan to receive gas imported from Texas via TC's existing Sur de Texas-Tuxpan pipeline. The expanded capacity will feed two combined cycle power plants that CFE is building in the Yucatan Peninsula: 499 MW Merida IV and 1.02 GW Rivera Maya.

"The signing of this agreement establishes the commitment to transport natural gas in a reliable, continuous and efficient manner to the area, and to achieve a competitive rate

that will allow us to meet the objective set by President Andrés Manuel López Obrador, to avoid increases in the electricity rates of the region," Engie country manager Felisa Ros said



Summit launches Double E open season in commercialization push

Summit Midstream Partners launched a non-binding open season to solicit interest in firm capacity on its 135-mile, 1.35 Bcf/d Double E pipeline, which transports natural gas from southeast New Mexico and West Texas to the Waha hub. Any bidder participating in the open season may propose a transportation path utilizing any existing receipt or delivery point, one or more new receipt or delivery points, or any combination. The open season will conclude April 29.

Double E capacity commercialization is one of the organic growth projects Summit highlighted in its 4Q23 earnings release. The company is also interested in expanding the line to 2 Bcf/d. In 4Q23, it signed a new 40 MMcf/d, 10-year take-or-pay contract with a large independent producer in support of Double E. Under the contract, Summit will connect the pipeline to EOG Resources' under-construction 300 MMcf/d Janus processing plant 3 miles away in Loving County, Texas. The plant is expected online in 1Q25. The additional connection strategically positions Double E for incremental contracts as the processing complex expands and volumes upstream of the plant increase.

Double E Illustrative Residential Equity Value

Significant potential value uplift to SMLP	stakeholders commercializing Double E
--	---------------------------------------

Existing Contracts	1.35 Bcf/d Capacity	~2.0 Bcf/d Expansion
\$30	\$45	\$60
	10.5x	10.5x
MLP)	\$473	\$630
	\$148	\$148
	123	123
	20	80
et to SMLP	\$182	\$280
	\$30	\$30 \$45 10.5x MLP) \$473 \$148 123 20

Source | Summit Midstream Partners 12/06/23 presentation via Enverus docFinder

Aramco issues \$7.7B in EPC awards for gas plant expansion

Saudi Aramco awarded \$7.7 billion in EPC contracts for a major expansion of its Fadhili gas plant in Saudi Arabia. The project is expected to increase the plant's processing capacity from 2.5 Bcf/d to 4 Bcf/d.

Samsung E&A gobbled up the lion's share of the work, saying it received two packages valued at a combined \$6 billion. The Seoul-based company received the package for the gas treatment unit as well as a package for utilities and offsite EPC. In 2021, when it was named Samsung Engineering Co., the company received the \$1.2 billion EPC contract from Saudi Aramco to build the 1.1 Bcf/d Jafurah gas treatment project, which is scheduled for completion in 2025. Seoul-based GS Engineering & Construction Corp. and Saudi Arabia-based Nesma & Partners Contracting Co. split the rest of the Fadhili awards.

1.5 Bcf/d of new processing to help Aramco boost gas output over 60% by 2030.

The additional 1.5 Bcf/d of processing capacity should contribute to Saudi Aramco's strategy to raise gas production by more than 60% by 2030, compared to 2021 levels. The Fadhili expansion, which is expected to be completed by November 2027, is also expected to add 2,300 tonnes/day of sulfur production.

"The award of these contracts reflects Aramco's goal to increase supplies of natural gas, help efforts to reduce greenhouse gas emissions, and free up more crude oil for value-added refining and export," said Wail Al Jaafari, Saudi Aramco EVP of technical services. "The expansion also supports our ambitions to develop a lower-carbon hydrogen business, while associated liquids from gas are an important feedstock for the petrochemical industry."



ENVERUS EVOLVE

CONFERENCE

The pivotal event for energy professionals, thought leaders and experts

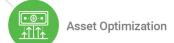


Marriott Marquis Houston

Connect. Engage. Act.

Don't miss this opportunity to access valuable content, connect with peers, engage with new ideas and take action to power the global quality of life.

Register Now















Thank you!

We hope you've enjoyed your sample of our Midstream Pulse report. To request access to the full report GUCK HERE.

Enverus is the trusted source for global oil & gas and renewables activity, including projects and operations, M&A activity, capital markets and new technologies.

