

ATTACHMENT 2: LIST OF PUMPCO PROJECTS PER INDUSTRIAL INFO  
RESOURCES

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300784586



**Project Name** RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE  
**Umbrella Project Name** MATTERHORN EXPRESS PIPELINE PROJECT

[PEC Activity Diagram](#)  
**Umbrella Project Count** 6

**Umbrella Project Summary** Matterhorn Express Pipeline project is a 410 miles of 30,36 and 42" diameter natural gas pipeline that will connect UPTON County to FORT BEND County, Tx. Project is expected to be completed late 2024.

**Industry Code** 03 Oil & Gas Pipelines

**Project Type** Grassroot

**TIV (USD)** 625,000,000

**SIC Code** 4922 Natural Gas Transmission

**Sector** Natural Gas Pipelines

**SIC Product** 4922\*0004 Natural Gas Pipelines

**Status** Active

**Last Update** 05-May-2023

**Initial Release** 25-Apr-2022

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union



**Project Capacity** **Planned** 250 MMSCFD of Natural Gas, Gaseous (Methane)

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	410.80	Miles (mi)	42	Inches (in)

**Plant Owner** WhiteWater Midstream

**Plant Parent** WhiteWater Midstream

**Plant Name** Rankin Natural Gas Compressor Station 2

**Unit Name**

**Plant ID** 3331528

**Location** 9 miles East of Rankin

**Phone** +1 512 953 2100

**City/State** Rankin, Texas 79778 U.S.A.

**Zone/County** TX\*06, Upton

### Project Responsibility Project Company

### Project Contact

**Project Director** WhiteWater Midstream  
 100 Congress Street  
 Austin, Texas 78701  
 U.S.A.

Caleb Ryan  
 Operations Director  
 [Tel.] +1 512 953 2105  
 [E-Mail] cyan@whitewatermidstream.com ;  
 [LinkedIn] caleb-ryan-p-e-39570229

**Contracts Administrator** WhiteWater Midstream  
 100 Congress Street  
 Austin, Texas 78701  
 U.S.A.

Michael Serish  
 Supply Chain Manager  
 [Tel.] +1 512 953 2100  
 [E-Mail] mserish@whitewatermidstream.com ;  
 [LinkedIn] michael-serish-a928063b

**Compliance** WhiteWater Midstream  
 100 Congress Street  
 Austin, Texas 78701  
 U.S.A.

Shelli Myers  
 Permit Engineer  
 [Tel.] +1 281 639 5423  
 [E-Mail]

**G/C** Pumpco Incorporated  
 1209 South Main Street  
 Giddings, Texas 78942  
 U.S.A.

Adam Nietzsche  
 Site Construction Superintendent  
 [Tel.] +1 979 542 9054  
 [E-Mail] adam.nietzsche@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Construction - Merit Shop

**Project Probability** High (81-99%)

**Scope** Whitewater Midstream with Matterhorn Express Pipeline (subsidiary) awards Pumpco (G/C) and performs Construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the Matterhorn Pipeline Project, install 410.8 Miles of 30", 36" and 42" diameter transmission pipeline to transport up to 2,500 MMSCFD of natural gas originating from Upton County, TX and terminating in Fort Bend County, TX. REQUIRES: Trenching, Excavation, Trenching, Excavating, Pig Launching, 30", 36" and 42" Diameter Transmission Pipe, Flanges, Custody Transfers, SCADA, Metering, Block/Control Valves, Coatings, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Matterhorn with Pumpco continues with Construction Activities (Clearing and Grading) and releases remaining Equipment RFQ's and Bid Documents plus review and select Subcontractors 2Q23 (Apr) through 3Q23 (Jul). Construction Commenced 2Q23 (May). Scheduled Project Completion 3Q24 (Sep).

<b>Project Milestones</b>	<b>AFE</b> 202302	<b>Sub Bid Doc</b> 202307	<b>Completion</b> 15-Sep-2024	<b>Precision</b> QUARTER
	<b>Long-Lead</b> 202208	<b>Equip RFQ</b> 202304	<b>Kick-Off</b> 202305	<b>Duration</b> 17 Months
			<b>Kickoff Slippage</b> 0 Months	

<b>Engineering</b>					
<b>Contracting</b>	Electrical	Environmental		Instrumentation	Mechanical
<b>Project Key Needs</b>			Control Room		
	Instrumentation	Electrical	Mechanical		NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps
	Communications				Transportation

**Matter Phase** Gas

**Energy**

**Buy** Electricity

**Sell**

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
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## Exhibit GPLDC-1b

<b>Plant Manager</b>	Caleb Ryan	[Phn.] +1 512 953 2105	Aug-2022
<b>Operations Director</b>	cryan@whitewatermidstream.com	No	caleb-ryan-p-e-39570229
<b>Maintenance Manager</b>	Caleb Ryan	[Phn.] +1 512 953 2105	Aug-2022
<b>Operations Director</b>	cryan@whitewatermidstream.com	No	caleb-ryan-p-e-39570229
<b>Purchasing Manager</b>	Michael Serish	[Phn.] +1 512 953 2100	Aug-2022
<b>Supply Chain Manager</b>	mserish@whitewatermidstream.com	No	michael-serish-a928063b
<b>Engineering Manager</b>	Glenn Kellison	[Phn.] +1 512 953 2100	Aug-2022
<b>Engineering Director</b>	gkellison@whitewatermidstream.com	No	glenn-kellison-36aba4135
<b>Environmental Manager</b>	Caleb Ryan	[Phn.] +1 512 953 2105	Aug-2022
<b>Operations Director</b>	cryan@whitewatermidstream.com	No	caleb-ryan-p-e-39570229
<b>Safety Manager</b>	Caleb Ryan	[Phn.] +1 512 953 2105	Aug-2022
<b>Operations Director</b>	cryan@whitewatermidstream.com	No	caleb-ryan-p-e-39570229
<b>Utilities Manager</b>	Caleb Ryan	[Phn.] +1 512 953 2105	Aug-2022
<b>Operations Director</b>	cryan@whitewatermidstream.com	No	caleb-ryan-p-e-39570229
<b>Human Resource Manager</b>	Zoe Gogonas	[Phn.] +1 512 953 2100	Aug-2022
<b>Human Resource Director</b>		No	zoe-gogonas-phr-89537121

### Historical Reports

Project Name	Report Date	TIV	Phase
RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE	25-Apr-2022	625,000,000 USD	Preliminary Design (P1 - 07)
RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE	12-Jul-2022	625,000,000 USD	Permitting (P2 - 18)
RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE	04-Jan-2023	625,000,000 USD	Permitting (P2 - 18)
RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE	21-Feb-2023	625,000,000 USD	Permitting (P2 - 18)
RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE	03-Mar-2023	625,000,000 USD	Permitting (P2 - 18)
RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE	03-May-2023	625,000,000 USD	Permitting (P2 - 18)
RANKIN MATTERHORN GRASSROOT NATURAL GAS PIPELINE	05-May-2023	625,000,000 USD	Construction - Merit Shop (C1 - 36)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

## Capital PEC Report

Project ID: 300025559



**Project Name** PECOS SANDHILLS GRASSROOT NGL PIPELINE  
**Industry Code** 03 Oil & Gas Pipelines

**Project Type** Grassroot

[PEC Activity Diagram](#)

**TIV (USD)** 235,000,000

**SIC Code** 4922 Natural Gas Transmission

**Sector** Natural Gas Liquids Pipelines



**SIC Product** 4922\*0010 Natural Gas Liquids Pipeline

**Status** Complete / Done

**Last Update** 21-Mar-2023

**Initial Release** 14-Jan-2011

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Non-Union

**Operations Labor Preference** Non-Union

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	132	Miles (mi)	20	Inches (in)

**Plant Owner** DCP Midstream LP

**Plant Name** Orla Meter Station 02

**Plant ID** 3490645

**Location** 243-193 rm 652

**City/State** Orla, Texas 79770 U.S.A.

**Plant Parent** DCP Midstream LP

**Unit Name**

**Phone** +1 620 624 7231

**Zone/County** TX\*06, Reeves

### Project Responsibility Project Company

**Project Executive** DCP Midstream LP

370 17th Street Suite 2500  
 Denver, Colorado 80202  
 U.S.A.

### Project Contact

Jerry Fenton

Director of Major Pipeline Projects  
 [Tel.] +1 303 595 3331  
 [E-Mail] jfenton@dcpmidstream.com (!)

**Project Manager** DCP Midstream LP

370 17th Street Suite 2500  
 Denver, Colorado 80202  
 U.S.A.

Jeff Trujillo

Project Coordinator  
 [Tel.] +1 303 595 3331

**G/C** Pumpco Incorporated

P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Alan Roberts

Construction Manager  
 [Tel.] +1 979 542 9054  
 [E-Mail] alan@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** DCP Midstream awards Pumpco (G/C) and continues with Site Preparation Activities on a Grassroot Natural Gas Liquids Pipeline. DETAILS: As part of the 720 Mile Sandhills Pipeline Project in the Eagle Ford Shale; Install 132 miles of 20" diameter transmission pipeline (Middle Section) to transport up to 200,000 BBL/d of natural gas liquids from the Avalon Shale area in Reeves County, West Texas to traverse through Jackson, Victoria, Goliad, Bee, Live Oak, McMullen and La Salle Counties to Mont Belvieu TX. REQUIRES: Site Preparation, Trenching, 20" Diameter Transmission Pipe, SCADA, Cathodic Protection, Pig Launching & Receiving, Coatings, Block/Control Valves, MCC Mods, Condensers, Metering and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** DCP Midstream continues to finalize Surveys and ROW and with Pumpco is proceeding with Site Preparation Activities on 132 Miles (Clearing & Grading). DCP Midstream releases remaining RFQ's 2Q12 (Jun) and with Pumpco continue to review Subcontractor Bid Packages through 3Q12 (Jul). Construction on the Kick-Off 2Q12 (Jun). First Section Completion 4Q12 (Dec). Full Pipeline Completion and In-Service 2Q13 (Apr).

<b>Project Milestones</b>	<b>AFE</b> 201201	<b>Sub Bid Doc</b> 201204	<b>Completion</b> 15-Apr-2013	<b>Precision</b> MONTH
	<b>Equip RFQ</b> 201110	<b>Kick-Off</b> 201206	<b>Kickoff Slippage</b> -2 Months	<b>Duration</b> 11 Months

<b>Engineering</b>	Electrical	Environmental	Instrumentation	Mechanical
<b>Contracting</b>				
<b>Project Key Needs</b>	Civil/Site	Control Room	Process Equip	
	Instrumentation	Electrical	Mechanical	
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities
	Communications		Valves	Pumps
				Transportation

**Matter Phase** Gas                      Liquid

**Energy**

**Buy** Electricity

**Sell**

### Historical Reports

Project Name	Report Date	TIV	Phase
PECOS SANDHILLS GRASSROOT NATURAL GAS LIQUIDS PIPELINE	14-Jan-2011	950,000,000 USD	Economic Evaluation (P1 - 04)
PECOS SANDHILLS GRASSROOT NGL PIPELINE	06-Jul-2011	950,000,000 USD	Economic Evaluation (P1 - 04)
PECOS SANDHILLS GRASSROOT NGL PIPELINE	14-May-2012	235,000,000 USD	Site Preparation (E2 - 26)
PECOS SANDHILLS GRASSROOT NGL PIPELINE	18-Jan-2013	235,000,000 USD	Construction - Merit Shop (C1 - 36)
PECOS SANDHILLS GRASSROOT NGL PIPELINE	09-May-2013	235,000,000 USD	Completion/Start-Up (C1 - 41)
PECOS SANDHILLS GRASSROOT NGL PIPELINE	21-Mar-2023	235,000,000 USD	Completion/Start-Up (C1 - 41)





**Project Name** MOULTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE LOOF  
**Umbrella Project Name** PERMIAN HIGHWAY PIPELINE (PHP) EXPANSION

[PEC Activity Diagram](#)  
**Umbrella Project Count** 7

**Umbrella Project Summary** PHP expansion project will involve primarily compression expansions on PHP to increase natural gas capacity by nearly 650 million cubic feet per day (MMcf/d) from the Waha area to multiple mainline connections in Katy, Texas and various U.S. Gulf Coast markets.

**Industry Code** 03 Oil & Gas Pipelines  
**TIV (USD)** 55,000,000  
**SIC Code** 4922 Natural Gas Transmission  
**SIC Product** 4922\*0004 Natural Gas Pipelines  
**Status** Active  
**Environmental** Air (A) Land (L)

**Project Type** Grassroot  
**Sector** Natural Gas Pipelines  
**Last Update** 31-Jan-2023 **Initial Release** 31-Jan-2023  
**Construction Labor Preference** Unconfirmed  
**Operations Labor Preference** Non-Union



**Project Capacity** **Planned** 500 MMSCFD of Natural Gas, Gaseous (Methane)

**Plant Owner** Permian Highway Pipeline LLC  
**Plant Name** Praha Natural Gas Compressor Station  
**Plant ID** 3453008  
**Location** 1619 FM 1295  
**City/State** Moulton, Texas 77975 U.S.A.

**Plant Parent** Kinder Morgan Incorporated  
**Unit Name**  
**Phone** +1 713 369 9000  
**Zone/County** TX\*05, Lavaca

**Project Responsibility Project Company**

**Project Manager** Kinder Morgan Incorporated  
 1001 Louisiana Street, Suite 1000  
 Houston, Texas 77002-5089  
 U.S.A.

**Project Contact**

Tony Lawrence  
 Facilities Engineering Supervisor  
 [Tel.] +1 713 369 9000 x29825  
 [E-Mail] tony\_lawrence@kindermorgan.com

**Compliance** Kinder Morgan Incorporated  
 1001 Louisiana Street  
 Houston, Texas 77002  
 U.S.A.

Shannon Miller  
 Permit Engineer/Regulatory Affairs  
 [Tel.] +1 713 420 4038  
 [E-Mail] shannon\_miller@kindermorgan.com

**Consultant** Hoover & Keith Incorporated  
 11391 Meadowglen Suite D  
 Houston, Texas 77082  
 U.S.A.

Brian Hellebuyck  
 Environmental Project Manager  
 [Tel.] +1 281 496 9876

**G/C** Pumpco Incorporated  
 1209 South Main Street  
 Giddings, Texas 78942  
 U.S.A.

Adam Nietsche  
 Site Construction Superintendent  
 [Tel.] +1 979 542 9054  
 [E-Mail] adam.nietsche@pumpco.cc

**PEC® Timing** C1  
**Project Probability** High (81-99%)

**PEC® Activity** Construction - Merit Shop

**Scope** Permian Highway Pipeline LLP (PHP) (subsidiary of Kinder Morgan Incorporated) awards Hoover & Keith (Environmental Consultants) and Pumpco (G/C) and perform Construction on a Grassroot Natural Gas Pipeline Loop. DETAILS: As part of the PHP Expansion Project from the Permian Basin, install 5 Miles of 36" diameter transmission pipeline to transport up to 500MMSCFD of natural gas between Reeves County and Pecos County, TX. REQUIRES: Trenching, Excavation, Pig Launching, 24" Diameter Transmission Pipe, Flanges, Custody Transfers, Metering, Block/Control Valves, Coatings, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment, EIS.

**Schedule** PHP in Conjunction with Hoover & Keith and Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Bid Documents plus review and select Subcontractors 1Q23 (Jan) through 1Q23 (Mar). Construction Commenced 4Q22 (Dec). Scheduled Project Completion 4Q23 (Dec).

Project Milestones	AFE 202211			Sub Bid Doc 202303		Completion 15-Dec-2023		Precision QUARTER	
	Long-Lead 202206	Equip RFQ 202301	Environmental	Kick-Off 202212	Kickoff Slippage 0 Months	Instrumentation Mechanical	Duration 13 Months	General [G/C]	
Engineering Civil	Electrical	Environmental	Instrumentation Mechanical						
Contracting Civil	Electrical	Environmental	Instrumentation Mechanical						
<b>Project Key Needs</b>	Civil/Site		Control Room						
	Instrumentation Electrical	Mechanical			NDE				
	Piping/Fittings	Insulation/Coatings	Environmental Utilities		Valves	Pumps			
<b>Matter Phase</b>	Gas								
<b>Energy</b>									
<b>Buy</b>	Electricity								
<b>Sell</b>									

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Steve Romano	[Phn.] +1 713 369 9000 x36244	Mar-2023
<b>Vice President of Operations</b>	steven.romano@kindermorgan.com	No	steve-romano-1630372
<b>Maintenance Manager</b>	Steve Romano	[Phn.] +1 713 369 9000 x36244	Mar-2023
<b>Vice President of Operations</b>	steven.romano@kindermorgan.com	No	steve-romano-1630372

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<b>Purchasing Manager</b>	Steve Romano	[Phn.] +1 713 369 9000 x36244	Mar-2023
<b>Vice President of Operations</b>	steven.romano@kindermorgan.com	No	steve-romano-1630372
<b>Engineering Manager</b>	David Grisko	[Phn.] +1 713 369 9870	Mar-2023
<b>Business Development</b>	david_grisko@kindermorgan.com	No	
<b>Environmental Manager</b>	Brittany Brumley	[Phn.] +1 713 420 6314	Mar-2023
<b>EHS Manager</b>		No	brittany-brumley-27801940
<b>Safety Manager</b>	Brittany Brumley	[Phn.] +1 713 420 6314	Mar-2023
<b>EHS Manager</b>		No	brittany-brumley-27801940
<b>Utilities Manager</b>	Steve Romano	[Phn.] +1 713 369 9000 x36244	Mar-2023
<b>Vice President of Operations</b>	steven.romano@kindermorgan.com	No	steve-romano-1630372
<b>Human Resource Manager</b>	Mary Burtner	[Phn.] +1 713 369 9000	Mar-2023
	mary_burtner@kindermorgan.com	No	maryburtner



**Project Name** COYANOSA PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE LOC  
**Umbrella Project Name** PERMIAN HIGHWAY PIPELINE (PHP) EXPANSION

[PEC Activity Diagram](#)

**Umbrella Project Count** 7

**Umbrella Project Summary** PHP expansion project will involve primarily compression expansions on PHP to increase natural gas capacity by nearly 650 million cubic feet per day (MMcf/d) from the Waha area to multiple mainline connections in Katy, Texas and various U.S. Gulf Coast markets.

**Industry Code** 03 Oil & Gas Pipelines

**Project Type** Grassroot

**TIV (USD)** 35,000,000

**SIC Code** 4922 Natural Gas Transmission

**Sector** Natural Gas Pipelines

**SIC Product** 4922\*0004 Natural Gas Pipelines

**Status** Active

**Last Update** 31-Jan-2023

**Initial Release** 31-Jan-2023

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union



**Project Capacity**

**Planned** 500 MMSCFD of Natural Gas, Gaseous (Methane)

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield		5 Miles (mi)		36 Inches (in)

**Plant Owner** Permian Highway Pipeline LLC

**Plant Parent** Kinder Morgan Incorporated

**Plant Name** Fort Stockton Coyanosa Natural Gas Compressor Station

**Unit Name**

**Plant ID** 3335456

**Location** 2629 Trailer House Road

**Phone** +1 713 369 9000

**City/State** Coyanosa, Texas 79730 U.S.A.

**Zone/County** TX\*06, Pecos

### Project Responsibility Project Company

### Project Contact

**Project Manager** Kinder Morgan Incorporated  
 1001 Louisiana Street, Suite 1000  
 Houston, Texas 77002-5089  
 U.S.A.

Tony Lawrence  
 Facilities Engineering Supervisor  
 [Tel.] +1 713 369 9000 x29825  
 [E-Mail] tony\_lawrence@kindermorgan.com

**Compliance** Kinder Morgan Incorporated  
 1001 Louisiana Street  
 Houston, Texas 77002  
 U.S.A.

Shannon Miller  
 Permit Engineer/Regulatory Affairs  
 [Tel.] +1 713 420 4038  
 [E-Mail] shannon\_miller@kindermorgan.com

**Consultant** Hoover & Keith Incorporated  
 11391 Meadowglen Suite D  
 Houston, Texas 77082  
 U.S.A.

Brian Hellebuyck  
 Environmental Project Manager  
 [Tel.] +1 281 496 9876

**G/C** Pumpco Incorporated  
 1209 South Main Street  
 Giddings, Texas 78942  
 U.S.A.

Adam Nietsche  
 Site Construction Superintendent  
 [Tel.] +1 979 542 9054  
 [E-Mail] adam.nietsche@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Construction - Merit Shop

**Project Probability** High (81-99%)

**Scope** Permian Highway Pipeline LLP (PHP) (subsidiary of Kinder Morgan Incorporated) awards Hoover & Keith (Environmental Consultants) and Pumpco Incorporated (G/C) and proceed with Construction on a Grassroot Natural Gas Pipeline Loop. DETAILS: As part of the PHP Expansion Project from the Permian Basin, install 5 Miles of 36" diameter transmission pipeline to transport up to 500MMSCFD of natural gas between Reeves County and Pecos County, TX. REQUIRES: Trenching, Excavation, Pig Launching, 24" Diameter Transmission Pipe, Flanges, Custody Transfers, Metering, Block/Control Valves, Coatings, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment, EIS.

**Schedule** PHP in Conjunction with Hoover & Keith and Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Bid Documents plus review and select Subcontractors 1Q23 (Jan) through 1Q23 (Mar). Construction Commenced 4Q22 (Dec). Scheduled Project Completion 4Q23 (Dec).

Project Milestones	Long-Lead	AFE	Sub Bid Doc	Completion	Precision
	202206	202211	202303	15-Dec-2023	QUARTER
		Equip RFQ	Kick-Off	Kickoff Slippage	Duration
		202301	202212	0 Months	13 Months
<b>Engineering</b> Civil	Electrical	Environmental		Instrumentation Mechanical	
<b>Contracting</b> Civil	Electrical	Environmental		Instrumentation Mechanical	General [G/C]
<b>Project Key Needs</b> Civil/Site			Control Room		
	Instrumentation	Electrical	Mechanical	NDE	
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Pumps	
	Communications			Transportation	
<b>Matter Phase</b> Gas					
<b>Energy</b>					
<b>Buy</b> Electricity					
<b>Sell</b>					

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Brian Stokes	[Phn.] +1 432 333 5501	Mar-2023



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<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Maintenance Manager</b>	Brian Stokes	[Phn.] +1 432 333 5500	Mar-2023
<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Purchasing Manager</b>	Brian Stokes	[Phn.] +1 432 333 5501	Mar-2023
<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Engineering Manager</b>	David Grisko	[Phn.] +1 713 369 9870	Mar-2023
<b>Business Development</b>	david_grisko@kindermorgan.com	No	
<b>Environmental Manager</b>	Eric Parker	[Phn.] +1 432 688 3780	Mar-2023
	eric_parker@kindermorgan.com	No	eric-parker-6b101b175
<b>Safety Manager</b>	Scott Long	[Phn.] +1 713 396 9000	Mar-2023
<b>EHS Manager-Contractor Safety</b>	scott_long@kindermorgan.com	No	scott-long-91291238
<b>Utilities Manager</b>	Brian Stokes	[Phn.] +1 432 333 5501	Mar-2023
<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Human Resource Manager</b>	Mary Burtner	[Phn.] +1 713 369 9000	Mar-2023
	mary_burtner@kindermorgan.com	No	maryburtner

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300289586**



**Project Name** LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPE|  
**Umbrella Project Name** DOS AGUILAS & HOWARD ENERGY PARTNERS PROJECT

[PEC Activity Diagram](#)  
**Umbrella Project Count** 7

**Umbrella Project Summary** The Dos Águilas project includes four new refined liquids terminals with a total combined capacity of 1.15 million barrels and approximately 287 miles of 12-inch pipeline with 72,000 barrels per day of initial capacity and the capability to expand to up to 90,000 barrels per day. In the United States, the project consists of a new terminal located in Robstown, Texas, near Corpus Christi and a 141 mile pipeline between Robstown and a new terminal in Laredo, Texas. The project also includes 10 miles of pipeline from Laredo to the Rio Grande River and border crossing facilities. In Mexico, the project will consist of 12 miles of pipeline from the Rio Grande River to a new terminal in Nuevo Laredo and 124 miles of pipeline from Nuevo Laredo to a new terminal in Santa Catarina, near Monterrey. The Dos Águilas project is expected to cost approximately \$500 million dollars.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 15,000,000	
<b>SIC Code</b> 4613 Refined Petroleum Pipe Lines	<b>Sector</b> Refined Products Pipelines
<b>SIC Product</b> 4613*0002 Refined Petroleum Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 08-Aug-2022
	<b>Initial Release</b> 30-Jun-2016
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Unconfirmed
<b>Project Capacity</b>	<b>Planned</b> 70,000 BBL/d of Refined Products



Pipeline Installation Details			
Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter
Greenfield	10 Miles (mi)		12 Inches (in)

<b>Plant Owner</b> Howard Midstream Energy Partners LLC	<b>Plant Parent</b> Howard Midstream Energy Partners LLC
<b>Plant Name</b> Laredo Refined Products Metering Station	<b>Unit Name</b>
<b>Plant ID</b> 3200382	
<b>Location</b> Highway 59 East of Larado 22 miles	<b>Phone</b> +1 210 298 2221
<b>City/State</b> Laredo, Texas 78040 U.S.A.	<b>Zone/County</b> TX*04, Webb

Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	Howard Midstream Energy Partners LLC 16211 La Cantera Pkwy #202 San Antonio, Texas 78256 U.S.A.	Tyler Mason VP Business Development [Tel.] +1 210 298 2222 [E-Mail] tmason@howarddep.com ; [LinkedIn] tyler-mason-b87b6148
<b>Eng</b>	Howard Midstream Energy Partners LLC 17806 IH -1- West Suite 210 San Antonio, Texas 78257 U.S.A.	Joshua Smith Director of Operations [Tel.] +1 210 298 2222 [E-Mail] jsmith@howardenergypartners.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1 **PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Howard Energy Partners applies for Presidential Permit on a Grassroot Refined Products Pipeline. DETAILS: As part of the Dos Aguilas pipeline project, Borrego portion, construct 10 miles of 12" pipeline to transport 70,000 - 90,000 BBL/d of refined products from Laredo, Texas to an interconnect at the Rio Grande with the planned Poliducto Pipeline portion of the Dos Aguilas Pipeline. REQUIRES: Trenching, 12"-Diameter Transmission Pipe, Cathodic Protection, Custody Transfers, Coatings, Pig Launching and Receiving, Metering, Electrical Utilities, Block/Control Valves, MCC plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Howard Energy Partners files for Presidential Permits and expects approval 3Q18 (Jul). Howard Energy releases Equipment RFQ's and Construction Contractor Bid Documents 3Q18 (Sep). Howard with selected G/C release remaining Equipment RFQ's and Subcontractor Bid Documents 3Q18 (Sep). Expected Construction Kick-Off 4Q18 (Oct). Expected Project Completion 2Q22 (May).

<b>Project Milestones</b>	<b>AFE</b> 201809	<b>Sub Bid Doc</b> 201809	<b>Completion</b> 01-Aug-2022	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201806	<b>Equip RFQ</b> 201809	<b>Kick-Off</b> 201810	<b>Kickoff Slippage</b> 14 Months
				<b>Duration</b> 47 Months

**Bidding Companies - Listing may be partial and subject to change**

Company Name	Project Responsibility
Pumpco Incorporated	G/C
<b>Engineering</b> Civil	Electrical
<b>Contracting</b> Civil	Electrical
	Environmental
	Instrumentation Mechanical
<b>Project Key Needs</b> Civil/Site	Control Room
	Instrumentation Electrical
	Mechanical
	NDE
	Piping/Fittings Insulation/Coatings
	Environmental Utilities
	Valves
	General [G/C]

# Exhibit GPLDC-1b

Transportation

**Matter Phase**  
**Energy**  
 Buy Electricity  
 Sell

Liquid

## Historical Reports

Project Name	Report Date	TIV	Phase
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	30-Jun-2016	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	26-Apr-2017	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	02-Aug-2017	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	08-Dec-2017	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	11-Apr-2018	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	15-May-2018	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	24-May-2018	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	07-Sep-2018	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	29-Mar-2019	15,000,000 USD	Permitting (P2 - 18)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	15-May-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	28-Aug-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	26-Nov-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	31-Jan-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	28-Feb-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	28-May-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	15-Jul-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	30-Sep-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	01-Oct-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	30-Oct-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	24-Dec-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	25-Feb-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	30-Mar-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	14-Apr-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	30-Jun-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	27-Jul-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	28-Jul-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	29-Jul-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	31-Aug-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	21-Sep-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	31-Jan-2022	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	31-Mar-2022	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	29-Apr-2022	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	31-May-2022	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	12-Jul-2022	15,000,000 USD	Construction - Merit Shop (C1 - 36)
LAREDO GRASSROOT DOS AGUILAS BORREGO REFINED PRODUCTS PIPELINE	08-Aug-2022	15,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300518916**



**Project Name** PECOS DOUBLE E NATURAL GAS PIPELINE (TRUNK-LINE 300) ADDITION  
**Umbrella Project Name** DOUBLE E

[PEC Activity Diagram](#)  
**Umbrella Project Count** 5

**Umbrella Project Summary** The Double E Pipeline will consist of approximately 132.9 miles of varying diameter pipeline. It will originate in the northern Delaware Basin in Eddy County, New Mexico and terminate at the Waha, servicing portions of Eddy and Lea Counties in New Mexico and Loving, Ward, Reeves and Pecos Counties in Texas.

**Industry Code** 03 Oil & Gas Pipelines **Project Type** Pipeline Addition  
**TIV (USD)** 15,000,000  
**SIC Code** 4922 Natural Gas Transmission **Sector** Natural Gas Pipelines  
**SIC Product** 4922\*0004 Natural Gas Pipelines  
**Status** Complete / Done **Last Update** 05-May-2022 **Initial Release** 25-Apr-2019  
**Environmental** Air (A) Land (L) **Construction Labor Preference** Unconfirmed  
**Operations Labor Preference** Unconfirmed



**Project Capacity** **Planned** 1,400 MMSCFD of Natural Gas, Gaseous (Methane)

**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	1.40	Miles (mi)	42	Inches (in)

**Plant Owner** Summit Midstream **Plant Parent** Summit Midstream Partners LP  
**Plant Name** Pecos Metering Station **Unit Name**  
**Plant ID** 3301875  
**Location** County Road 432 **Phone** +1 214 242 1954  
**City/State** Pecos, Texas 79772 U.S.A. **Zone/County** TX\*06, Reeves

**Project Responsibility Project Company**

**Project Manager** Summit Midstream  
 2300 Windy Ridge Pkwy #240S  
 Atlanta, Georgia 30339  
 U.S.A.

**Project Contact**

Cameron Bingham  
 Project Management Director  
 [Tel.] +1 214 242 1954  
 [E-Mail] cbingham@summitmidstream.com

**Consultant** GAI Consultants Incorporated  
 385 East Waterfront Drive  
 Homestead, Pennsylvania 15120  
 U.S.A.

Angela Lundy  
 Environmental Project Manager  
 [Tel.] +1 412 476 2000  
 [E-Mail] a.lundy@gaiconsultants.com

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Summit Midstream Partners awards GAI Consultants (Environmental Consultants) and Pumpco (G/C) and proceed with Construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the 133-Mile Double E Pipeline Project in NM & TX, install 1.4 Miles of 42" diameter transmission pipeline (Trunk-Line 300) to transport up to 1.4 Bcf/d of natural gas from the Waha Pigging Facility at the Waha Hub to Pecos, TX. REQUIRES: Trenching, Excavation, 42" Diameter Transmission Pipe, SCADA, Cathodic Protection, Custody Transfers, Coatings, MCC Mods, Pig Launching & Receiving, Block/Control Valves, Metering, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.

**Schedule** Summit Midstream in conjunction with GAI and Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Subcontractor Bid Packages 3Q21 (Jul) through 4Q21 (Sep). Construction Commenced 3Q21 (Jul). Scheduled Project Completion 4Q21 (Nov).

Project Milestones	AFE 202010	Sub Bid Doc 202109	Completion 17-Nov-2021	Precision QUARTER
Long-Lead 201912	Equip RFQ 202107	Kick-Off 202107	Kickoff Slippage 15 Months	Duration 5 Months
<b>Engineering</b>	Electrical	Environmental	Instrumentation	Mechanical
<b>Contracting</b>	Electrical	Mechanical		NDE
<b>Project Key Needs</b> Civil/Site		Control Room		Pumps
Instrumentation	Electrical			Transportation
Piping/Fittings	Insulation/Coatings	Environmental	Utilities	
Communications			Valves	

**Matter Phase** Gas

**Energy**

**Buy** Electricity

**Sell**

**Project Fuel Type** Natural Gas

**Historical Reports**

Project Name	Report Date	TIV	Phase
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	25-Apr-2019	15,000,000 USD	Permitting (P2 - 18)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	21-Oct-2019	15,000,000 USD	Permitting (P2 - 18)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	19-Feb-2020	15,000,000 USD	Permitting (P2 - 18)

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PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	13-Mar-2020	15,000,000 USD	Permitting (P2 - 18)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	20-Apr-2020	15,000,000 USD	Permitting (P2 - 18)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	25-Jun-2020	15,000,000 USD	Permitting (P2 - 18)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	24-Aug-2020	15,000,000 USD	Permitting (P2 - 18)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	22-Oct-2020	15,000,000 USD	Preliminary Engineering (E2 - 22)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	05-May-2021	15,000,000 USD	Preliminary Engineering (E2 - 22)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	15-Jul-2021	15,000,000 USD	Construction - Merit Shop (C1 - 36)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	11-Nov-2021	15,000,000 USD	Final Commissioning (C1 - 40)
PECOS DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 300)	14-Dec-2021	15,000,000 USD	Completion/Start-Up (C1 - 41)
PECOS DOUBLE E NATURAL GAS PIPELINE (TRUNK-LINE 300) ADDITION	05-May-2022	15,000,000 USD	Completion/Start-Up (C1 - 41)

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\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300518534**



**Project Name** LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL  
**Umbrella Project Name** DOUBLE E

[PEC Activity Diagram](#)  
**Umbrella Project Count** 5

**Umbrella Project Summary** The Double E Pipeline will consist of approximately 132.9 miles of varying diameter pipeline. It will originate in the northern Delaware Basin in Eddy County, New Mexico and terminate at the Waha, servicing portions of Eddy and Lea Counties in New Mexico and Loving, Ward, Reeves and Pecos Counties in Texas.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 45,000,000	
<b>SIC Code</b> 4922 Natural Gas Transmission	<b>Sector</b> Natural Gas Pipelines
<b>SIC Product</b> 4922*0004 Natural Gas Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 14-Dec-2021
	<b>Initial Release</b> 25-Apr-2019
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unio
<b>Project Capacity</b>	<b>Planned</b> 1,400 MMSCFD of Natural Gas, Gaseous (Methane)



### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	17.30	Miles (mi)	30	Inches (in)

<b>Plant Owner</b> Summit Midstream	<b>Plant Parent</b> Summit Midstream Partners LP
<b>Plant Name</b> Loving Meter Station	<b>Unit Name</b>
<b>Plant ID</b> 3303323	
<b>Location</b> Mile Post 50	<b>Phone</b> +1 214 242 1954
<b>City/State</b> Loving, New Mexico 76460 U.S.A.	<b>Zone/County</b> NM*02, Eddy

Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	Summit Midstream 2300 Windy Ridge Pkwy #240S Atlanta, Georgia 30339 U.S.A.	Cameron Bingham Project Management Director [Tel.] +1 214 242 1954 [E-Mail] cbingham@summitmidstream.com
<b>Consultant</b>	GAI Consultants 2100 West Loop South, Suite 1400 Houston, Texas 77027 U.S.A.	Brandon Kish Environmental Project Manager [Tel.] +1 346 231 7171 [E-Mail] b.kish@gaiconsultants.com (!)
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

<b>PEC® Timing</b> C1	<b>PEC® Activity</b> Completion/Start-Up
<b>Project Probability</b> Completed (100%)	
<b>Scope</b>	Summit Midstream Partners awards GAI Consultants (Environmental Consultants) and Pumpco (G/C) and proceeds with construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the 133-Mile Double E Pipeline Project in NM & TX, install 17.3 Miles of 30" diameter transmission pipeline to transport up to 1.4 Bcf/d of natural gas from Summit's existing Loving Processing Plant to the proposed trunk-line in Eddy County, NM. REQUIRES: Trenching, Excavation, 30" Diameter Transmission Pipe, SCADA, Cathodic Protection, Custody Transfers, Coatings, MCC Mods, Pig Launching & Receiving, Block/Control Valves, Metering, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.
<b>Schedule</b>	Summit Midstream in conjunction with GAI and Pumpco continues with construction activities and releases remaining equipment RFQ's and Subcontractor Bid Packages 3Q21 (Jul) through 4Q21 (Oct). Construction Commenced 3Q21 (Jul). Scheduled Project Completion 4Q21 (Nov).

<b>Project Milestones</b>	<b>AFE 202010</b>	<b>Sub Bid Doc 202110</b>	<b>Completion 17-Nov-2021</b>	<b>Precision QUARTER</b>
<b>Long-Lead 201912</b>	<b>Equip RFQ 202107</b>	<b>Kick-Off 202107</b>	<b>Kickoff Slippage 15 Months</b>	<b>Duration 5 Months</b>
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Control Room		
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves
	Communications			Pumps
				Transportation
<b>Matter Phase</b> Gas				
<b>Energy</b>				
<b>Buy</b> Electricity				
<b>Sell</b>				
<b>Project Fuel Type</b> Natural Gas				

### Historical Reports

Project Name	Report Date	TIV	Phase
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	25-Apr-2019	45,000,000 USD	Permitting (P2 - 18)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	13-Oct-2019	45,000,000 USD	Permitting (P2 - 18)

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LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	19-Feb-2020	45,000,000 USD	Permitting (P2 - 18)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	15-Mar-2020	45,000,000 USD	Permitting (P2 - 18)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	20-Apr-2020	45,000,000 USD	Permitting (P2 - 18)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	25-Jun-2020	45,000,000 USD	Permitting (P2 - 18)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	21-Aug-2020	45,000,000 USD	Permitting (P2 - 18)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	22-Oct-2020	45,000,000 USD	Preliminary Engineering (E2 - 22)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	05-May-2021	45,000,000 USD	Preliminary Engineering (E2 - 22)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	15-Jul-2021	45,000,000 USD	Construction - Merit Shop (C1 - 36)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	11-Nov-2021	45,000,000 USD	Final Commissioning (C1 - 40)
LOVING DOUBLE E GRASSROOT NATURAL GAS PIPELINE LATERAL	14-Dec-2021	45,000,000 USD	Completion/Start-Up (C1 - 41)

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\*Any data highlighted in red below is data that has been added or updated in the last release of the project

## Capital PEC Report Project ID: 300418896



**Project Name** CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE  
**Umbrella Project Name** DOUBLE E

[PEC Activity Diagram](#)  
**Umbrella Project Count** 5

**Umbrella Project Summary** The Double E Pipeline will consist of approximately 132.9 miles of varying diameter pipeline. It will originate in the northern Delaware Basin in Eddy County, New Mexico and terminate at the Waha, servicing portions of Eddy and Lea Counties in New Mexico and Loving, Ward, Reeves and Pecos Counties in Texas.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 125,000,000	
<b>SIC Code</b> 4922 Natural Gas Transmission	<b>Sector</b> Natural Gas Pipelines
<b>SIC Product</b> 4922*0004 Natural Gas Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 14-Dec-2021
<b>Environmental</b> Air (A) Land (L)	<b>Initial Release</b> 15-Feb-2018
	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unioir
<b>Project Capacity</b>	<b>Planned</b> 1,400 MMSCFD of Natural Gas, Gaseous (Methane)



### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	33	Miles (mi)	30	Inches (in)

<b>Plant Owner</b> Summit Midstream Partners LP	<b>Plant Parent</b> Summit Midstream Partners LP
<b>Plant Name</b> Summit Lane Meter Station	<b>Unit Name</b>
<b>Plant ID</b> 3384752	
<b>Location</b> 25 miles Northeast of Carlsbad	<b>Phone</b> +1 832 413 4770
<b>City/State</b> Carlsbad, New Mexico 88220 U.S.A.	<b>Zone/County</b> NM*02, Eddy

Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	Summit Midstream 2300 Windy Ridge Pkwy #240S Atlanta, Georgia 30339 U.S.A.	Cameron Bingham Project Director [Tel.] +1 214 242 1954 [E-Mail] cbingham@summitmidstream.com
<b>Consultant</b>	GAI Consultants Incorporated 385 East Waterfront Drive Homestead, Pennsylvania 15120 U.S.A.	Angela Lundy Environmental Project Manager [Tel.] +1 412 476 2000 [E-Mail] a.lundy@gaiconsultants.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

<b>PEC@ Timing</b> C1	<b>PEC@ Activity</b> Completion/Start-Up
<b>Project Probability</b> Completed (100%)	
<b>Scope</b>	Summit Midstream awards GAI Consultants (Environmental Consultants) and Pumpco (G/C) and proceeds with Construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the 135-Mile Double E Pipeline Project in NM & TX, install 33.4 miles of 30" diameter transmission pipeline to transport up to 1.4 Bcf/d of natural gas from the Summit's Lane Processing Plant (Plant ID: 3262789) currently under construction in Carlsbad, NM to Summit's proposed Poker Lake Compressor Station (Plt ID: 3303285) in Eddy County, NM. REQUIRES: Trenching, Excavation, 30" Diameter Transmission Pipe, SCADA, Cathodic Protection, Custody Transfers, Coatings, MCC Mods, Pig Launching & Receiving, Block/Control Valves, Metering, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.
<b>Schedule</b>	Summit Midstream in conjunction with GAI and Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Subcontractor Bid Packages 3Q21 (Jul) through 4Q21 (Oct). Construction Commenced 3Q21 (Jul). Scheduled Project Completion 4Q21 (Nov).

<b>Project Milestones</b>	<b>AFE</b> 202010	<b>Sub Bid Doc</b> 202110	<b>Completion</b> 17-Nov-2021	<b>Precision</b> QUARTER
<b>Long-Lead</b> 201912	<b>Equip RFQ</b> 202107	<b>Kick-Off</b> 202107	<b>Kickoff Slippage</b> 15 Months	<b>Duration</b> 5 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation	Mechanical
<b>Project Key Needs</b>	Civil/Site	Control Room		
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities
	Communications		Valves	Pumps
				Transportation
<b>Matter Phase</b>	Gas			
<b>Energy</b>				
<b>Buy</b>	Electricity			
<b>Sell</b>				
<b>Project Fuel Type</b>	Natural Gas			

### Historical Reports

Project Name	Report Date	TIV	Phase
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	15-Feb-2018	50,000,000 USD	Project Scope (P1 - 03)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	25-Jan-2019	50,000,000 USD	Project Scope (P1 - 03)



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CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	20-Feb-2019	50,000,000 USD	Project Scope (P1 - 03)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	25-Apr-2019	125,000,000 USD	Permitting (P2 - 18)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	01-Oct-2019	125,000,000 USD	Permitting (P2 - 18)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	19-Feb-2020	125,000,000 USD	Permitting (P2 - 18)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	13-Mar-2020	125,000,000 USD	Permitting (P2 - 18)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	20-Apr-2020	125,000,000 USD	Permitting (P2 - 18)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	25-Jun-2020	125,000,000 USD	Permitting (P2 - 18)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	24-Aug-2020	125,000,000 USD	Permitting (P2 - 18)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	21-Oct-2020	125,000,000 USD	Preliminary Engineering (E2 - 22)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	05-May-2021	125,000,000 USD	Preliminary Engineering (E2 - 22)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	15-Jul-2021	125,000,000 USD	Construction - Merit Shop (C1 - 36)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	11-Nov-2021	125,000,000 USD	Final Commissioning (C1 - 40)
CARLSBAD DOUBLE E GRASSROOT NATURAL GAS PIPELINE	14-Dec-2021	125,000,000 USD	Completion/Start-Up (C1 - 41)

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# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

<b>Capital PEC Report</b>	<b>Project ID: 300418914</b>
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**Project Name** FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK)  
**Umbrella Project Name** DOUBLE E

[PEC Activity Diagram](#)  
**Umbrella Project Count** 5

**Umbrella Project Summary** The Double E Pipeline will consist of approximately 132.9 miles of varying diameter pipeline. It will originate in the northern Delaware Basin in Eddy County, New Mexico and terminate at the Waha, servicing portions of Eddy and Lea Counties in New Mexico and Loving, Ward, Reeves and Pecos Counties in Texas.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 310,000,000	
<b>SIC Code</b> 4922 Natural Gas Transmission	<b>Sector</b> Natural Gas Pipelines
<b>SIC Product</b> 4922*0004 Natural Gas Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 14-Dec-2021
	<b>Initial Release</b> 15-Feb-2018
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unio
<b>Project Capacity</b>	<b>Planned</b> 1,400 MMSCFD of Natural Gas, Gaseous (Methane)



### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	82	Miles (mi)	42	Inches (in)

<b>Plant Owner</b> Summit Midstream	<b>Plant Parent</b> Summit Midstream Partners LP
<b>Plant Name</b> Poker Lake Natural Gas Compressor Station	<b>Unit Name</b>
<b>Plant ID</b> 3303285	
<b>Location</b> NW of Carlsbad	<b>Phone</b> +1 214 242 1954
<b>City/State</b> Carlsbad, New Mexico 88220 U.S.A.	<b>Zone/County</b> NM*02, Eddy

### Project Responsibility Project Company

### Project Contact

<b>Project Manager</b> Summit Midstream 2300 Windy Ridge Pkwy #240S Atlanta, Georgia 30339 U.S.A.	Cameron Bingham Project Director [Tel.] +1 214 242 1954 [E-Mail] cbingham@summitmidstream.com
<b>Consultant</b> GAI Consultants Incorporated 385 East Waterfront Drive Homestead, Pennsylvania 15120 U.S.A.	Angela Lundy Environmental Project Manager [Tel.] +1 412 476 2000 [E-Mail] a.lundy@gaiconsultants.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

### PEC® Timing C1

### PEC® Activity Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Summit Midstream Partners awards GAI Consultants (Environmental Consultants) and Pumpco (G/C) and proceeds with Construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the 133-Mile Double E Pipeline Project in NM & TX, install 82 miles of 42" diameter transmission pipeline (Trunk-line 200) to transport up to 1.4 Bcf/d of natural gas from Summit's proposed Poker Lake Compressor Station (Plt ID: 3303285) in Eddy County, NM to to the NM/TX border near Loving. REQUIRES: Trenching, Excavation, 42" Diameter Transmission Pipe, SCADA, Cathodic Protection, Custody Transfers, Coatings, MCC Mods, Pig Launching & Receiving, Block/Control Valves, Metering, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.

**Schedule** Summit Midstream in Conjunction with GAI and Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Subcontractor Bid Packages 3Q21 (Jul) through 4Q21 (Oct). Construction Commenced 3Q21 (Jul). Scheduled Project Completion 4Q21 (Nov).

<b>Project Milestones</b>	<b>AFE</b> 202010	<b>Sub Bid Doc</b> 202110	<b>Completion</b> 17-Nov-2021	<b>Precision</b> QUARTER
	<b>Long-Lead</b> 201912	<b>Equip RFQ</b> 202107	<b>Kickoff Slippage</b> 15 Months	<b>Duration</b> 5 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation	Mechanical
<b>Project Key Needs</b> Civil/Site		Control Room		
	Instrumentation	Electrical		Mechanical
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities
	Communications			Valves
<b>Matter Phase</b> Gas				NDE
<b>Energy</b>				Pumps
<b>Buy</b> Electricity				Transportation
<b>Sell</b>				
<b>Project Fuel Type</b> Natural Gas				

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(I) No	

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<b>Maintenance Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(!) No	
<b>Purchasing Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(!) No	
<b>Engineering Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(!) No	
<b>Environmental Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(!) No	
<b>Safety Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(!) No	
<b>Utilities Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(!) No	
<b>Human Resource Manager</b>	Forbes Herring	[Phn.] +1 214 242 1954	Nov-2022
<b>Business Development</b>	fherring@summitmidstream.com	(!) No	

### Historical Reports

Project Name	Report Date	TIV	Phase
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE	15-Feb-2018	120,000,000 USD	Project Scope (P1 - 03)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE	25-Jan-2019	120,000,000 USD	Project Scope (P1 - 03)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	25-Apr-2019	175,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	13-Oct-2019	175,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	20-Nov-2019	310,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	19-Feb-2020	310,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	13-Mar-2020	310,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	20-Apr-2020	310,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	25-Jun-2020	310,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	24-Aug-2020	310,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	22-Oct-2020	310,000,000 USD	Preliminary Engineering (E2 - 22)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	12-Feb-2021	310,000,000 USD	Preliminary Engineering (E2 - 22)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	05-May-2021	310,000,000 USD	Preliminary Engineering (E2 - 22)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	15-Jul-2021	310,000,000 USD	Construction - Merit Shop (C1 - 36)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	11-Nov-2021	310,000,000 USD	Final Commissioning (C1 - 40)
FORT STOCKTON DOUBLE E GRASSROOT NATURAL GAS PIPELINE (TRUNK-LINE 200)	14-Dec-2021	310,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300461847



**Project Name** WHISTLER GRASSROOT NATURAL GAS PIPELINE  
**Umbrella Project Name** WHISTLER PIPELINE PROJECT

[PEC Activity Diagram](#)  
**Umbrella Project Count** 12

**Umbrella Project Summary** The proposed Whistler project is being designed to transport 2 bcf/d of gas through 450 miles of 42-in. pipeline from Waha, TX to NextEra's Agua Dulce market hub, with an additional 170 miles of 30-in. pipe continuing from Agua Dulce and terminating in Wharton County. The project could be in service as early as the fourth quarter of 2020.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 725,000,000	
<b>SIC Code</b> 4922 Natural Gas Transmission	<b>Sector</b> Natural Gas Pipelines
<b>SIC Product</b> 4922*0004 Natural Gas Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 02-Aug-2021
<b>Environmental</b> Air (A) Land (L)	<b>Initial Release</b> 15-Aug-2018
	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Non-Union
<b>Project Capacity</b> Planned 2,000 MMSCFD of Natural Gas, Gaseous (Methane)	



### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	450	Miles (mi)	42	Inches (in)

<b>Plant Owner</b> Targa Midstream Services LLC	<b>Plant Parent</b> Targa Resources Corporation
<b>Plant Name</b> Reeves Waha Natural Gas Compressor Station	<b>Unit Name</b>
<b>Plant ID</b> 3320652	
<b>Location</b> 2693 County Road 102, 1/2 Mile East to Station Road North	<b>Phone</b> +1 432 332 2191
<b>City/State</b> Pecos, Texas 79772 U.S.A.	<b>Zone/County</b> TX*06, Reeves

### Project Responsibility Project Company

**Project Director** WhiteWater Midstream  
 100 Congress Street  
 Austin, Texas 78701  
 U.S.A.

### Project Contact

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 Operations Director  
 [Tel.] +1 512 953 2105  
 [LinkedIn] caleb-ryan-p-e-39570229

**Project Director** WhiteWater Midstream  
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 Austin, Texas 78701  
 U.S.A.

Glenn Kellison  
 Engineering Director  
 [Tel.] +1 512 953 2100  
 [LinkedIn] glenn-kellison-36aba4135

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

**G/C** Strike Construction LLC  
 1800 Hughes Landing Boulevard, Suite 500  
 The Woodlands, Texas 77380  
 U.S.A.

Mitchell Stockert  
 Senior Project Estimator  
 [Tel.] +1 888 353 1444  
 [E-Mail] mitchell.stockert@strikeusa.com

**G/C** Troy Construction LLC  
 260 Mount Olive Church Road  
 Commerce, Georgia 30529  
 U.S.A.

Matthew Brannon  
 Project Estimator  
 [Tel.] +1 706 336 0063  
 [E-Mail] mbrannon@troyconstruction.com

**PEC® Timing** C1  
**Project Probability** Completed (100%)

**PEC® Activity** Completion/Start-Up

**Scope** Whistler Pipeline LLC (consortium of Whitewater Midstream, MPLX LP, Stonepeak Infrastructure and West Texas Gas Incorporated) awards Troy Construction (G/C) (Spread 1), Strike LLC (G/C) (Spread 2) and Pumpco (G/C) (Spreads 3 & 4) and proceeds with Construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the 450-Mile Whistler Pipeline Project from the Permian Basin, install 450 Miles of 42" diameter transmission pipeline to include the Rebel Lateral (4.10 miles of 12"), Navitas Lateral (5.18 miles of 16"), Targa Driver Lateral (.23 miles of 12"), Pembroke Lateral (3.50 miles of 12"), WTG Sonora Lateral (.51 miles of 12") and JEB Lateral (1.10 miles of 12") to transport up to 2 Bcf/d of natural gas from an interconnect with the Waha Header near Cayanosa, TX to NextEra's Agua Dulce Market Hub in Agua Dulce, TX. REQUIRES: Trenching, Excavating, 42" Diameter Transmission Pipe, Cathodic Protection, Custody Transfers, Coatings, MCC Mods, Pig Launching & Receiving, Block/Control Valves, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.

**Schedule** Whistler Pipeline in Conjunction with Troy, Strike and Pumpco continues Construction Activities. Whistler Pipeline continues to release remaining Equipment RFQ's and Bid Documents plus review and select Subcontractors through 3Q21 (Sep). Construction Commenced Kick-Off 2Q20 (Jun). Scheduled Project Completion 4Q21 (Dec).

**Details** Apr-2020 No current impact.

<b>Project Milestones</b>	<b>AFE</b> 202003	<b>Sub Bid Doc</b> 202009	<b>Completion</b> 31-Jul-2021	<b>Precision</b> QUARTER
<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 202106	<b>Kick-Off</b> 202006	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 14 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical		Instrumentation	Mechanical
<b>Project Key Needs</b>	Civil/Site	Control Room		
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities
			Valves	Pumps

Communications	Transportation
<b>Matter Phase</b> Gas	
<b>Energy</b>	
<b>Buy</b> Electricity	
<b>Sell</b>	
<b>Project Fuel Type</b> Natural Gas	

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Paul Ivey	[Phn.] +1 432 943 4492 x229 / [Alt.] +1 432 557 0306	Apr-2023
	pivey@targaresources.com	No	paul-ivey-a34589101
<b>Maintenance Manager</b>	Jordan Hood	[Phn.] +1 713 584 1000	Apr-2023
	jhood@targaresources.com	No	jordan-hood-777477104
<b>Purchasing Manager</b>	Paul Ivey	[Phn.] +1 432 943 4492 x229 / [Alt.] +1 432 557 0306	Apr-2023
	pivey@targaresources.com	No	paul-ivey-a34589101
<b>Engineering Manager</b>	Paul Ivey	[Phn.] +1 432 943 4492 x229 / [Alt.] +1 432 557 0306	Apr-2023
	pivey@targaresources.com	No	paul-ivey-a34589101
<b>Environmental Manager</b>	Cal Wrangham	[Phn.] +1 432 688 0542	Apr-2023
	<b>ES&amp;H Manager</b>	No	Duplicate ID
<b>Safety Manager</b>	Cal Wrangham	[Phn.] +1 432 688 0542	Apr-2023
	<b>ES&amp;H Manager</b>	No	Duplicate ID
<b>Utilities Manager</b>	Paul Ivey	[Phn.] +1 432 943 4492 x229 / [Alt.] +1 432 557 0306	Apr-2023
	pivey@targaresources.com	No	paul-ivey-a34589101
<b>Human Resource Manager</b>	Moira O'Toole	[Phn.] +1 713 584 1000	Apr-2023
		No	moira-o-toole-b0181b51

Historical Reports			
Project Name	Report Date	TIV	Phase
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	15-Aug-2018	725,000,000 USD	Economic Evaluation (P1 - 04)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	14-May-2019	725,000,000 USD	Preliminary Engineering (E2 - 22)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	14-Jun-2019	725,000,000 USD	Preliminary Engineering (E2 - 22)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	31-Oct-2019	725,000,000 USD	Preliminary Engineering (E2 - 22)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	27-Nov-2019	725,000,000 USD	Permitting (P2 - 18)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	16-Dec-2019	725,000,000 USD	Permitting (P2 - 18)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	25-Mar-2020	725,000,000 USD	Planning and Scheduling (E2 - 25)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	13-Apr-2020	725,000,000 USD	Planning and Scheduling (E2 - 25)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	15-Jun-2020	725,000,000 USD	Planning and Scheduling (E2 - 25)
REEVES WAHA WHISTLER GRASSROOT NATURAL GAS PIPELINE	06-Aug-2020	725,000,000 USD	Construction - Merit Shop (C1 - 36)
WHISTLER GRASSROOT NATURAL GAS PIPELINE	22-Jan-2021	725,000,000 USD	Construction - Merit Shop (C1 - 36)
WHISTLER GRASSROOT NATURAL GAS PIPELINE	27-Jul-2021	725,000,000 USD	Construction - Merit Shop (C1 - 36)
WHISTLER GRASSROOT NATURAL GAS PIPELINE	02-Aug-2021	725,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

## Capital PEC Report

Project ID: 300514810



**Project Name** ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELI  
**Umbrella Project Name** MIDLAND TO ECHO 3

[PEC Activity Diagram](#)

**Umbrella Project Count** 6

**Umbrella Project Summary** Enterprise will build the Midland to ECHO 3 502 mile pipeline from Midland, TX to Harris County, Tx. M2E3 is currently in the Regulatory and ROW phase. Kick-off is expected early 2020 with an in service date of Mid 2021.

**Industry Code** 03 Oil & Gas Pipelines

**Project Type** Grassroot

**TIV (USD)** 950,000,000

**SIC Code** 4612 Crude Petroleum Pipelines

**Sector** Crude Pipelines

**SIC Product** 4612\*0001 Crude Oil Pipelines

**Status** Complete / Done

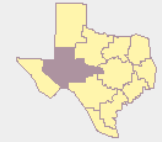
**Last Update** 15-Jan-2021

**Initial Release** 04-Apr-2019

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union



**Project Capacity** **Planned** 450,000 BBL/d of Crude Oil

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	500	Miles (mi)	16	Inches (in)

**Plant Owner** Enterprise Products Partners LP

**Plant Parent** Enterprise Products Partners LP

**Plant Name** Midland Crude Oil Pump Station

**Unit Name**

**Plant ID** 3116074

**Location** 4500 East Highway 80

**Phone** +1 432 221 7700

**City/State** Midland, Texas 79706 U.S.A.

**Zone/County** TX\*06, Midland

### Project Responsibility Project Company

### Project Contact

**Project Executive** Enterprise Products Partners LP  
 1100 Louisiana Street, Suite 1000  
 Houston, Texas 77002  
 U.S.A.

Graham Bacon  
 Executive VP of Operations & Engineering  
 [Tel.] +1 713 381 6500  
 [E-Mail] gbacon@eprod.com

**Project Executive** Enterprise Products Partners LP  
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 Houston, Texas 77210-4324  
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 VP Capital Projects  
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**Project Manager** Enterprise Products Partners LP  
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 Houston, Texas 77210-4324  
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Brad Cooley  
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**Project Manager** Enterprise Products Partners LP  
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**G/C** Pumpco Incorporated  
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 2100 McKinney Avenue Suite 1500  
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 16770 Imperial Valley, Suite 105  
 Houston, Texas 770660  
 U.S.A.

Bruce Ainsworth  
 Operations Manager  
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 [E-Mail] bainsworth@mpg-plc.com

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Enterprise Products Partners LP with Troy Construction (Spread 1 & 2 Pipeline Contractor), Pumpco Incorporated (Spread 3 & 5A Pipeline Contractor), Primoris Rockford Corporation (Spreads 4 & 7 Pipeline Contractor) and MPG Pipeline Contractors (Spreads 5 & 6 Pipeline Contractor) performs Construction for the Midland-to-ECHO 3 Pipeline. DETAILS: Construct 502-Mile, 30" Diameter Crude Oil Pipeline in new Right-of-Way to provide 400,000-450,000 BBL/d of Crude Oil

# Exhibit GPLDC-1b

takeaway capacity from Enterprise Products' Midland Terminal (Project ID 1072554) to Enterprise Products' Sealy Storage Facility (Plant ID 3014032) near Houston. **REQUIRES:** Trenching, Site Preparation, 30" Transmission Pipe, Cathodic Protection, Pig Launching, Coatings, Metering, Control/Block Valves plus Controls. **ENVIRONMENTAL:** (A) Leak Detection; (L) Containment.

**Schedule** Enterprise Products Partners LP with Troy Construction, Pumpco Incorporated, Primoris Rockford Corporation and MPG Pipeline Contractors continues with Construction 1Q20 (Feb). Enterprise with Troy Construction, Pumpco Incorporated, Primoris Rockford Corporation, and MPG Pipeline Contractors releases remaining RFQs and Subcontractor Bid Documents 2Q20 (Apr) through 3Q20 (Aug). Construction Commenced 1Q20 (Feb). Scheduled Project Completion 1Q21 (Jan).

<b>Project Milestones</b>	<b>AFE 202001</b>	<b>Sub Bid Doc 202008</b>	<b>Completion 28-Dec-2020</b>	<b>Precision MONTH</b>
	<b>Long-Lead 201909</b>	<b>Equip RFQ 202004</b>	<b>Kickoff Slippage 4 Months</b>	<b>Duration 11 Months</b>
<b>Engineering</b>				
<b>Contracting</b>	Civil	Electrical	Environmental	Instrumentation Mechanical
				General [G/C]
<b>Project Key Needs</b>	Civil/Site			
	Instrumentation	Electrical	Mechanical	
	Piping/Fittings	Insulation/Coatings	Environmental	
<b>Matter Phase</b>		Liquid		
<b>Energy</b>				
<b>Buy</b>				
<b>Sell</b>				
<b>Project Fuel Type</b>	Crude Oil			

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Ralph Morris ramorris@eprod.com	[Phn.] +1 432 250 1173 No	Feb-2023
<b>Maintenance Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Purchasing Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Engineering Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Environmental Manager</b>	Christopher Spore	[Phn.] +1 432 221 7746	Feb-2023
<b>Lead Field Environmental Scientist</b>	cspore@eprod.com	No	christopher-spore-p-g-61320b22
<b>Safety Manager</b>	Christopher Spore	[Phn.] +1 432 221 7746	Feb-2023
<b>Lead Field Environmental Scientist</b>	cspore@eprod.com	No	christopher-spore-p-g-61320b22
<b>Utilities Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Human Resource Manager</b>	Marilyn Hartman mhartman@eprod.com	[Phn.] +1 713 381 6500 No	Feb-2023 marilyn-hartman-349ab645

### Historical Reports

Project Name	Report Date	TIV	Phase
ENTERPRISE GRASSROOT MIDLAND TO ECHO III CRUDE OIL PIPELINE	04-Apr-2019	1,800,000,000 USD	Permitting (P2 - 18)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III CRUDE OIL PIPELINE	14-Jun-2019	1,800,000,000 USD	Permitting (P2 - 18)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	10-Oct-2019	1,800,000,000 USD	Permitting (P2 - 18)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	14-Oct-2019	950,000,000 USD	Permitting (P2 - 18)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	03-Dec-2019	950,000,000 USD	Permitting (P2 - 18)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	04-Mar-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	09-Apr-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	17-Sep-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	30-Sep-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	15-Oct-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	22-Oct-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	13-Nov-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	01-Dec-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)
ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE	24-Dec-2020	950,000,000 USD	Construction - Merit Shop (C1 - 36)

# Exhibit GPLDC-1b

ENTERPRISE GRASSROOT MIDLAND TO ECHO III (M2E3) CRUDE OIL PIPELINE 15-Jan-2021

950,000,000 USD Completion/Start-Up (C1 - 41)

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# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300529723



**Project Name** SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3  
**Umbrella Project Name** MIDLAND TO ECHO 3

[PEC Activity Diagram](#)  
**Umbrella Project Count** 6

**Umbrella Project Summary** Enterprise will build the Midland to ECHO 3 502 mile pipeline from Midland, TX to Harris County, Tx. M2E3 is currently in the Regulatory and ROW phase. Kick-off is expected early 2020 with an in service date of Mid 2021.

**Industry Code** 03 Oil & Gas Pipelines  
**TIV (USD)** 75,000,000  
**SIC Code** 4612 Crude Petroleum Pipelines  
**SIC Product** 4612\*0003 Crude Oil Pump Stations  
**Status** Complete / Done  
**Environmental** Air (A) Land (L)

**Project Type** Grassroot  
**Sector** Crude Pipelines



**Last Update** 15-Jan-2021 **Initial Release** 14-Jun-2019  
**Construction Labor Preference** Unconfirmed  
**Operations Labor Preference** Non-Union

**Plant Owner** Enterprise Products Partners LP  
**Plant Name** San Angelo Pump Station 3  
**Plant ID** 3371717  
**Location** Near San Angelo  
**City/State** San Angelo, Texas 76901 U.S.A.

**Plant Parent** Enterprise Products Partners LP  
**Unit Name** San Angelo Pump Station 3 03 EM  
**Phone** +1 713 381 6500  
**Zone/County** TX\*06, Tom Green

**Project Responsibility Project Company**

**Project Contact**

**Project Executive** Enterprise Products Partners LP  
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 U.S.A.

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 [E-Mail] bflores@nse.com

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** M2E3 LLC affiliate of Enterprise Product Partners LP with Pumpco Incorporated (Pipeline G/C and Pump Station Contractor) and NorthStar Energy Services (Pump Station G/C) performs Construction on Midland-to-ECHO 3 Grassroot Crude Oil Pump Station 3. DETAILS: As part of the Midland to Echo 3 Pipeline Project from the Permian Basin, construct building and install (1) 3,000 hp electric-drive pump package with auxiliary equipment to support Enterprise grassroot 502-Mile pipeline (Project ID: 300514810) currently being designed to transport up to 400,000 BBL/d (expandable to 450,000 BBL/d) of crude oil from Sterling City, TX to San Angelo, TX. REQUIRES: Steel Frame Building, Electric-Driven Pump Package, SCADA, MCC Mods, Control Valves, Flanges, Station Piping, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Enterprise Products Partners LP with Pumpco Incorporated and NorthStar Energy Services continues with Construction Activities and releases remaining Equipment RFQs and Subcontractor Bid Documents 1Q20 (Mar)-3Q20 (Aug). Expected Construction Kick-Off 1Q20 (Mar). Construction Completion 1Q21 (Jan).

Project Milestones	AFE 202001	Sub Bid Doc 202008	Completion 28-Dec-2020	Precision YEAR
Long-Lead 201909	Equip RFQ 202003	Kick-Off 202003	Kickoff Slippage 0 Months	Duration 10 Months
Engineering Contracting	Electrical	Environmental	Instrumentation Mechanical	Structural
Project Key Needs	Instrumentation	Control Room	Storage	
	Electrical	Mechanical	Valves	Pumps
	Piping/Fittings	Environmental Utilities		Transportation
	Communications			
Matter Phase	Material Handling			
Energy	Liquid			Vapor

Buy Electricity  
Sell

Project Fuel Type Crude Oil

Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Maintenance Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Purchasing Manager</b>	Roger Belveal	[Phn.] +1 806 848 2600 x1	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Engineering Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Environmental Manager</b>	Jon Fields	[Phn.] +1 713 381 6500 / [Alt.] +1 281 501 4078	Jan-2023
		No	jon-fields-12b6413a
<b>Safety Manager</b>	Jeff Hoffstadt	[Phn.] +1 210 528 3252	Jan-2023
		No	jeff-hoffstadt-27496b32
<b>Utilities Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Human Resource Manager</b>	Esmeralda Galvan	[Phn.] +1 713 381 6500	Jan-2023
<b>Director of Human Resources</b>	egalvan@eprod.com	No	esmeralda-galvan-a7b92a4

Historical Reports

Project Name	Report Date	TIV	Phase
ECHO GRASSROOT CRUDE OIL PUMP STATION 3	14-Jun-2019	75,000,000 USD	Permitting (P2 - 18)
ECHO GRASSROOT CRUDE OIL PUMP STATION 3	04-Nov-2019	75,000,000 USD	Permitting (P2 - 18)
ECHO GRASSROOT CRUDE OIL PUMP STATION 3	03-Dec-2019	75,000,000 USD	Permitting (P2 - 18)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	05-Mar-2020	75,000,000 USD	Detailed Engineering (E2 - 31)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	25-Mar-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	17-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	30-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	15-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	22-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	13-Nov-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	01-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	24-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
SAN ANGELO GRASSROOT CRUDE OIL PUMP STATION 3	15-Jan-2021	75,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300529736



**Project Name** AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05  
**Umbrella Project Name** MIDLAND TO ECHO 3

[PEC Activity Diagram](#)

**Umbrella Project Count** 6

**Umbrella Project Summary** Enterprise will build the Midland to ECHO 3 502 mile pipeline from Midland, TX to Harris County, Tx. M2E3 is currently in the Regulatory and ROW phase. Kick-off is expected early 2020 with an in service date of Mid 2021.

**Industry Code** 03 Oil & Gas Pipelines

**Project Type** Grassroot

**TIV (USD)** 75,000,000

**SIC Code** 4612 Crude Petroleum Pipelines

**Sector** Crude Pipelines

**SIC Product** 4612\*0003 Crude Oil Pump Stations

**Status** Complete / Done

**Last Update** 15-Jan-2021

**Initial Release** 14-Jun-2019

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union



**Project Capacity** **Planned** 400,000 BBL/d of Crude Oil

**Plant Owner** Enterprise Products Partners LP

**Plant Parent** Enterprise Products Partners LP

**Plant Name** Austin Pump Station 5

**Unit Name** Austin Pump Station 5 05 EM

**Plant ID** 3371722

**Location** Near Austin

**Phone** +1 713 381 6500

**City/State** Austin, Texas 78736 U.S.A.

**Zone/County** TX\*03, Travis

**Project Responsibility Project Company**

**Project Contact**

**Project Executive** Enterprise Products Partners LP  
 1100 Louisiana Street, Suite 1000  
 Houston, Texas 77002  
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**Project Executive** Enterprise Products Partners LP  
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 Channelview, Texas 77530  
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Benny Flores  
 Project Manager  
 [Tel.] +1 281 452 2355  
 [E-Mail] bflores@nse.com

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** M2E3 LLC affiliate of Enterprise Product Partners LP with Pumpco Incorporated (Pipeline G/C and Pump Station Contractor) and NorthStar Energy Services (Pump Station G/C) performs Detailed Engineering on Midland-to-ECHO 3 Grassroot Crude Oil Pump Station 5. DETAILS: As part of the Midland to Echo 3 Pipeline Project from the Permian Basin, construct building and install (1) 3,000 hp electric-drive pump package with auxiliary equipment to support Enterprise grassroot 502 Mile pipeline (Project ID: 300514810) currently being designed to transport up to 400,000 BBL/d (expandable to 450,000 BBL/d) of crude oil from Sterling City, TX to San Angelo, TX. REQUIRES: Steel Frame Building, Electric-Driven Pump Package, SCADA, MCC Mods, Control Valves, Flanges, Station Piping, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Enterprise Products Partners LP with Pumpco Incorporated and NorthStar Energy Services continues with Detailed Engineering through 1Q20 (Mar). Enterprise Products Partners LP with Pumpco Incorporated and NorthStar Energy Services releases remaining Equipment RFQs and Subcontractor Bid Documents 1Q20 (Mar)-3Q20 (Aug). Expected Construction Kick-Off 2Q20 (Apr). Construction Completion 1Q21 (Jan).

**Details** Apr-2020 No current impact.

Project Milestones	AFE 202001			Sub Bid Doc 202008		Completion 28-Dec-2020		Precision YEAR	
	Long-Lead 201909	Equip RFQ 202003	Environmental	Kick-Off 202004	Kickoff Slippage 1 Months	Instrumentation Mechanical	Structural	Duration 9 Months	General
Engineering Civil	Electrical	Environmental			Instrumentation Mechanical	Structural			
Contracting Civil	Electrical	Environmental			Instrumentation Mechanical	Structural			[G/C]
<b>Project Key Needs</b>	Civil/Site	Structural		Control Room					
	Instrumentation	Electrical	Mechanical		Storage	NDE			
	Piping/Fittings	Insulation/Coatings	Environmental Utilities		Valves	Pumps			
	Communications					Transportation			

Matter Phase		Material Handling	Vapor
Energy		Liquid	
Buy			
Sell			
Project Fuel Type Crude Oil			
Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
Plant Manager	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
Pipeline Supervisor	rbelveal@eprod.com	No	roger-belveal-90baaba7
Maintenance Manager	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
Pipeline Supervisor	rbelveal@eprod.com	No	roger-belveal-90baaba7
Purchasing Manager	Roger Belveal	[Phn.] +1 806 848 2600 x1	Jan-2023
Pipeline Supervisor	rbelveal@eprod.com	No	roger-belveal-90baaba7
Engineering Manager	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
Pipeline Supervisor	rbelveal@eprod.com	No	roger-belveal-90baaba7
Environmental Manager	Jon Fields	[Phn.] +1 713 381 6500 / [Alt.] +1 281 501 4078	Jan-2023
		No	jon-fields-12b6413a
Safety Manager	Jeff Hoffstadt	[Phn.] +1 956 642 6025	Jan-2023
		No	jeff-hoffstadt-27496b32
Utilities Manager	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
Pipeline Supervisor	rbelveal@eprod.com	No	roger-belveal-90baaba7
Human Resource Manager	Esmeralda Galvan	[Phn.] +1 713 381 6500	Jan-2023
Director of Human Resources	egalvan@eprod.com	No	esmeralda-galvan-a7b92a4
Historical Reports			
Project Name	Report Date	TIV	Phase
ECHO GRASSROOT CRUDE OIL PUMP STATION 05	14-Jun-2019	75,000,000 USD	Permitting (P2 - 18)
ECHO GRASSROOT CRUDE OIL PUMP STATION 05	03-Dec-2019	75,000,000 USD	Permitting (P2 - 18)
AUSTIN GRASSROOT CRUDE OIL PUMP STATION 05	05-Mar-2020	75,000,000 USD	Detailed Engineering (E2 - 31)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	08-Apr-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	13-Apr-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	17-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	30-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	15-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	22-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	13-Nov-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	01-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	24-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
AUSTIN MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 05	15-Jan-2021	75,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300529732



**Project Name** LONDON GRASSROOT CRUDE OIL PUMP STATION 04  
**Umbrella Project Name** MIDLAND TO ECHO 3

[PEC Activity Diagram](#)  
**Umbrella Project Count** 6

**Umbrella Project Summary** Enterprise will build the Midland to ECHO 3 502 mile pipeline from Midland, TX to Harris County, Tx. M2E3 is currently in the Regulatory and ROW phase. Kick-off is expected early 2020 with an in service date of Mid 2021.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 75,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 15-Jan-2021
	<b>Initial Release</b> 14-Jun-2019
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Non-Union



**Project Capacity** **Planned** 400,000 BBL/d of Crude Oil

<b>Plant Owner</b> Enterprise Products Partners LP	<b>Plant Parent</b> Enterprise Products Partners LP
<b>Plant Name</b> London Pump Station 4	<b>Unit Name</b> London Pump Station 4 04 EM
<b>Plant ID</b> 3371721	
<b>Location</b> Near London	<b>Phone</b> +1 713 381 6500
<b>City/State</b> London, Texas 76854 U.S.A.	<b>Zone/County</b> TX*09, Kimble

**Project Responsibility Project Company**

**Project Contact**

<b>Project Executive</b> Enterprise Products Partners LP 1100 Louisiana Street, Suite 1000 Houston, Texas 77002 U.S.A.	Graham Bacon Executive VP of Operations & Engineering [Tel.] +1 713 381 6500 [E-Mail] gbacon@eprod.com
<b>Project Executive</b> Enterprise Products Partners LP PO Box 4324 Houston, Texas 77210-4324 U.S.A.	Kevin Ramsey VP Capital Projects [Tel.] +1 713 381 6500 [E-Mail] keramsey@eprod.com ; [LinkedIn] kevin-ramsey-61491013
<b>Project Manager</b> Enterprise Products Partners LP PO Box 4324 Houston, Texas 77210-4324 U.S.A.	Randy Wiggins Project Manager [Tel.] +1 713 381 6500 [E-Mail] rwiggins@eprod.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc
<b>G/C</b> NorthStar Energy Services 15025 East Freeway Channelview, Texas 77530 U.S.A.	Sam Foster Project Controls Manager [Tel.] +1 281 452 2355 [E-Mail] sfoster@nse.com
<b>G/C</b> NorthStar Energy Services 15025 East Freeway Channelview, Texas 77530 U.S.A.	Benny Flores Project Manager [Tel.] +1 281 452 2355 [E-Mail] bflores@nse.com

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** M2E3 LLC affiliate of Enterprise Product Partners LP with Pumpco Incorporated (Pipeline G/C and Pump Station Contractor) and NorthStar Energy Services (Pump Station G/C) performs Construction on Midland-to-ECHO 3 Grassroot Crude Oil Pump Station 4. DETAILS: As part of the Midland to Echo 3 Pipeline Project from the Permian Basin, construct building and install (1) 3,000 hp electric-drive pump package with auxiliary equipment to support Enterprise grassroot 502-Mile pipeline (Project ID: 300514810) currently being designed to transport up to 400,000 BBL/d (expandable to 450,000 BBL/d) of crude oil from Sterling City, TX to San Angelo, TX . REQUIRES: Steel Frame Building, Electric-Driven Pump Package, SCADA, MCC Mods, Control Valves, Flanges, Station Piping, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Enterprise Products Partners LP with Pumpco Incorporated and NorthStar Energy Services continues Construction Activities and releases remaining Equipment RFQs and Subcontractor Bid Documents 1Q20 (Mar)-3Q20 (Aug). Expected Construction Kick-Off 1Q20 (Mar). Construction Completion 1Q21 (Jan).

Project Milestones	AFE 202001	Sub Bid Doc 202008	Completion 28-Dec-2020	Precision YEAR
Long-Lead 201909	Equip RFQ 202003	Kick-Off 202003	Kickoff Slippage 0 Months	Duration 10 Months
Engineering Contracting	Electrical	Environmental	Instrumentation Mechanical	
Project Key Needs	Instrumentation	Electrical	Mechanical	Control Room
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves
	Communications			Pumps
				Transportation
<b>Matter Phase</b>	<b>Material Handling</b>			
	Liquid			Vapor

## Energy

Buy Electricity

Sell

Project Fuel Type Crude Oil

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Maintenance Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Purchasing Manager</b>	Roger Belveal	[Phn.] +1 806 848 2600 x1	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Engineering Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Environmental Manager</b>	Jon Fields	[Phn.] +1 713 381 6500 / [Alt.] +1 281 501 4078	Jan-2023
		No	jon-fields-12b6413a
<b>Safety Manager</b>	Jeff Hoffstadt	[Phn.] +1 210 528 3252 / [Alt.] +1 956 642 6025	Jan-2023
		No	jeff-hoffstadt-27496b32
<b>Utilities Manager</b>	Roger Belveal	[Phn.] +1 806 848 2603	Jan-2023
<b>Pipeline Supervisor</b>	rbelveal@eprod.com	No	roger-belveal-90baaba7
<b>Human Resource Manager</b>	Esmeralda Galvan	[Phn.] +1 713 381 6500	Jan-2023
<b>Director of Human Resource</b>	egalvan@eprod.com	No	esmeralda-galvan-a7b92a4

## Historical Reports

Project Name	Report Date	TIV	Phase
ECHO GRASSROOT CRUDE OIL PUMP STATION 04	14-Jun-2019	75,000,000 USD	Permitting (P2 - 18)
ECHO GRASSROOT CRUDE OIL PUMP STATION 04	03-Dec-2019	75,000,000 USD	Permitting (P2 - 18)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	05-Mar-2020	75,000,000 USD	Detailed Engineering (E2 - 31)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	25-Mar-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	17-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	30-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	15-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	22-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	13-Nov-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	01-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	24-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
LONDON GRASSROOT CRUDE OIL PUMP STATION 04	15-Jan-2021	75,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300529707**



**Project Name** MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1  
**Umbrella Project Name** MIDLAND TO ECHO 3

[PEC Activity Diagram](#)  
**Umbrella Project Count** 6

**Umbrella Project Summary** Enterprise will build the Midland to ECHO 3 502 mile pipeline from Midland, TX to Harris County, Tx. M2E3 is currently in the Regulatory and ROW phase. Kick-off is expected early 2020 with an in service date of Mid 2021.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 75,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 15-Jan-2021
<b>Environmental</b> Air (A) Land (L)	<b>Initial Release</b> 14-Jun-2019
	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Non-Union
<b>Project Capacity</b>	<b>Planned</b> 400,000 BBL/d of Crude Oil



<b>Plant Owner</b> Enterprise Products Partners LP	<b>Plant Parent</b> Enterprise Products Partners LP
<b>Plant Name</b> Midland Echo 3 Crude Oil Pump Station 1	<b>Unit Name</b> Midland Pump Station 1 01 EM
<b>Plant ID</b> 3371718	
<b>Location</b> 4500 East Highway 80	<b>Phone</b> +1 713 381 6500
<b>City/State</b> Midland, Texas 79701 U.S.A.	<b>Zone/County</b> TX*06, Midland

Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	Enterprise Products Partners LP 1100 Louisiana Street, Suite 1000 Houston, Texas 77002 U.S.A.	Graham Bacon Executive VP of Operations & Engineering [Tel.] +1 713 381 6500 [E-Mail] gbacon@eprod.com
<b>Project Executive</b>	Enterprise Products Partners LP Post Office Box 4324 Houston, Texas 77210 U.S.A.	Kevin Ramsey VP Operations & Capital Projects [Tel.] +1 713 381 6500 [E-Mail] keramsey@eprod.com ; [LinkedIn] kevin-ramsey-61491013
<b>Project Manager</b>	Enterprise Products Partners LP PO Box 4324 Houston, Texas 77210-4324 U.S.A.	Randy Wiggins Project Manager [Tel.] +1 713 381 6500 [E-Mail] rwiggins@eprod.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc
<b>G/C</b>	NorthStar Energy Services 15025 East Freeway Channelview, Texas 77530 U.S.A.	Benny Flores Project Manager [Tel.] +1 281 452 2355 [E-Mail] bflores@nse.com
<b>G/C</b>	NorthStar Energy Services 15025 East Freeway Channelview, Texas 77530 U.S.A.	Sam Foster Project Controls Manager [Tel.] +1 281 452 2355 [E-Mail] sfoster@nse.com

<b>PEC® Timing</b> C1	<b>PEC® Activity</b> Completion/Start-Up
<b>Project Probability</b> Completed (100%)	
<b>Scope</b> M2E3 LLC affiliate of Enterprise Product Partners LP with Pumpco Incorporated (Pipeline G/C and Pump Station Contractor), NorthStar Energy Services (Pump Station G/C) performs Detailed Engineering on Midland-to-ECHO 3 Grassroot Crude Oil Pump Station 1. DETAILS: As part of the Midland to Echo 3 Pipeline Project from the Permian Basin, construct building and install (1) 3,000 hp electric-drive pump package with auxiliary equipment to support Enterprise grassroot 502-Mile pipeline (Project ID: 300514810) currently being designed to transport up to 400,000 BBL/d (expandable to 450,000 BBL/d) of crude oil from Cameron, TX to Sealy, TX. REQUIRES: Steel Frame Building, Electric-Driven Pump Package, SCADA, MCC Mods, Control Valves, Flanges, Station Piping, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.	
<b>Schedule</b> Enterprise Products Partners LP with Pumpco Incorporated and NorthStar Energy Services continues with Detailed Engineering through 1Q20 (Mar). Enterprise Products Partners LP with NorthStar Energy Services releases remaining Equipment RFQs and Subcontractor Bid Documents 1Q20 (Mar)-3Q20 (Aug). Expected Construction Kick-Off 2Q20 (Apr). Construction Completion 1Q21 (Jan).	

Project Milestones	AFE 202001	Sub Bid Doc 202008	Completion 28-Dec-2020	Precision YEAR
<b>Long-Lead</b> 201909	<b>Equip RFQ</b> 202003	<b>Kick-Off</b> 202003	<b>Kickoff Slippage</b> 0 Months	<b>Duration</b> 10 Months
<b>Engineering Contracting</b>	Electrical	Environmental	Instrumentation	Mechanical
<b>Project Key Needs</b>		Control Room		
Instrumentation	Electrical	Mechanical	Storage	
Piping/Fittings	Insulation/Coatings	Environmental	Utilities	Valves
Communications				Pumps
				Transportation
	<b>Material Handling</b>			

# Exhibit GPLDC-1b

<b>Matter Phase</b>	Liquid	Vapor
<b>Energy</b>		
<b>Buy</b>		
<b>Sell</b>		
<b>Project Fuel Type</b>	Crude Oil	

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Jan-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Maintenance Manager</b>	James Wolfe	[Phn.] +1 432 221 7700	Jan-2023
		No	
<b>Purchasing Manager</b>	John Tejml	[Phn.] +1 713 381 6500	Jan-2023
<b>Procurement Director</b>	jtejml@eprod.com	No	john-tejml-25a7aa82
<b>Engineering Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Jan-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Environmental Manager</b>	Jon Fields	[Phn.] +1 713 381 6500 / [Alt.] +1 281 501 4078	Jan-2023
<b>Senior Environmental Manager</b>		No	jon-fields-12b6413a
<b>Safety Manager</b>	Jeff Hoffstadt	[Phn.] +1 956 642 6025	Jan-2023
		No	jeff-hoffstadt-27496b32
<b>Utilities Manager</b>	James Wolfe	[Phn.] +1 432 221 7700	Jan-2023
		No	
<b>Human Resource Manager</b>	Esmeralda Galvan	[Phn.] +1 713 381 6500	Jan-2023
<b>Director Human Resource</b>	egalvan@eprod.com	No	esmeralda-galvan-a7b92a4



## Historical Reports

Project Name	Report Date	TIV	Phase
ECHO GRASSROOT CRUDE OIL PUMP STATION 1	14-Jun-2019	75,000,000 USD	Permitting (P2 - 18)
ECHO GRASSROOT CRUDE OIL PUMP STATION 1	03-Dec-2019	75,000,000 USD	Permitting (P2 - 18)
MIDLAND GRASSROOT CRUDE OIL PUMP STATION 1	05-Mar-2020	75,000,000 USD	Detailed Engineering (E2 - 31)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	25-Mar-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	17-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	30-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	15-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	22-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	13-Nov-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	01-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	24-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND TO ECHO 3 GRASSROOT CRUDE OIL PUMP STATION 1	15-Jan-2021	75,000,000 USD	Completion/Start-Up (C1 - 41)



# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report		Project ID: 300529722	
	<b>Project Name</b> BIG LAKE ECHO III GRASSROOT PUMP STATION 2 <b>Umbrella Project Name</b> MIDLAND TO ECHO 3	<a href="#">PEC Activity Diagram</a> <b>Umbrella Project Count</b> 6	
<b>Umbrella Project Summary</b> Enterprise will build the Midland to ECHO 3 502 mile pipeline from Midland, TX to Harris County, Tx. M2E3 is currently in the Regulatory and ROW phase. Kick-off is expected early 2020 with an in service date of Mid 2021.			
<b>Industry Code</b> 03 Oil & Gas Pipelines <b>TIV (USD)</b> 75,000,000 <b>SIC Code</b> 4612 Crude Petroleum Pipelines <b>SIC Product</b> 4612*0003 Crude Oil Pump Stations <b>Status</b> Complete / Done <b>Environmental</b> Air (A) Land (L)	<b>Project Type</b> Grassroot <b>Sector</b> Crude Pipelines <b>Last Update</b> 15-Jan-2021 <b>Initial Release</b> 14-Jun-2019		
<b>Planned</b> 400,000 BBL/d of Crude Oil	<b>Construction Labor Preference</b> Unconfirmed <b>Operations Labor Preference</b> Non-Union		
<b>Plant Owner</b> Enterprise Products Partners LP <b>Plant Name</b> Big Lake Pump Station 2 <b>Plant ID</b> 3371719 <b>Location</b> Near Big Lake <b>City/State</b> Big Lake, Texas 76932 U.S.A.	<b>Plant Parent</b> Enterprise Products Partners LP <b>Unit Name</b> Big Lake Pump Station 2 02 EM <b>Phone</b> +1 713 381 6500 <b>Zone/County</b> TX*06, Reagan		
<b>Project Responsibility Project Company</b>		<b>Project Contact</b>	
<b>Project Executive</b> Enterprise Products Partners LP 1100 Louisiana Street, Suite 1000 Houston, Texas 77002 U.S.A.	Graham Bacon Executive VP of Operations & Engineering [Tel.] +1 713 381 6500 [E-Mail] gbacon@eprod.com		
<b>Project Executive</b> Enterprise Products Partners LP PO Box 4324 Houston, Texas 77210-4324 U.S.A.	Kevin Ramsey VP Capital Projects [Tel.] +1 713 381 6500 [E-Mail] keramsey@eprod.com ; [LinkedIn] kevin-ramsey-61491013		
<b>Project Manager</b> Enterprise Products Partners LP PO Box 4324 Houston, Texas 77210-4324 U.S.A.	Randy Wiggins Project Manager [Tel.] +1 713 381 6500 [E-Mail] rwiggins@eprod.com		
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc		
<b>G/C</b> NorthStar Energy Services 15025 East Freeway Channelview, Texas 77530 U.S.A.	Sam Foster Project Controls Manager [Tel.] +1 281 452 2355 [E-Mail] sfoster@nse.com		
<b>G/C</b> NorthStar Energy Services 15025 East Freeway Channelview, Texas 77530 U.S.A.	Benny Flores Project Manager [Tel.] +1 281 452 2355 [E-Mail] bflores@nse.com		
<b>PEC® Timing</b> C1		<b>PEC® Activity</b> Completion/Start-Up	
<b>Project Probability</b> Completed (100%)			
<b>Scope</b> M2E3 LLC affiliate of Enterprise Product Partners LP with Pumpco Incorporated (Pipeline G/C and Pump Station Contractor) and NorthStar Energy Services (G/C) performs Construction on Midland-to-ECHO 3 Grassroot Crude Oil Pump Station 2. DETAILS: As part of the Midland to Echo 3 Pipeline Project from the Permian Basin, construct building and install (1) 3,000 hp electric-drive pump package with auxiliary equipment to support Enterprise grassroot 502-Mile pipeline (Project ID: 300514810) currently being designed to transport up to 400,000 BBL/d (expandable to 450,000 BBL/d) of crude oil from Midland, TX to Sterling City, TX. REQUIRES: Steel Frame Building, Electric-Driven Pump Package, SCADA, MCC Mods, Control Valves, Flanges, Station Piping, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.			
<b>Schedule</b> Enterprise Products Partners LP with Pumpco Incorporated and NorthStar Energy Services continues with Construction Activities and releases remaining Equipment RFQs and Subcontractor Bid Documents 1Q20 (Mar)-3Q20 (Aug). Expected Construction Kick-Off 1Q20 (Mar). Construction Completion 1Q21 (Jan).			
<b>Project Milestones</b>		<b>AFE</b> 202001	<b>Sub Bid Doc</b> 202008
<b>Long-Lead</b> 201909		<b>Equip RFQ</b> 202003	<b>Kick-Off</b> 202003
		<b>Completion</b> 28-Dec-2020	
		<b>Precision</b> YEAR	
		<b>Duration</b> 10 Months	
<b>Engineering</b>			
<b>Contracting</b>			
<b>Project Key Needs</b>			
Instrumentation	Electrical	Environmental	Instrumentation Mechanical
Piping/Fittings	Insulation/Coatings	Control Room	
Communications	Mechanical	Utilities	Valves Pumps Transportation
<b>Matter Phase</b>		<b>Material Handling</b> Liquid	

Energy

Buy

Sell

Project Fuel Type Crude Oil

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Gerald Roever	[Phn.] +1 432 221 7705	Dec-2022
	groever@eprod.com	No	
<b>Maintenance Manager</b>	Gerald Roever	[Phn.] +1 432 221 7705	Dec-2022
	groever@eprod.com	No	
<b>Purchasing Manager</b>	Gerald Roever	[Phn.] +1 432 221 7705	Dec-2022
	groever@eprod.com	No	
<b>Engineering Manager</b>	Gerald Roever	[Phn.] +1 432 221 7705	Dec-2022
	<b>Purchasing Manager</b> groever@eprod.com	No	
<b>Environmental Manager</b>	Jon Fields	[Phn.] +1 713 381 6500 / [Alt.] +1 281 501 4078	Dec-2022
		No	jon-fields-12b6413a
<b>Safety Manager</b>	Jeff Hoffstadt	[Phn.] +1 956 642 6025 (Mobile)	Dec-2022
		No	jeff-hoffstadt-27496b32
<b>Utilities Manager</b>	Gerald Roever	[Phn.] +1 432 221 7705	Dec-2022
	groever@eprod.com	No	
<b>Human Resource Manager</b>	Esmeralda Galvan	[Phn.] +1 713 381 6500	Dec-2022
	<b>Director Human Resource</b> egalvan@eprod.com	No	esmeralda-galvan-a7b92a4

## Historical Reports

Project Name	Report Date	TIV	Phase
ECHO GRASSROOT PUMP STATON 2	14-Jun-2019	75,000,000 USD	Permitting (P2 - 18)
ECHO GRASSROOT PUMP STATON 2	22-Jul-2019	75,000,000 USD	Permitting (P2 - 18)
ECHO GRASSROOT PUMP STATON 2	17-Dec-2019	75,000,000 USD	Permitting (P2 - 18)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	05-Mar-2020	75,000,000 USD	Detailed Engineering (E2 - 31)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	25-Mar-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	17-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	30-Sep-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	15-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	22-Oct-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	13-Nov-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	01-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	24-Dec-2020	75,000,000 USD	Construction - Merit Shop (C1 - 36)
BIG LAKE ECHO III GRASSROOT PUMP STATON 2	15-Jan-2021	75,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300468517**



**Project Name** FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELIN  
**Umbrella Project Name** PERMIAN HIGHWAY PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 5

**Umbrella Project Summary** The PHP Pipeline is a 430 mile of 42 inch pipe being built to enable flows of natural gas from the Waha Hub into the Agua Dulce Hub in South TX and providing access to several other pipelines to MX, the Katy Hub (30 miles west of Houston) and pipeline headers that ties into liquefaction/LNG export terminals in Corpus Christi and Freeport, TX. A possible switch to a 48-inch-diameter pipe is under consideration, depending on the level of shipper interest.

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 1,600,000,000	
<b>SIC Code</b> 4922 Natural Gas Transmission	<b>Sector</b> Natural Gas Pipelines
<b>SIC Product</b> 4922*0004 Natural Gas Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 04-Jan-2021 <b>Initial Release</b> 13-Sep-2018
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Non-Union
<b>Project Capacity</b>	<b>Planned</b> 2,100 MMSCFD of Natural Gas, Gaseous (Methane)



**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	430	Miles (mi)	42	Inches (in)

<b>Plant Owner</b> Permian Highway Pipeline LLC	<b>Plant Parent</b> Kinder Morgan Incorporated
<b>Plant Name</b> Fort Stockton Coyanosa Natural Gas Compressor Station	<b>Unit Name</b>
<b>Plant ID</b> 3335456	
<b>Location</b> 2629 Trailer House Road	<b>Phone</b> +1 713 369 9000
<b>City/State</b> Coyanosa, Texas 79730 U.S.A.	<b>Zone/County</b> TX*06, Pecos

**Project Responsibility Project Company**

**Project Contact**

<b>Project Executive</b> Kinder Morgan Texas Pipeline LLC 1001 Louisiana Street Suite 1000 Houston, Texas 77002 U.S.A.	David Grisko Business Development [Tel.] +1 713 369 9000 [E-Mail] david_grisko@kindermorgan.com
<b>Project Executive</b> Kinder Morgan Incorporated 1001 Louisiana Street Suite 1000 Houston, Texas 77002 U.S.A.	Sital Mody VP of Natural Gas Midstream [Tel.] +1 713 369 9000 [E-Mail] sital_mody@kindermorgan.com
<b>Project Manager</b> Kinder Morgan Texas Pipeline LLC 1001 Louisiana Street Suite 1000 Houston, Texas 77002 U.S.A.	Enrique Valencia Commercial Operations Manager [Tel.] +1 713 369 9000 [E-Mail] enrique_valencia@kindermorgan.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc
<b>G/C</b> Troy Construction LLC 260 Mount Olive Church Road Commerce, Georgia 30529 U.S.A.	Matthew Brannon Project Estimator [Tel.] +1 281 437 8214 [E-Mail] mbrannon@troyconstruction.com

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Kinder Morgan Texas Pipeline (subsidiary of Kinder Morgan) and EagleClaw Midstream Ventures (Joint Venture) awards Pumpco Incorporated and Troy Construction (G/C) and performs Construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the \$2 Billion 430-Mile Permian Highway Pipeline Project from Waha Hub to the Texas Gulf Coast, install 430 miles of 42" diameter transmission pipeline to transport up to 2.1 Bcf/d of natural gas from Waha Hub near Fort Stockton, TX to Katy, TX which will then connect to the Gulf Coast and Mexico Markets. REQUIRES: Trenching, Excavating, 42" Diameter Transmission Pipe, Cathodic Protection, Custody Transfers, Coatings, MCC Mods, Pig Launching & Receiving, Block/Control Valves, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.

**Schedule** KMTP with Troy and Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Bid Documents plus review and select Subcontractors 1Q20 (Feb) through 2Q20 (Jun). Construction Commenced 1Q20 (Feb). Scheduled Project Completion 2Q21 (Apr).

<b>Project Milestones</b>	<b>AFE</b> 202002	<b>Sub Bid Doc</b> 202006	<b>Completion</b> 01-Jan-2021	<b>Precision</b> DAY
	<b>Long-Lead</b> 201811	<b>Equip RFQ</b> 202002	<b>Kickoff Slippage</b> 3 Months	<b>Duration</b> 12 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation	Mechanical
<b>Project Key Needs</b>	Civil/Site	Structural	Control Room	
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities
	Communications			Valves
				Pumps
				Transportation
				Material Handling

Matter Phase Gas

Energy

Buy Electricity

Sell

Project Fuel Type Natural Gas

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Brian Stokes	[Phn.] +1 432 333 5501	Mar-2023
<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Maintenance Manager</b>	Brian Stokes	[Phn.] +1 432 333 5500	Mar-2023
<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Purchasing Manager</b>	Brian Stokes	[Phn.] +1 432 333 5501	Mar-2023
<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Engineering Manager</b>	David Grisko	[Phn.] +1 713 369 9870	Mar-2023
<b>Business Development</b>	david_grisko@kindermorgan.com	No	
<b>Environmental Manager</b>	Eric Parker	[Phn.] +1 432 688 3780	Mar-2023
	eric_parker@kindermorgan.com	No	eric-parker-6b101b175
<b>Safety Manager</b>	Scott Long	[Phn.] +1 713 396 9000	Mar-2023
<b>EHS Manager-Contractor Safety</b>	scott_long@kindermorgan.com	No	scott-long-91291238
<b>Utilities Manager</b>	Brian Stokes	[Phn.] +1 432 333 5501	Mar-2023
<b>Operations Manager</b>	brian.stokes@elpaso.com	No	
<b>Human Resource Manager</b>	Mary Burtner	[Phn.] +1 713 369 9000	Mar-2023
	mary_burtner@kindermorgan.com	No	maryburtner

## Historical Reports

Project Name	Report Date	TIV	Phase
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	13-Sep-2018	900,000,000 USD	Economic Evaluation (P1 - 04)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	14-Mar-2019	900,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	19-Sep-2019	900,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	22-Oct-2019	900,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	27-Nov-2019	900,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	11-Dec-2019	900,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	10-Jan-2020	1,600,000,000 USD	Permitting (P2 - 18)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	19-Feb-2020	1,600,000,000 USD	Construction - Merit Shop (C1 - 36)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	29-Apr-2020	1,600,000,000 USD	Construction - Merit Shop (C1 - 36)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	04-Nov-2020	1,600,000,000 USD	Construction - Merit Shop (C1 - 36)
FORT STOCKTON PERMIAN HIGHWAY GRASSROOT NATURAL GAS PIPELINE (PHP)	04-Jan-2021	1,600,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** WINK LONE STAR EXPRESS (LSX2) NATURAL GAS LIQUIDS PIPELINE EXPAN  
**Umbrella Project Name** LONE STAR EXPRESS EXPANSION (LSX2)

[PEC Activity Diagram](#)  
**Umbrella Project Count** 6

**Umbrella Project Summary** Lone Star is expanding its Lone Star Express Pipeline system by adding a new 352-mile 24" pipeline extending from Lone Stars existing pipeline system near Wink, Tx to its existing 30" line south of Fort Worth, Tx. This new pipeline will provide capacity for transportation commitments Lone Star has secured from the Delaware and Permian Basins. Completion date is slated for 4Q20.

**Industry Code** 03 Oil & Gas Pipelines  
**TIV (USD)** 550,000,000  
**SIC Code** 4922 Natural Gas Transmission

**Project Type** Grassroot

**Sector** Natural Gas Liquids Pipelines



**SIC Product** 4922\*0010 Natural Gas Liquids Pipeline

**Status** Complete / Done

**Last Update** 02-Sep-2020

**Initial Release** 12-Dec-2018

**Environmental** Air (A) Land (L) Water (W)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union

**Project Capacity** **Planned** 400,000 BBL/d of Natural Gas Liquids (NGL)

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Market Extension	352 Miles (mi)		24 Inches (in)	

**Plant Owner** Energy Transfer Partners LP  
**Plant Name** Wink WT2 NGL Pump Station  
**Plant ID** 3348108  
**Location** East of Wink  
**City/State** Wink, Texas 79789 U.S.A.

**Plant Parent** Energy Transfer LP  
**Unit Name**  
**Phone** +1 210 403 7300  
**Zone/County** TX\*06, Winkler

### Project Responsibility Project Company

### Project Contact

**Project Executive** Energy Transfer Operating LP  
 8111 Westchester Drive  
 Dallas, Texas 75225  
 U.S.A.

Matthew Ramsey  
 VP Operations & Engineering  
 [Tel.] +1 713 989 7000  
 [E-Mail] matt.ramsey@energytransfer.com

**Project Manager** Energy Transfer Operating LP  
 8111 Westchester Drive  
 Dallas, Texas 75225  
 U.S.A.

Kevin Smith  
 Sr Construction Engineer  
 [Tel.] +1 713 989 7000  
 [E-Mail] kevin.smith@energytransfer.com

**Project Manager** Energy Transfer Operating LP  
 1300 Main Street  
 Houston, Texas 77002  
 U.S.A.

Jonathan Minton  
 Environmental Project Manager  
 [Tel.] +1 713 989 7000  
 [E-Mail] jonathan.minton@energytransfer.com

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

**G/C** Troy Construction LLC  
 P O Box 450862  
 Houston, Texas 77245  
 U.S.A.

Tim Johnson  
 Field Superintendent  
 [Tel.] +1 281 437 8214  
 [E-Mail] tjohnson@troyconstruction.com

**G/C** Holloman Corporation  
 333 North Sam Houston Parkway East Suite 600  
 Houston, Texas 77060  
 U.S.A.

Ryan Kelly  
 Project Manager  
 [Tel.] +1 281 878 2600  
 [E-Mail]

**G/C** Precision Pipeline LLC  
 1119 Regis Court Ste 210  
 Eau Claire, Wisconsin 54701  
 U.S.A.

Jake Breunig  
 Project Manager  
 [Tel.] +1 715 874 4510  
 [E-Mail] jbreunig@precisionpipelinellc.com

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Lone Star NGL Pipeline LLC (subsidiary of Energy Transfer LP) awards Pumpco Incorporated (Spread 1), Troy Construction (Spread 2), Hollomon Corporation (Spread 3) and Precision Pipeline (Spread 4) and proceed with Construction on LSX2 NGL Pipeline Expansion. DETAILS: As part of Lone Star Express pipeline Expansion from the Permian Basin, install 352 miles of 24" diameter transmission pipeline to transport 400,000 BBL/d of NGL's from Wink, TX to connect to Lone Star existing 30" pipeline at Morgan Junction in Bosque County, TX. REQUIRES: Trenching, Excavating, 24" Diameter Transmission Pipe, Cathodic Protection, Road/River Crossings, Coatings, Custody Transfers, Metering, Block/Control Valves, Pig Launching, Piping and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment; (W) River Crossings.

**Schedule** Lone Star in Conjunction with G/C's continues with Construction Activities (Clearing and Grading) and releases remaining Equipment RFQ's and Bid Documents plus review and select Subcontractors 4Q19 (Dec) through 2Q20 (May). Construction Commenced 4Q19 (Dec). Scheduled Project Completion 3Q20 (Sep).

**Details** Apr-2020 No current impact.

# Exhibit GPLDC-1b

<b>Project Milestones</b>	<b>AFE 201908</b>	<b>Sub Bid Doc 202005</b>	<b>Completion 01-Sep-2020</b>
<b>Long-Lead 201901</b>	<b>Equip RFQ 201912</b>	<b>Kick-Off 201912</b>	<b>Kickoff Slippage 3 Months</b>
<b>Engineering</b>			<b>Precision QUARTER</b>
<b>Contracting</b>	Electrical	Environmental	<b>Duration 10 Months</b>
<b>Project Key Needs</b>		Control Room	
	Instrumentation	Electrical	Mechanical
	Piping/Fittings	Insulation/Coatings	Mechanical
	Communications	Environmental	Utilities
		Valves	NDE
			Pumps
			Transportation
<b>Matter Phase</b>	Gas	Liquid	
<b>Energy</b>			
<b>Buy</b>	Electricity		
<b>Sell</b>			
<b>Project Fuel Type</b>	Natural Gas		

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Michael 'Mike' McCracken	[Phn.] +1 817 302 9806 / [Alt.] +1 505 217 5034	Aug-2022
<b>Senior Director of Operations</b>	michael.mccracken@energytransfer.com	No	mike-mccracken-485b9741
<b>Maintenance Manager</b>	Michael 'Mike' McCracken	[Phn.] +1 214 981 0700 / [Alt.] +1 505 217 5034	Aug-2022
<b>Senior Director of Operations</b>	michael.mccracken@energytransfer.com	No	mike-mccracken-485b9741
<b>Purchasing Manager</b>	Michael 'Mike' McCracken	[Phn.] +1 817 302 9806 / [Alt.] +1 505 217 5034	Aug-2022
<b>Senior Director of Operations</b>	michael.mccracken@energytransfer.com	No	mike-mccracken-485b9741
<b>Engineering Manager</b>	Mark Vedral	[Phn.] +1 210 489 4300	Aug-2022
	mark.vedral@energytransfer.com	No	
<b>Environmental Manager</b>	Christopher Hansen	[Phn.] +1 214 840 5650 / [Alt.] +1 972 658 8157	Aug-2022
	christopher.hansen@energytransfer.com	No	chris-hansen-a2273166
<b>Safety Manager</b>	Keith Morris	[Phn.] +1 214 981 0700	Aug-2022
<b>Senior Safety Manager</b>	keith.morris@energytransfer.com	No	keith-morris-csp-3a5b9919
<b>Utilities Manager</b>	Michael 'Mike' McCracken	[Phn.] +1 817 302 9806 / [Alt.] +1 505 217 5034	Aug-2022
<b>Senior Director of Operations</b>	michael.mccracken@energytransfer.com	No	mike-mccracken-485b9741
<b>Human Resource Manager</b>	Erica Brandt	[Phn.] +1 210 403 7300	Aug-2022
<b>Human Resource Director</b>	erica.brandt@energytransfer.com	No	erica-brandt-1ba85937

### Historical Reports

Project Name	Report Date	TIV	Phase
WINK NATURAL GAS LIQUIDS PIPELINE EXPANSION	12-Dec-2018	550,000,000 USD	Permitting (P2 - 18)
WINK NATURAL GAS LIQUIDS PIPELINE EXPANSION	28-Aug-2019	550,000,000 USD	Permitting (P2 - 18)
WINK LONE STAR EXPRESS (LSX2) NATURAL GAS LIQUIDS PIPELINE EXPANSION	04-Oct-2019	550,000,000 USD	Planning and Scheduling (E2 - 25)
WINK LONE STAR EXPRESS (LSX2) NATURAL GAS LIQUIDS PIPELINE EXPANSION	20-Dec-2019	550,000,000 USD	Construction - Merit Shop (C1 - 36)
WINK LONE STAR EXPRESS (LSX2) NATURAL GAS LIQUIDS PIPELINE EXPANSION	08-Apr-2020	550,000,000 USD	Construction - Merit Shop (C1 - 36)
WINK LONE STAR EXPRESS (LSX2) NATURAL GAS LIQUIDS PIPELINE EXPANSION	02-Sep-2020	550,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300341020**



**Project Name** COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 17-Jul-2020 <b>Initial Release</b> 15-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unio
<b>Project Capacity</b>	<b>Planned</b> 590,000 BBL/d of Crude Oil



<b>Plant Owner</b> Epic Consolidated Operations LLC	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> EPIC Crude Oil Pump Station	<b>Unit Name</b> Cotulla 01 EM Cotulla 02 EM
<b>Plant ID</b> 3238433	
<b>Location</b> Highway 57	<b>Phone</b> +1 210 495 5577
<b>City/State</b> Eagle Pass, Texas 78852 U.S.A.	<b>Zone/County</b> TX*09, Maverick

**Project Responsibility Project Company**

**Project Contact**

<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Grant Terry Project Engineer - Pipeline [Tel.] +1 210 495 5577 x209 [E-Mail] ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 495 5577 [E-Mail] justin.gordon@epicmid.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Phillip Mezey Chief Executive Officer [Tel.] +1 210 495 5577 [E-Mail] phil.mezey@epicmid.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Robert Mares Field Superintendent [Tel.] +1 979 542 9054 [E-Mail] robert.mares@pumpco.cc
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Epic Midstream with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. DETAILS: Construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 590,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Piling, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Epic Midstream with Pumpco (G/C) completes Construction. Construction Commenced 4Q18 (Dec). Project Completed 1Q20 (Mar).

<b>Project Milestones</b>	<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201811	<b>Sub Bid Doc</b> 201811	<b>Completion</b> 15-Mar-2020	<b>Precision</b> MONTH
			<b>Kick-Off</b> 201812	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 16 Months
<b>Engineering</b> Civil	Electrical	Environmental		Instrumentation Mechanical	Structural
<b>Contracting</b> Civil	Electrical	Environmental		Instrumentation Mechanical	Structural
<b>Project Key Needs</b> Civil/Site	Structural		Control Room		
	Instrumentation	Electrical	Mechanical		NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps
	Communications				Transportation
<b>Matter Phase</b>	Liquid				
<b>Energy</b>					
<b>Buy</b> Electricity					
<b>Sell</b>					

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Lyn Hudson	[Phn.] +1 210 920 2255	Feb-2023
<b>Pipeline Operations Manager</b>		No	lynhudson

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<b>Maintenance Manager</b>	Lyn Hudson	[Phn.] +1 210 920 2255	Feb-2023
<b>Pipeline Operations Manager</b>		No	lynhudson
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	Feb-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Ryan Hansard	[Phn.] +1 210 495 5577	Feb-2023
		No	
<b>Environmental Manager</b>	Lyn Hudson	[Phn.] +1 210 920 2255	Feb-2023
<b>Pipeline Operations Manager</b>		No	lynhudson
<b>Safety Manager</b>	Lyn Hudson	[Phn.] +1 210 920 2255	Feb-2023
<b>Pipeline Operations Manager</b>		No	lynhudson
<b>Utilities Manager</b>	Lyn Hudson	[Phn.] +1 210 920 2255	Feb-2023
<b>Pipeline Operations Manager</b>		No	lynhudson
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	Feb-2023
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Apr-2018	40,000,000 USD	Economic Evaluation (P1 - 04)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	26-Nov-2018	40,000,000 USD	Permitting (P2 - 18)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Permitting (P2 - 18)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	22-Nov-2019	40,000,000 USD	Planning and Scheduling (E2 - 25)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	02-Jan-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
COTULLA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	17-Jul-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)



# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300340752**



**Project Name** OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 17-Jul-2020 <b>Initial Release</b> 15-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Union, Non-Union
	<b>Operations Labor Preference</b> Union, Non-Union
<b>Project Capacity</b>	<b>Planned</b> 590,000 BBL/d of Crude Oil



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> EPIC Crude Oil Pump Station	<b>Unit Name</b> Ozona 01 EM Ozona 02 EM
<b>Plant ID</b> 3238235	
<b>Location</b> West of Route 163, South of Ozona	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Crane, Texas 76943 U.S.A.	<b>Zone/County</b> TX*06, Upton

**Project Responsibility Project Company**

**Project Contact**

<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Grant Terry Project Engineer - Pipeline [Tel.] +1 210 495 5577 x209 [E-Mail] ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 495 5577 [E-Mail] justin.gordon@epicmid.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Phillip Mezey Chief Executive Officer [Tel.] +1 210 495 5577 [E-Mail] phil.mezey@epicmid.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Robert Mares Field Superintendent [Tel.] +1 979 542 9054 [E-Mail] robert.mares@pumpco.cc
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Epic Midstream with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. DETAILS: Construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 590,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Piling, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Epic Midstream with Pumpco (G/C) completes Construction for a Grassroot Crude Oil Pump Station. Construction Commenced 4Q18 (Dec). Project Completed 1Q20 (Mar).

Project Milestones	Long-Lead 201810	Equip RFQ 201811	Sub Bid Doc 201811	Completion 15-Mar-2020	Precision MONTH
			Kick-Off 201812	Kickoff Slippage 9 Months	Duration 16 Months
<b>Engineering</b> Civil	Electrical	Environmental		Instrumentation Mechanical	Structural
<b>Contracting</b> Civil	Electrical	Environmental		Instrumentation Mechanical	Structural
<b>Project Key Needs</b> Civil/Site	Structural			Heat Transfer	
	Instrumentation	Electrical	Mechanical	NDE	
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps
	Communications				Transportation
<b>Matter Phase</b>	Liquid				
<b>Energy</b>					
<b>Buy</b>					
<b>Sell</b>					

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593 / [Alt.] +1 210 920 2255	Sep-2022
<b>Senior Operations Manager Crude, NGL</b>		No	

## Exhibit GPLDC-1b

<b>Maintenance Manager</b>	Cliff Self	[Phn.] +1 210 569 6696	Sep-2022
<b>Pipeline Operations Manager</b>		No	cliff-self-9571681b8
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	Sep-2022
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Sep-2022
<b>Senior Operations Manager Crude, NGL</b>		No	
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 210 920 2255	Sep-2022
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	William Crochet	[Phn.] +1 210 920 2255	Sep-2022
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Utilities Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Sep-2022
<b>Senior Operations Manager Crude, NGL</b>		No	
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	Sep-2022
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Apr-2018	40,000,000 USD	Economic Evaluation (P1 - 04)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	26-Nov-2018	40,000,000 USD	Permitting (P2 - 18)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Permitting (P2 - 18)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	22-Nov-2019	40,000,000 USD	Planning and Scheduling (E2 - 25)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Feb-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
OZONA GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	17-Jul-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300406628**



**Project Name** ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE  
**Umbrella Project Name** GRAY OAK CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 14

**Umbrella Project Summary** 800,000 BBL/d Crude Oil Pipeline from multiple origin points in the Permian to the Gulf Coast via the Eagle Ford.

**Industry Code** 03 Oil & Gas Pipelines

**Project Type** Grassroot

**TIV (USD)** 1,500,000,000

**SIC Code** 4612 Crude Petroleum Pipelines

**Sector** Crude Pipelines

**SIC Product** 4612\*0001 Crude Oil Pipelines

**Status** Complete / Done

**Last Update** 14-May-2020

**Initial Release** 21-Dec-2017

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union



**Project Capacity** **Planned** 900,000 BBL/d of Crude Oil

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	850	Miles (mi)	42	Inches (in)

**Plant Owner** Phillips 66

**Plant Parent** Phillips 66

**Plant Name** Orla Crude Oil Pump Station

**Unit Name**

**Plant ID** 3292948

**Location** 10.38 Miles Northwest of Orla

**Phone** +1 281 293 6600

**City/State** Mentone, Texas 79770 U.S.A.

**Zone/County** TX\*06, Loving

### Project Responsibility Project Company

### Project Contact

**Project Executive** Phillips 66  
 PO Box 4428  
 Houston, Texas 77210  
 U.S.A.

Corey Leonard  
 Business Dev. Manager - Pipelines  
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**Project Manager** Phillips 66  
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Manny Cortez  
 Pipeline Operation Manager  
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**Project Manager** Phillips 66  
 PO Box 4428  
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 U.S.A.

David Bevill  
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**G/C** Holloman Corporation  
 333 North Sam Houston Parkway East Suite 600  
 Houston, Texas 77060  
 U.S.A.

Justin Schwausch  
 Project Manager  
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**G/C** Pumpco Incorporated  
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 U.S.A.

Derek Kieschnick  
 Project Estimator  
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 [E-Mail] derek.kieschnick@pumpco.cc

**G/C** MPG Pipeline Contractors LLC  
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 U.S.A.

Bruce Ainsworth  
 Operations Manager  
 [Tel.] +1 713 904 1168  
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**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Gray Oak Pipeline LLC (subsidiary of Phillips 66 - 75% Owner) and Marathon Petroleum Company (formerly Andeavor - 25% Owner) awards Holloman Corporation (Spread 1), Pumpco (Spread 2) and MPG Contractors (Spread 3) and continues with Construction for a Grassroot Crude Oil Pipeline. DETAILS: As part of the 850 Mile Gray Oak Pipeline Project, Dig trenches and lay approximately 850 miles of 36" and 42" diameter transmission pipeline to transport up to 900,000 BBL/d (expandable to 1MM BBL/d) of crude oil from origination points in the Permian Basin near Orla, Wink, and Crane, TX to the Eagle Ford Shale area near Corpus Christi, Sweeny, and Freeport, TX. REQUIRES: Trenching, Excavation, 36" and 42" Diameter Transmission Pipe, SCADA, Coatings, Custody Transfers, Pig Launching & Receiving, Block/Control Valves, Piping, MCC, HDD, Road/River Crossings, Metering, Utilities and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Gray Oak Pipeline in Conjunction with Holloman, Pumpco and MPG continues with Construction Activities and continues to release remaining Equipment RFQ's and Sub Contractor Bid Documents through 3Q19 (Aug). Construction Commenced 4Q18 (Oct). Expected Project Completion 2Q20 (May).

Project Milestones	Long-Lead	Equip RFQ	Sub Bid Doc	Completion	Precision
	201807	201809	201809	27-Apr-2020	MONTH
<b>Engineering</b>					
<b>Contracting</b>	Electrical	Environmental	Kick-Off 201810	Kickoff Slippage 3 Months	Duration 19 Months
<b>Project Key Needs</b>	Civil/Site				
	Instrumentation	Electrical	Mechanical	NDE	
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	

Communications	Liquid	Transportation
<b>Matter Phase</b>		
<b>Energy</b>		
<b>Buy</b> Electricity		
<b>Sell</b>		

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Scott Gilmore	[Phn.] +1 806 318 9268	Apr-2023
<b>Operations Superintendent</b>	scott.gilmore@p66.com	No	
<b>Maintenance Manager</b>	Scott Gilmore	[Phn.] +1 806 318 9268	Apr-2023
<b>Operations Superintendent</b>	scott.gilmore@p66.com	No	
<b>Purchasing Manager</b>	Scott Gilmore	[Phn.] +1 806 318 9268	Apr-2023
<b>Operations Superintendent</b>	scott.gilmore@p66.com	No	
<b>Engineering Manager</b>	Manny Cortez	[Phn.] +1 832 765 1711	Apr-2023
<b>Manager Pipelines</b>	manny.m.cortez@p66.com	No	manny-cortez-304b9218
<b>Environmental Manager</b>	David 'Clint' Gill	[Phn.] +1 281 293 6600	Apr-2023
<b>EHS Manager</b>		No	Duplicate ID
<b>Safety Manager</b>	David 'Clint' Gill	[Phn.] +1 281 293 6600	Apr-2023
<b>EHS Manager</b>		No	Duplicate ID
<b>Utilities Manager</b>	Scott Gilmore	[Phn.] +1 806 318 9268	Apr-2023
<b>Operations Superintendent</b>	scott.gilmore@p66.com	No	
<b>Human Resource Manager</b>	Sonya Reed	[Phn.] +1 281 293 6600	Apr-2023
<b>SVP Human Resources</b>		No	sonya-reed-b051144

Historical Reports			
Project Name	Report Date	TIV	Phase
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	21-Dec-2017	700,000,000 USD	Owner Review of Issue (P2 - 19)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	27-Apr-2018	700,000,000 USD	Owner Review of Issue (P2 - 19)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	11-Jul-2018	700,000,000 USD	Purchasing (E2 - 21)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	31-Jul-2018	700,000,000 USD	Purchasing (E2 - 21)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	15-Nov-2018	700,000,000 USD	Purchasing (E2 - 21)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	06-Dec-2018	700,000,000 USD	Planning and Scheduling (E2 - 25)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	14-Dec-2018	700,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	28-Feb-2019	1,500,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	19-Sep-2019	1,500,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	15-Nov-2019	1,500,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	13-Dec-2019	1,500,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	27-Feb-2020	1,500,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	16-Apr-2020	1,500,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT GRAY OAK CRUDE OIL PIPELINE	14-May-2020	1,500,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<p><b>Industry Code</b> 02 Terminals  <b>TIV (USD)</b> 15,000,000  <b>SIC Code</b> 5171 Petroleum Bulk Stations &amp; Terminals  <b>SIC Product</b> 5171*0003 Crude Petroleum Storage  <b>Market Trends</b> Impacted by COVID-19  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Oil Storage  <b>Last Update</b> 11-May-2020    <b>Initial Release</b> 10-Mar-2017  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unior  <b>Project Capacity</b>                      <b>Planned</b> 100,000 BBL of Crude Oil Storage</p>
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<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Orla EPIC Crude Oil and Condensate Terminal  <b>Plant ID</b> 3238599  <b>Location</b> North of Orla  <b>City/State</b> Orla, Texas 79770 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>    <b>Phone</b> +1 210 569 6696  <b>Zone/County</b> TX*06, Reeves</p>
--	--

**Project Responsibility Project Company**

**Project Manager** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 300  
 San Antonio, Texas 78258  
 U.S.A.

**Project Contact**  
 Grant Terry  
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**Project Executive** EPIC Midstream Holdings, LP  
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Justin Gordon  
 Vice President Engineering & Operations  
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 [LinkedIn] justin-gordon-2a213241

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
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Phillip Mezey  
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 [Tel.] +1 210 569 6696  
 [E-Mail] phil.mezey@texstarlogistics.com

**G/C** MPG Pipeline Contractors LLC  
 16770 Imperial Valley, Suite 105  
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 [E-Mail] bainsworth@mpg-plc.com

**G/C** Pumpco Incorporated  
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Robert Mares  
 Field Superintendent  
 [Tel.] +1 979 542 9054  
 [E-Mail] robert.mares@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal. DETAILS: Construct (2) 50,000 BBL aboveground storage tanks plus (2) truck unloading racks to collect Eagle Ford shale crude oil and condensate for transport to Corpus Christi via planned 730-mile 600,000 BBL/d Epic Pipeline (Project ID: 300340737). REQUIRES: Site Preparation, Foundations, Tank Pads, Plate Steel, Pipe Racks, Control Valves, Headers, Metering, Truck Unloading, Coatings, Painting, Electrical Utilities, Pumps, Motors, Fire Protection, MCC Modifications plus Controls. ENVIRONMENTAL: (A) Leak Detection, Flare Tie-Ins, Vapor Recovery; (L) Containment, Liners, Dikes.

**Schedule** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal and releases remaining Equipment RFQ's plus Sub Contractor Bid Documents 4Q18 (Dec) - 4Q19 (Oct). Construction Commenced 4Q18 (Dec). Expected Project Completion 2Q20 (May).

**Details** Apr-2020 Minor delay in Startup due to COVID19.

<b>Project Milestones</b>	<b>AFE</b> 201812	<b>Sub Bid Doc</b> 201812	<b>Completion</b> 11-May-2020	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201809	<b>Equip RFQ</b> 201812	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 18 Months
		<b>Kick-Off</b> 201812		

<b>Engineering Contracting</b>	Electrical	Environmental	Instrumentation	Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Structural	Control Room		
	Instrumentation	Electrical	Mechanical	Storage	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps
	Communications				Transportation

**Matter Phase**                                      Liquid

**Energy**

**Buy** Electricity

**Sell**

# Exhibit GPLDC-1b

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Maintenance Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Purchasing Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Engineering Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Environmental Manager</b>	Juan Tascon	[Phn.] +1 210 920 2255	May-2023
	juan.tascon@epicmid.com	No	juan-ramon-tascon-36886a27
<b>Safety Manager</b>	Juan Tascon	[Phn.] +1 210 495 5577	May-2023
<b>DCS Technician</b>	juan.tascon@epicmid.com	No	juan-ramon-tascon-36886a27
<b>Utilities Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Human Resource Manager</b>	Jessica Roy	[Phn.] +1 210 569 6696	May-2023
<b>Executive Assistant</b>	jessica.roy@epicmid.com	No	jessica-roy-21487244

## Historical Reports

Project Name	Report Date	TIV	Phase
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	10-Mar-2017	50,000,000 USD	Project Justification (P1 - 16)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	23-Jan-2018	50,000,000 USD	Project Justification (P1 - 16)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Jul-2018	50,000,000 USD	Permitting (P2 - 18)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Dec-2018	50,000,000 USD	Permitting (P2 - 18)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	14-Dec-2018	50,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Aug-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	15-Jan-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Feb-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	04-Mar-2020	15,000,000 USD	Final Commissioning (C1 - 40)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Apr-2020	15,000,000 USD	Final Commissioning (C1 - 40)
ORLA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	11-May-2020	15,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<p><b>Industry Code</b> 02 Terminals  <b>TIV (USD)</b> 15,000,000  <b>SIC Code</b> 5171 Petroleum Bulk Stations &amp; Terminals  <b>SIC Product</b> 5171*0003 Crude Petroleum Storage  <b>Market Trends</b> Impacted by COVID-19  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Oil Storage  <b>Last Update</b> 11-May-2020    <b>Initial Release</b> 10-Mar-2017  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unioir</p>
<p><b>Project Capacity</b>                      <b>Planned</b> 100,000 BBL of Crude Oil Storage</p>	



<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Crane EPIC Crude Oil &amp; Condensate Terminal  <b>Plant ID</b> 3238598  <b>Location</b> 1855 Dump Ground Road  <b>City/State</b> Crane, Texas 79731 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>  <b>Phone</b> +1 210 569 6696  <b>Zone/County</b> TX*06, Crane</p>
--	---

**Project Responsibility Project Company**

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 18615 Tuscany Stone, Suite 300  
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 U.S.A.

**Project Contact**

Grant Terry  
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 Field Superintendent  
 [Tel.] +1 979 542 9054  
 [E-Mail] robert.mares@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal. DETAILS: Construct (2) 50,000 aboveground storage tanks plus (2) truck unloading racks to collect Eagle Ford shale crude oil and condensate for transport to Corpus Christi via planned 730-mile 600,000 BBL/d Epic Pipeline (Project ID: 300340737). REQUIRES: Site Preparation, Foundations, Tank Pads, Plate Steel, Pipe Racks, Control Valves, Headers, Metering, Truck Unloading, Coatings, Painting, Electrical Utilities, Pumps, Motors, Fire Protection, MCC Modifications plus Controls. ENVIRONMENTAL: (A) Leak Detection, Flare Tie-Ins, Vapor Recovery; (L) Containment, Liners, Dikes.

**Schedule** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal and releases remaining Equipment RFQ's plus Sub Contractor Bid Documents 4Q18 (Dec) - 4Q19 (Oct). Construction Commenced 4Q18 (Dec). Expected Project Completion 2Q20 (May).

**Details** Apr-2020 Minor delay in start up due to COVID19.

<b>Project Milestones</b>	<b>AFE</b> 201812	<b>Sub Bid Doc</b> 201812	<b>Completion</b> 11-May-2020	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201809	<b>Equip RFQ</b> 201812	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 18 Months
		<b>Kick-Off</b> 201812		

**Engineering**

**Contracting**                      Electrical                      Environmental                      Instrumentation Mechanical                      Structural

**Project Key Needs** Civil/Site                      Structural                      Control Room

Instrumentation	Electrical	Mechanical	Storage	NDE
Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps
Communications				Transportation

**Matter Phase**                      Liquid

**Energy**

**Buy** Electricity

**Sell**

# Exhibit GPLDC-1b

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Apr-2023
<b>WTX Senior Operations Manager Crude, NGL</b>		No	
<b>Maintenance Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Apr-2023
<b>WTX Senior Operations Manager Crude, NGL</b>		No	
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	Apr-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	William Crochet	[Phn.] +1 713 395 6340	Apr-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 713 395 6340	Apr-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	William Crochet	[Phn.] +1 713 395 6340	Apr-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Utilities Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Apr-2023
<b>WTX Senior Operations Manager Crude, NGL</b>		No	
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	Apr-2023
		No	annagorshkovasmith

## Historical Reports

Project Name	Report Date	TIV	Phase
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	10-Mar-2017	50,000,000 USD	Project Justification (P1 - 16)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	23-Jan-2018	50,000,000 USD	Project Justification (P1 - 16)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Jul-2018	50,000,000 USD	Permitting (P2 - 18)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Dec-2018	50,000,000 USD	Permitting (P2 - 18)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	14-Dec-2018	50,000,000 USD	Construction - Merit Shop (C1 - 36)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Aug-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	15-Jan-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Feb-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	04-Mar-2020	15,000,000 USD	Final Commissioning (C1 - 40)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Apr-2020	15,000,000 USD	Final Commissioning (C1 - 40)
CRANE GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	11-May-2020	15,000,000 USD	Completion/Start-Up (C1 - 41)



\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<p><b>Industry Code</b> 02 Terminals  <b>TIV (USD)</b> 15,000,000  <b>SIC Code</b> 5171 Petroleum Bulk Stations &amp; Terminals  <b>SIC Product</b> 5171*0003 Crude Petroleum Storage  <b>Market Trends</b> Impacted by COVID-19  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Oil Storage  <b>Last Update</b> 11-May-2020    <b>Initial Release</b> 10-Mar-2017  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unior</p>
<p><b>Project Capacity</b>                      <b>Planned</b> 100,000 BBL of Crude Oil Storage</p>	



<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Upton Crude &amp; Condensate Terminal  <b>Plant ID</b> 3238597  <b>Location</b> 2354 E Farm to Market 2401  <b>City/State</b> Midkiff, Texas 79755 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>    <b>Phone</b> +1 210 569 6696  <b>Zone/County</b> TX*06, Upton</p>
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**Project Responsibility Project Company**

**Project Manager** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 300  
 San Antonio, Texas 78258  
 U.S.A.

**Project Contact**  
 Grant Terry  
Project Engineer - Pipeline  
[Tel.] +1 210 495 5577  
[E-Mail] ; [LinkedIn] grant-terry-35974311a

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
 San Antonio, Texas 78258  
 U.S.A.

Justin Gordon  
 Vice President Engineering & Operations  
 [Tel.] +1 210 569 6696  
 [E-Mail] justin.gordon@texstarlogistics.com ;  
 [LinkedIn] justin-gordon-2a213241

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
 San Antonio, Texas 78258  
 U.S.A.

Phillip Mezey  
 Chief Executive Officer  
 [Tel.] +1 210 569 6696  
 [E-Mail] phil.mezey@texstarlogistics.com

**G/C** MPG Pipeline Contractors LLC  
 16770 Imperial Valley, Suite 105  
 Houston, Texas 770660  
 U.S.A.

Bruce Ainsworth  
 Operations Manager  
 [Tel.] +1 713 904 1168 x9910  
 [E-Mail] bainsworth@mpg-plc.com

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Robert Mares  
 Field Superintendent  
 [Tel.] +1 979 542 9054  
 [E-Mail] robert.mares@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal. DETAILS: Construct (2) 50,000 BBL aboveground storage tanks plus (2) truck unloading racks to collect Eagle Ford shale crude oil and condensate for transport to Corpus Christi via planned 730-mile 600,000 BBL/d Epic Pipeline (Project ID: 300340737). REQUIRES: Site Preparation, Foundations, Tank Pads, Plate Steel, Pipe Racks, Control Valves, Headers, Metering, Truck Unloading, Coatings, Painting, Electrical Utilities, Pumps, Motors, Fire Protection, MCC Modifications plus Controls. ENVIRONMENTAL: (A) Leak Detection, Flare Tie-Ins, Vapor Recovery; (L) Containment, Liners, Dikes.

**Schedule** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal and releases remaining Equipment RFQ's plus Sub Contractor Bid Documents 4Q18 (Dec) - 4Q19 (Oct). Construction Commenced 4Q18 (Dec). Expected Project Completion 2Q20 (May).

**Details** Apr-2020 Minor delay in Startup due to COVID19.

<b>Project Milestones</b>	<b>AFE</b> 201812	<b>Sub Bid Doc</b> 201812	<b>Completion</b> 11-May-2020	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201809	<b>Equip RFQ</b> 201812	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 18 Months
		<b>Kick-Off</b> 201812		

<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation	Mechanical    Structural
<b>Project Key Needs</b>	Civil/Site	Structural	Control Room	
	Instrumentation	Electrical	Mechanical	Storage    NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves    Pumps
	Communications			Transportation

**Matter Phase**                      Liquid

**Energy**

**Buy** Electricity

**Sell**

## Exhibit GPLDC-1b

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	May-2023
<b>WTX Senior Operations Manager Crude, NGL</b>		No	
<b>Maintenance Manager</b>	Cliff Self	[Phn.] +1 210 569 6696	May-2023
<b>Pipeline Operations Manager</b>		No	cliff-self-9571681b8
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	May-2023
	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Brad Baker	[Phn.] +1 210 920 2255 / [Alt.] +1 210 784 7386	May-2023
<b>Director of Technical Services</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 713 395 6340	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	William Crochet	[Phn.] +1 713 395 6340	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Utilities Manager</b>	Cliff Self	[Phn.] +1 210 569 6696	May-2023
<b>Pipeline Operations Manager</b>		No	cliff-self-9571681b8
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 713 395 6340	May-2023
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	10-Mar-2017	50,000,000 USD	Project Justification (P1 - 16)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	23-Jan-2018	50,000,000 USD	Project Justification (P1 - 16)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Jul-2018	50,000,000 USD	Permitting (P2 - 18)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Dec-2018	50,000,000 USD	Permitting (P2 - 18)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	14-Dec-2018	50,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Aug-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	15-Jan-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Feb-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	04-Mar-2020	15,000,000 USD	Final Commissioning (C1 - 40)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Apr-2020	15,000,000 USD	Final Commissioning (C1 - 40)
MIDLAND GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	11-May-2020	15,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVIN  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<p><b>Industry Code</b> 02 Terminals  <b>TIV (USD)</b> 15,000,000  <b>SIC Code</b> 5171 Petroleum Bulk Stations &amp; Terminals  <b>SIC Product</b> 5171*0003 Crude Petroleum Storage  <b>Market Trends</b> Impacted by COVID-19  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Oil Storage  <b>Last Update</b> 11-May-2020    <b>Initial Release</b> 10-Mar-2017  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unior</p>
<p><b>Project Capacity</b>                      <b>Planned</b> 100,000 BBL of Crude Oil Storage</p>	



<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Cooks Point Crude Oil &amp; Condensate Terminal  <b>Plant ID</b> 3238584  <b>Location</b> FM 1362 South of Cooks Point  <b>City/State</b> Cooks Point, Texas 77836 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>    <b>Phone</b> +1 210 495 5577  <b>Zone/County</b> TX*03, Burleson</p>
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Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 300 San Antonio, Texas 78258 U.S.A.	Grant Terry Project Engineer - Pipeline [Tel.] +1 210 495 5577 [E-Mail] ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b>	EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 569 6696 [E-Mail] justin.gordon@texstarlogistics.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b>	EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Phillip Mezey Chief Executive Officer [Tel.] +1 210 569 6696 [E-Mail] phil.mezey@texstarlogistics.com
<b>G/C</b>	MPG Pipeline Contractors LLC 16770 Imperial Valley, Suite 105 Houston, Texas 770660 U.S.A.	Bruce Ainsworth Operations Manager [Tel.] +1 713 904 1168 x9910 [E-Mail] bainsworth@mpg-plc.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Robert Mares Field Superintendent [Tel.] +1 979 542 9054 [E-Mail] robert.mares@pumpco.cc

<b>PEC® Timing</b> C1	<b>PEC® Activity</b> Completion/Start-Up
<b>Project Probability</b> Completed (100%)	
<b>Scope</b> EPIC Midstream with MPG Pipeline Contractors (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal. DETAILS: Construct (2) 50,000 BBL aboveground storage tanks plus (2) truck unloading racks to collect Eagle Ford shale crude oil and condensate for transport to Corpus Christi via planned 730-mile 600,000 BBL/d Epic Pipeline (Project ID: 300340737). REQUIRES: Site Preparation, Foundations, Tank Pads, Plate Steel, Pipe Racks, Control Valves, Headers, Metering, Truck Unloading, Coatings, Painting, Electrical Utilities, Pumps, Motors, Fire Protection, MCC Modifications plus Controls. ENVIRONMENTAL: (A) Leak Detection, Flare Tie-Ins, Vapor Recovery; (L) Containment, Liners, Dikes.	
<b>Schedule</b> EPIC Midstream with MPG Pipeline Contractors continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal and releases remaining Equipment RFQ's plus Sub Contractor Bid Documents 4Q18 (Dec). Construction Commenced 4Q18 (Dec). Expected Project Completion 2Q20 (May).	
<b>Details</b> Apr-2020 Minor delay in Start up due to COVID19.	

<b>Project Milestones</b>	<b>AFE 201810</b>	<b>Sub Bid Doc 201812</b>	<b>Completion 11-May-2020</b>	<b>Precision MONTH</b>
	<b>Long-Lead 201809</b>	<b>Equip RFQ 201812</b>	<b>Kickoff Slippage 9 Months</b>	<b>Duration 18 Months</b>
		<b>Kick-Off 201812</b>		
<b>Engineering</b> Civil	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Contracting</b> Civil	Electrical	Environmental	Instrumentation Mechanical	Structural General [G/C]
<b>Project Key Needs</b> Civil/Site	Structural			
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Pumps
	Communications		Valves	Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				

Buy Electricity  
Sell

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Grover Clifton	[Phn.] +1 210 920 2255	May-2023
<b>VP Operations</b>		No	
<b>Maintenance Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	May-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Brad Baker	[Phn.] +1 210 920 2255 / [Alt.] +1 210 784 7386	May-2023
<b>Facilities Engineer Supervisor</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 210 920 2255	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	William Crochet	[Phn.] +1 210 920 2255	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Utilities Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	May-2023
		No	annagorshkovasmith

## Historical Reports

Project Name	Report Date	TIV	Phase
ARTESIA WELLS GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	10-Mar-2017	50,000,000 USD	Project Justification (P1 - 16)
ARTESIA WELLS GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	23-Jan-2018	50,000,000 USD	Project Justification (P1 - 16)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	13-Jul-2018	50,000,000 USD	Permitting (P2 - 18)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	06-Dec-2018	50,000,000 USD	Permitting (P2 - 18)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	11-Dec-2018	50,000,000 USD	Construction - Merit Shop (C1 - 36)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	30-Jul-2019	50,000,000 USD	Construction - Merit Shop (C1 - 36)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	13-Aug-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	15-Jan-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	13-Feb-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	04-Mar-2020	15,000,000 USD	Final Commissioning (C1 - 40)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	06-Apr-2020	15,000,000 USD	Final Commissioning (C1 - 40)
COOKS POINT GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIVING TERMINAL	11-May-2020	15,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<p><b>Industry Code</b> 02 Terminals  <b>TIV (USD)</b> 50,000,000  <b>SIC Code</b> 5171 Petroleum Bulk Stations &amp; Terminals  <b>SIC Product</b> 5171*0003 Crude Petroleum Storage  <b>Market Trends</b> Impacted by COVID-19  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Oil Storage  <b>Last Update</b> 11-May-2020    <b>Initial Release</b> 10-Mar-2017  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unior</p>
<p><b>Project Capacity</b>                      <b>Planned</b> 100,000 BBL of Crude Oil Storage</p>	



<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Helena Crude Oil &amp; Condensate Terminal  <b>Plant ID</b> 3238594  <b>Location</b> Route 81 Southeast of Helena  <b>City/State</b> Helena, Texas 78830 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>  <b>Phone</b> +1 210 569 6696  <b>Zone/County</b> TX*09, Karnes</p>
--	--

**Project Responsibility Project Company**

**Project Contact**

<p><b>Project Manager</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 300          San Antonio, Texas 78258          U.S.A.</p>	<p>Grant Terry  <b>Project Engineer - Pipeline</b>          [Tel.] +1 210 495 5577  <b>[E-Mail]</b> ; [LinkedIn] grant-terry-35974311a</p>
<p><b>Project Executive</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 275          San Antonio, Texas 78258          U.S.A.</p>	<p>Justin Gordon          Vice President Engineering &amp; Operations          [Tel.] +1 210 495 5577  <b>[E-Mail]</b> justin.gordon@texstarlogistics.com ;          [LinkedIn] justin-gordon-2a213241</p>
<p><b>Project Executive</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 275          San Antonio, Texas 78258          U.S.A.</p>	<p>Phillip Mezey          Chief Executive Officer          [Tel.] +1 210 495 5577  <b>[E-Mail]</b> phil.mezey@texstarlogistics.com</p>
<p><b>G/C</b> MPG Pipeline Contractors LLC          16770 Imperial Valley, Suite 105          Houston, Texas 770660          U.S.A.</p>	<p>Bruce Ainsworth          Operations Manager          [Tel.] +1 713 904 1168 x9910  <b>[E-Mail]</b> bainsworth@mpg-plc.com</p>
<p><b>G/C</b> Pumpco Incorporated          P O Box 742          Giddings, Texas 78942          U.S.A.</p>	<p>Robert Mares          Field Superintendent          [Tel.] +1 979 542 9054  <b>[E-Mail]</b> robert.mares@pumpco.cc</p>

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal. DETAILS: Construct (2) 50,000 BBL aboveground storage tanks plus (2) truck unloading racks to collect Eagle Ford shale crude oil and condensate for transport to Corpus Christi via planned 730-mile 600,000 BBL/d Epic Pipeline (Project ID: 300340737).REQUIRES: Site Preparation, Foundations, Tank Pads, Plate Steel, Pipe Racks, Control Valves, Headers, Metering, Truck Unloading, Coatings, Painting, Electrical Utilities, Pumps, Motors, Fire Protection, MCC Modifications plus Controls. ENVIRONMENTAL: (A) Leak Detection, Flare Tie-Ins, Vapor Recovery; (L) Containment, Liners, Dikes.

**Schedule** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal and releases remaining Equipment RFQ's plus Sub Contractor Bid Documents 4Q18 (Dec) - 4Q19 (Oct). Construction Commenced 4Q18 (Dec). Expected Project Completion 2Q20 (May).

**Details** Apr-2020 Minor delay in startup due to COVID19.

<b>Project Milestones</b>	<b>AFE</b> 201812	<b>Sub Bid Doc</b> 201812	<b>Completion</b> 11-May-2020	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201812	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 18 Months
		<b>Kick-Off</b> 201812		
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Structural	Control Room	
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Pumps
	Communications			Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b>	Electricity			
<b>Sell</b>				

## Exhibit GPLDC-1b

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Robert McQuarrie	[Phn.] +1 210 425 4871 / [Alt.] +1 830 203 9806	Apr-2023
<b>STX Terminal Operations Manager</b>	robert.mcquarrie@epicmid.com	No	robert-mcquarrie-527031a7
<b>Maintenance Manager</b>	Robert McQuarrie	[Phn.] +1 210 425 4871 / [Alt.] +1 830 203 9806	Apr-2023
<b>STX Terminal Operations Manager</b>	robert.mcquarrie@epicmid.com	No	robert-mcquarrie-527031a7
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	Apr-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Brad Baker	[Phn.] +1 210 495 5577 / [Alt.] +1 210 784 7386	Apr-2023
<b>Facilities Engineer Supervisor</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 210 920 2255	Apr-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	William Crochet	[Phn.] +1 210 920 2255	Apr-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Utilities Manager</b>	Robert McQuarrie	[Phn.] +1 210 425 4871 / [Alt.] +1 830 203 9806	Apr-2023
<b>STX Terminal Operations Manager</b>	robert.mcquarrie@epicmid.com	No	robert-mcquarrie-527031a7
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	Apr-2023
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
BIG WELLS GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	10-Mar-2017	50,000,000 USD	Project Justification (P1 - 16)
BIG WELLS GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	23-Jan-2018	50,000,000 USD	Project Justification (P1 - 16)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Jul-2018	50,000,000 USD	Permitting (P2 - 18)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Dec-2018	50,000,000 USD	Permitting (P2 - 18)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	14-Dec-2018	50,000,000 USD	Construction - Merit Shop (C1 - 36)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	30-Jul-2019	50,000,000 USD	Construction - Merit Shop (C1 - 36)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Aug-2019	50,000,000 USD	Construction - Merit Shop (C1 - 36)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	15-Jan-2020	50,000,000 USD	Construction - Merit Shop (C1 - 36)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	13-Feb-2020	50,000,000 USD	Construction - Merit Shop (C1 - 36)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	04-Mar-2020	50,000,000 USD	Final Commissioning (C1 - 40)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	06-Apr-2020	50,000,000 USD	Final Commissioning (C1 - 40)
HELENA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	11-May-2020	50,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TE  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 02 Terminals	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 15,000,000	
<b>SIC Code</b> 5171 Petroleum Bulk Stations & Terminals	<b>Sector</b> Crude Oil Storage
<b>SIC Product</b> 5171*0003 Crude Petroleum Storage	
<b>Market Trends</b> Impacted by COVID-19	
<b>Status</b> Complete / Done	<b>Last Update</b> 11-May-2020 <b>Initial Release</b> 10-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Non-Union
	<b>Operations Labor Preference</b> Union, Non-Union
<b>Project Capacity</b> <b>Planned</b> 100,000 BBL of Crude Oil Storage	



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> Saragosa EPIC Crude Oil and Condensate Terminal	<b>Unit Name</b>
<b>Plant ID</b> 3238601	
<b>Location</b> Southeast of Saragosa	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Saragosa, Texas 79772 U.S.A.	<b>Zone/County</b> TX*06, Reeves

Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 300 San Antonio, Texas 78258 U.S.A.	Grant Terry <b>Project Engineer - Pipeline</b> [Tel.] +1 210 495 5577 [E-Mail] ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b>	EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 495 5577 [E-Mail] justin.gordon@texstarlogistics.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b>	EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Phillip Mezey Chief Executive Officer [Tel.] +1 210 495 5577 [E-Mail] phil.mezey@texstarlogistics.com
<b>G/C</b>	MPG Pipeline Contractors LLC 16770 Imperial Valley, Suite 105 Houston, Texas 770660 U.S.A.	Bruce Ainsworth Operations Manager [Tel.] +1 713 904 1168 x9910 [E-Mail] bainsworth@mpg-plc.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Robert Mares Field Superintendent [Tel.] +1 979 542 9054 [E-Mail] robert.mares@pumpco.cc

<b>PEC® Timing</b> C1	<b>PEC® Activity</b> Completion/Start-Up
<b>Project Probability</b> Completed (100%)	
<b>Scope</b> EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal. DETAILS: Construct (2) 50,000 BBL aboveground storage tanks plus (2) truck unloading racks to collect Eagle Ford shale crude oil and condensate for transport to Corpus Christi via planned 730-mile 600,000 BBL/d Epic Pipeline (Project ID: 300340737). REQUIRES: Site Preparation, Foundations, Tank Pads, Plate Steel, Pipe Racks, Control Valves, Headers, Metering, Truck Unloading, Coatings, Painting, Electrical Utilities, Pumps, Motors, Fire Protection, MCC Modifications plus Controls. ENVIRONMENTAL: (A) Leak Detection, Flare Tie-Ins, Vapor Recovery; (L) Containment, Liners, Dikes.	
<b>Schedule</b> EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal and releases remaining Equipment RFQ's plus Sub Contractor Bid Documents 4Q18 (Dec) - 4Q19 (Oct). Construction Commenced 4Q18 (Dec). Expected Project Completion 2Q20 (May).	
<b>Details</b> Apr-2020 Minor delay in startup due to COVID19.	

<b>Project Milestones</b>	<b>AFE</b> 201812	<b>Sub Bid Doc</b> 201812	<b>Completion</b> 11-May-2020	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201809	<b>Equip RFQ</b> 201812	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 18 Months
		<b>Kick-Off</b> 201812		
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Structural	Control Room	
	Instrumentation	Electrical	Mechanical	Storage
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves
	Communications			NDE
				Pumps
				Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b>	Electricity			
<b>Sell</b>				

## Exhibit GPLDC-1b

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Maintenance Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	May-2023
	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	William Crochet	[Phn.] +1 713 395 6340	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Environmental Manager</b>	Derek Jones	[Phn.] +1 912 236 1579	May-2022
<b>Environmental Health and Safety Coordinator</b>	derekjones@imtt.com	No	derekarthurjones
<b>Safety Manager</b>	Derek Jones	[Phn.] +1 912 236 1579	May-2022
<b>Environmental Health and Safety Coordinator</b>	derekjones@imtt.com	No	derekarthurjones
<b>Utilities Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	May-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 713 395 6340	May-2023
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
PECOS GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	10-Mar-2017	50,000,000 USD	Project Justification (P1 - 16)
PECOS GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	23-Jan-2018	50,000,000 USD	Project Justification (P1 - 16)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	13-Jul-2018	50,000,000 USD	Permitting (P2 - 18)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	06-Dec-2018	50,000,000 USD	Permitting (P2 - 18)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	14-Dec-2018	50,000,000 USD	Construction - Merit Shop (C1 - 36)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	30-Jul-2019	50,000,000 USD	Construction - Merit Shop (C1 - 36)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	02-Oct-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	15-Jan-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	13-Feb-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	04-Mar-2020	15,000,000 USD	Final Commissioning (C1 - 40)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	06-Apr-2020	15,000,000 USD	Final Commissioning (C1 - 40)
SARAGOSA GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	11-May-2020	15,000,000 USD	Completion/Start-Up (C1 - 41)



\*Any data highlighted in red below is data that has been added or updated in the last release of the project



**Project Name** GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<p><b>Industry Code</b> 02 Terminals  <b>TIV (USD)</b> 15,000,000  <b>SIC Code</b> 5171 Petroleum Bulk Stations &amp; Terminals  <b>SIC Product</b> 5171*0003 Crude Petroleum Storage  <b>Market Trends</b> Impacted by COVID-19  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Oil Storage  <b>Last Update</b> 11-May-2020    <b>Initial Release</b> 10-Mar-2017  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unior  <b>Project Capacity</b>                      <b>Planned</b> 100,000 BBL of Crude Oil Storage</p>
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<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Gardendale Crude Oil &amp; Condensate Terminal  <b>Plant ID</b> 3238587  <b>Location</b> I-35 Frontage Road Address  <b>City/State</b> Cotulla, Texas 78014 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>  <b>Phone</b> +1 210 569 6696  <b>Zone/County</b> TX*09, La Salle</p>
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**Project Responsibility Project Company**

**Project Manager** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 300  
 San Antonio, Texas 78258  
 U.S.A.

**Project Contact**  
 Grant Terry  
Project Engineer - Pipeline  
 [Tel.] +1 210 495 5577  
[E-Mail] ; [LinkedIn] grant-terry-35974311a

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
 San Antonio, Texas 78258  
 U.S.A.

Justin Gordon  
 Vice President Engineering & Operations  
 [Tel.] +1 210 495 5577  
[E-Mail] justin.gordon@texstarlogistics.com ;  
[LinkedIn] justin-gordon-2a213241

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
 San Antonio, Texas 78258  
 U.S.A.

Phillip Mezey  
 Chief Executive Officer  
 [Tel.] +1 210 495 5577  
[E-Mail] phil.mezey@texstarlogistics.com

**G/C** MPG Pipeline Contractors LLC  
 16770 Imperial Valley, Suite 105  
 Houston, Texas 770660  
 U.S.A.

Bruce Ainsworth  
 Operations Manager  
 [Tel.] +1 713 904 1168 x9910  
[E-Mail] bainsworth@mpg-plc.com

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Robert Mares  
 Field Superintendent  
 [Tel.] +1 979 542 9054  
[E-Mail] robert.mares@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal. DETAILS: Construct (2) 50,000 BBL aboveground storage tanks plus (2) truck unloading racks to collect Eagle Ford shale crude oil and condensate for transport to Corpus Christi via planned 730-mile 600,000 BBL/d Epic Pipeline (Project ID: 300340737). REQUIRES: Site Preparation, Foundations, Tank Pads, Plate Steel, Pipe Racks, Control Valves, Headers, Metering, Truck Unloading, Coatings, Painting, Electrical Utilities, Pumps, Motors, Fire Protection, MCC Modifications plus Controls. ENVIRONMENTAL: (A) Leak Detection, Flare Tie-Ins, Vapor Recovery; (L) Containment, Liners, Dikes.

**Schedule** EPIC Midstream with MPG Pipeline Contractors (G/C) and Pumpco Incorporated (G/C) continues Construction for a Grassroot Crude Oil and Condensate Receipt Terminal and releases remaining Equipment RFQ's plus Sub Contractor Bid Documents 4Q18 (Dec) - 4Q19 (Oct). Construction Commenced 4Q18 (Dec). Expected Project Completion 2Q20 (May).

**Details** Apr-2020 Minor delay in startup due to COVID19.

Project Milestones	AFE 201812	Sub Bid Doc 201812	Completion 11-May-2020	Precision MONTH
<b>Long-Lead</b> 201809	<b>Equip RFQ</b> 201812	<b>Kick-Off</b> 201812	<b>Kickoff Slippage</b> 9 Months	<b>Duration</b> 18 Months
<b>Engineering Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Structural	NDE	Pumps
	Instrumentation	Electrical	Valves	Transportation
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	
	Communications			
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b>	Electricity			
<b>Sell</b>				

## Exhibit GPLDC-1b

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	Apr-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Maintenance Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	Apr-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	Apr-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Brad Baker	[Phn.] +1 210 784 7386	Apr-2023
<b>Facilities Engineer Supervisor</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Environmental Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	Apr-2023
<b>Manager Crude Terminals</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Safety Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	Apr-2023
<b>Manager Crude Terminals</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Utilities Manager</b>	Normand 'Norm' Racicot	[Phn.] +1 210 779 9190 / [Alt.] +1 361 542 0079	Apr-2023
<b>Terminal Operations Manager</b>	normand.racicot@epicmid.com	No	norm-racicot-85aa0697
<b>Human Resource Manager</b>	Jessica Roy	[Phn.] +1 210 569 6696	Apr-2023
<b>Executive Assistant</b>	jessica.roy@epicmid.com	No	jessica-roy-21487244

### Historical Reports

Project Name	Report Date	TIV	Phase
CATARINA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	10-Mar-2017	50,000,000 USD	Project Justification (P1 - 16)
CATARINA GRASSROOT EPIC CRUDE OIL AND CONDENSATE TERMINAL	23-Jan-2018	50,000,000 USD	Project Justification (P1 - 16)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	13-Jul-2018	50,000,000 USD	Permitting (P2 - 18)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	06-Dec-2018	50,000,000 USD	Permitting (P2 - 18)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	14-Dec-2018	50,000,000 USD	Construction - Merit Shop (C1 - 36)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	30-Jul-2019	50,000,000 USD	Construction - Merit Shop (C1 - 36)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	13-Aug-2019	15,000,000 USD	Construction - Merit Shop (C1 - 36)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	15-Jan-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	13-Feb-2020	15,000,000 USD	Construction - Merit Shop (C1 - 36)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	04-Mar-2020	15,000,000 USD	Final Commissioning (C1 - 40)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	06-Apr-2020	15,000,000 USD	Final Commissioning (C1 - 40)
GARDENDALE GRASSROOT EPIC CRUDE OIL AND CONDENSATE RECEIPT TERMINAL	11-May-2020	15,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300341015



**Project Name** DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)

**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Market Trends</b> Impacted by COVID-19	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020
<b>Environmental</b> Air (A) Land (L)	<b>Initial Release</b> 15-Mar-2017
	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 590,000 BBL/d of Crude Oil



<b>Plant Owner</b> Epic Consolidated Operations LLC	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> EPIC Gardendale Crude Oil Pump Station	<b>Unit Name</b> Divot 01 EM Divot 02 EM
<b>Plant ID</b> 3238426	
<b>Location</b> I-35 Frontage Road	<b>Phone</b> +1 210 920 2255
<b>City/State</b> Cotulla, Texas 78014 U.S.A.	<b>Zone/County</b> TX*09, La Salle

**Project Responsibility Project Company**

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 300  
 San Antonio, Texas 78258  
 U.S.A.

**Project Contact**

Justin Gordon  
 Vice President Engineering & Operations  
 [Tel.] +1 210 495 5577  
 [E-Mail] justin.gordon@epicmid.com ; [LinkedIn] justin-gordon-2a213241

**Project Manager** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 300  
 San Antonio, Texas 78258  
 U.S.A.

Grant Terry  
 Project Engineer - Pipeline  
 [Tel.] +1 210 495 5577  
 [E-Mail] ; [LinkedIn] grant-terry-35974311a

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Epic Midstream awards Pumpco (G/C) and continues with Construction for a Grassroot Crude Oil Pump Station. DETAILS: Construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 590,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Piling, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** EPIC Midstream in conjunction with Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Subcontractor Bid Documents through 1Q20 (Jan). Construction Commenced 4Q19 (Dec). Expected Project Completion 1Q20 (Feb).

**Details** Apr-2020 Startup is delayed due to COVID-19.

<b>Project Milestones</b>	<b>AFE</b> 201910	<b>Sub Bid Doc</b> 202001	<b>Completion</b> 28-Feb-2020	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201912	<b>Kickoff Slippage</b> 21 Months	<b>Duration</b> 3 Months

<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation	Mechanical
<b>Project Key Needs</b>	Structural			
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves
	Communications			Pumps
				Transportation

**Matter Phase** Liquid

**Energy**

**Buy** Electricity

**Sell**

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	May-2023
<b>Senior Operations Manager</b>		No	
<b>Maintenance Manager</b>	Cliff Self	[Phn.] +1 210 569 6696	May-2023
<b>Pipeline Operations Manager</b>		No	cliff-self-9571681b8
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	May-2023
	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615

## Exhibit GPLDC-1b

<b>Engineering Manager</b>	Colton Gisler	[Phn.] +1 210 920 2255	May-2023
<b>Integrity Engineer</b>		No	colton-gisler-692828186
<b>Environmental Manager</b>	Grover Clifton	[Phn.] +1 210 920 2255	May-2023
<b>Vice President Operations</b>		No	
<b>Safety Manager</b>	Brad Taylor	[Phn.] +1 713 395 6340	May-2023
<b>Director of Safety, Security, and Training</b>		No	brad-taylor-csp-0410b047
<b>Utilities Manager</b>	Grover Clifton	[Phn.] +1 210 920 2255	May-2023
<b>Vice President Operations</b>		No	
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 713 395 6340	May-2023
		No	annagorshkovasmith
<b>Technical Services Manager</b>	Brad Baker	[Phn.] +1 210 920 2255 / [Alt.] +1 210 784 7386	May-2023
<b>Vice President of Technical Services</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a

### Historical Reports

Project Name	Report Date	TIV	Phase
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Apr-2018	40,000,000 USD	Economic Evaluation (P1 - 04)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	26-Nov-2018	40,000,000 USD	Permitting (P2 - 18)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Permitting (P2 - 18)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	09-Dec-2019	40,000,000 USD	Construction - Merit Shop (C1 - 36)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	04-Mar-2020	40,000,000 USD	Final Commissioning (C1 - 40)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	07-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
DIVOT GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Apr-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300340737



**Project Name** GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 350,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0001 Crude Oil Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020 <b>Initial Release</b> 10-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Non-Union
	<b>Operations Labor Preference</b> Union, Non-Unioir
<b>Project Capacity</b>	<b>Planned</b> 200,000 BBL/d of Crude Oil



**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	235	Miles (mi)	16	Inches (in)

<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> Girvin EPIC Crude Oil Pump Station	<b>Unit Name</b>
<b>Plant ID</b> 3238216	
<b>Location</b> Northwest of Girvin	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Girvin, Texas 79740 U.S.A.	<b>Zone/County</b> TX*06, Pecos

**Project Responsibility Project Company Project Contact**

<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 300 San Antonio, Texas 78258 U.S.A.	<b>Project Contact</b> Grant Terry Project Engineer - Pipeline [Tel.] +1 210 495 5577 [E-Mail] ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	<b>Project Contact</b> Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 569 6696 [E-Mail] justin.gordon@texstarlogistics.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	<b>Project Contact</b> Phillip Mezey Chief Executive Officer [Tel.] +1 210 569 6696 [E-Mail] phil.mezey@texstarlogistics.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	<b>Project Contact</b> Robert Mares Field Superintendent [Tel.] +1 979 542 9054 [E-Mail] robert.mares@pumpco.cc

**PEC® Timing** C1 **PEC® Activity** Completion/Start-Up  
**Project Probability** Completed (100%)

**Scope** EPIC Midstream awards Pumpco Incorporated (G/C) and continues with Construction for a Grassroot Crude Oil Pipeline. DETAILS: Construct 235 miles of 30" diameter crude oil transmission pipe (Spreads 1 & 3) to transport 600,000 BBL/d (expandable to 900,000 BBL/d) Permian Basin and Eagle Ford Shale crude oil from origin points in Orla, Saragosa, Crane and Midland, TX to Gardendale, TX as well as from Cook's Point and Helena, TX for transport on to Robstown near Corpus Christi, TX. REQUIRES: Excavation, Trenching, Transmission Pipe, SCADA, Block & Control Valves, Cathodic Protection, Coatings, Pig Launching, Piping, Metering, Utilities, and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** EPIC Midstream in Conjunction with Pumpco continues with Construction and releases remaining Equipment RFQ's and Subcontractor Bid Packages 4Q18 (Oct) through 2Q19 (Apr). Construction Commenced 4Q18 (Oct). Scheduled Project Completion 1Q20 (Feb).

<b>Project Milestones</b>	<b>AFE</b> 201809	<b>Sub Bid Doc</b> 201904	<b>Completion</b> 28-Feb-2020	<b>Precision</b> MONTH
<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201810	<b>Kick-Off</b> 201810	<b>Kickoff Slippage</b> 7 Months	<b>Duration</b> 17 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>				
Instrumentation	Electrical	Mechanical		NDE
Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	
Communications				Transportation
<b>Matter Phase</b>	<b>Material Handling</b>			
<b>Energy</b>	Liquid			
<b>Buy</b> Electricity				
<b>Sell</b>				

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
-------------------------	---------------------	-------------------	---------------------

## Exhibit GPLDC-1b

<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	May-2023
<b>Senior Operations Manager</b>		No	matt-warren-5833a7220
<b>Maintenance Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	May-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	William Crochet	[Phn.] +1 713 395 6340	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 210 920 2255	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	Brad Taylor	[Phn.] +1 713 395 6340	May-2023
<b>Director of Safety, Security, and Training</b>		No	brad-taylor-csp-0410b047
<b>Utilities Manager</b>	Brad Baker	[Phn.] +1 210 495 5577 / [Alt.] +1 210 784 7386	May-2023
<b>Facilities Engineer Supervisor</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	May-2023
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE	10-Mar-2017	750,000,000 USD	Project Justification (P1 - 16)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE	28-Jun-2017	750,000,000 USD	Permitting (P2 - 18)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE	23-Jan-2018	750,000,000 USD	Permitting (P2 - 18)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	15-Mar-2018	350,000,000 USD	Detailed Engineering (E2 - 31)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	27-Jun-2018	350,000,000 USD	Purchasing (E2 - 21)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	26-Oct-2018	350,000,000 USD	Construction - Merit Shop (C1 - 36)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	10-Dec-2018	350,000,000 USD	Construction - Merit Shop (C1 - 36)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	21-Nov-2019	350,000,000 USD	Construction - Merit Shop (C1 - 36)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	15-Jan-2020	350,000,000 USD	Construction - Merit Shop (C1 - 36)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	13-Feb-2020	350,000,000 USD	Construction - Merit Shop (C1 - 36)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	04-Mar-2020	350,000,000 USD	Final Commissioning (C1 - 40)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	07-Apr-2020	350,000,000 USD	Final Commissioning (C1 - 40)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	13-Apr-2020	350,000,000 USD	Final Commissioning (C1 - 40)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE (SPREAD 1 & 3)	23-Apr-2020	350,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300341223**



**Project Name** ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)

**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020
	<b>Initial Release</b> 15-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Non-Union
	<b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 590,000 BBL/d of Crude Oil



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> Orange Grove EPIC Crude Oil Pump Station	<b>Unit Name</b> Orange Grove 01 EM Orange Grove 02 EM
<b>Plant ID</b> 3238573	
<b>Location</b> East of Orange Grove	<b>Phone</b> +1 210 920 2255
<b>City/State</b> Orange Grove, Texas 78372 U.S.A.	<b>Zone/County</b> TX*05, Jim Wells

**Project Responsibility Project Company**

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 300  
 San Antonio, Texas 78258  
 U.S.A.

**Project Contact**

Justin Gordon  
 Vice President Engineering & Operations  
 [Tel.] +1 210 495 5577  
 [E-Mail] justin.gordon@epicmid.com ; [LinkedIn] justin-gordon-2a213241

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 300  
 San Antonio, Texas 78258  
 U.S.A.

Grant Terry  
 Project Engineer - Pipeline  
 [Tel.] +1 210 495 5577  
 [E-Mail] ; [LinkedIn] grant-terry-35974311a

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Epic Midstream awards Pumpco (G/C) and continues with Construction for a Grassroot Crude Oil Pump Station. DETAILS: Construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 590,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Piling, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** EPIC Midstream in conjunction with Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Subcontractor Bid Documents through 1Q20 (Jan). Construction Commenced 4Q19 (Dec). Expected Project Completion 1Q20 (Feb).

**Details** Apr-2020 No Current Impact.

<b>Project Milestones</b>	<b>AFE</b> 201910	<b>Sub Bid Doc</b> 202001	<b>Completion</b> 28-Feb-2020	<b>Precision</b> MONTH
	<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201912	<b>Kickoff Slippage</b> 21 Months	<b>Duration</b> 3 Months

<b>Engineering Contracting</b>	Electrical	Environmental	Mechanical
<b>Project Key Needs</b>	Instrumentation	Electrical	Mechanical
	Piping/Fittings	Insulation/Coatings	Environmental Utilities
	Communications		Valves
			NDE
			Pumps
			Transportation

**Matter Phase** Liquid

**Energy**  
 Buy Electricity  
 Sell

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Grover Clifton	[Phn.] +1 210 920 2255	Apr-2023
<b>VP Operations</b>		No	
<b>Maintenance Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	Apr-2023
	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Joshua Sanchez	[Phn.] +1 713 395 6340	Apr-2023

## Exhibit GPLDC-1b

<b>Process Engineer</b>		No	joshuaasanchez
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 713 395 6340	Apr-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	Brad Taylor	[Phn.] +1 713 395 6340	Apr-2023
<b>Director of Safety, Security, and Training</b>		No	brad-taylor-csp-0410b047
<b>Utilities Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 713 395 6340	Apr-2023
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	26-Nov-2018	40,000,000 USD	Permitting (P2 - 18)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Permitting (P2 - 18)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	09-Dec-2019	40,000,000 USD	Construction - Merit Shop (C1 - 36)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	08-Apr-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Apr-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
ORANGE GROVE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Apr-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)

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# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

## Capital PEC Report

Project ID: 300341019



**Project Name** LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)

**Umbrella Project Count** 21

### Umbrella Project Summary

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Market Trends</b> Impacted by COVID-19	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020
<b>Environmental</b> Air (A) Land (L)	<b>Initial Release</b> 15-Mar-2017
	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 590,000 BBL/d of Crude Oil



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> EPIC Crude Oil Pump Station	<b>Unit Name</b> La Pryor 01 EM La Pryor 02 EM
<b>Plant ID</b> 3238425	
<b>Location</b> South of La Pryor	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Sonora, Texas 78872 U.S.A.	<b>Zone/County</b> TX*06, Sutton

### Project Responsibility Project Company

### Project Contact

<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Brad Baker Project Manager - Facilities [Tel.] +1 210 569 6696 x317 [E-Mail] brad.k.baker@epicmid.com ; [LinkedIn] brad-baker-3124621a
<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Grant Terry Project Engineer [Tel.] +1 210 569 6696 [E-Mail] grant.terry@texstarlogistics.com ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 569 6696 [E-Mail] justin.gordon@texstarlogistics.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Phillip Mezey Chief Executive Officer [Tel.] +1 210 569 6696 [E-Mail] phil.mezey@texstarlogistics.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** EPIC Midstream Holdings with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. DETAILS: As part of Phase 1 of EPIC Crude Pipeline Facilities Construction, construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 590,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Piling, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** EPIC Midstream Holdings with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. EPIC with Pumpco (G/C) releases remaining Equipment RFQ's and Subcontractor Bid Documents through 4Q19 (Dec). Construction Commenced 1Q19 (Mar). Expected Project Completion 1Q20 (Feb).

**Details** Apr-2020 Startup is delayed due to COVID-19.

<b>Project Milestones</b>	<b>AFE</b> 201808	<b>Sub Bid Doc</b> 201903	<b>Completion</b> 28-Feb-2020	<b>Precision</b> MONTH
<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201903	<b>Kick-Off</b> 201903	<b>Kickoff Slippage</b> 12 Months	<b>Duration</b> 12 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Structural		
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Pumps
	Communications			Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b> Electricity				
<b>Sell</b>				

Plant Standard Contacts

## Exhibit GPLDC-1b

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Maintenance Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Purchasing Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Engineering Manager</b>	Brad Baker	[Phn.] +1 210 495 5577 / [Alt.] +1 210 784 7386	May-2023
<b>Director of Technical Services</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Environmental Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Safety Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Utilities Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Human Resource Manager</b>	Jessica Roy	[Phn.] +1 210 569 6696	May-2023
<b>Executive Assistant</b>	jessica.roy@epicmid.com	No	jessica-roy-21487244

### Historical Reports

Project Name	Report Date	TIV	Phase
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	14-Aug-2018	40,000,000 USD	Purchasing (E2 - 21)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Purchasing (E2 - 21)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	06-Mar-2019	40,000,000 USD	Construction - Merit Shop (C1 - 36)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Jan-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Feb-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	04-Mar-2020	40,000,000 USD	Final Commissioning (C1 - 40)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	07-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
LA PRYOR GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Apr-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300341009



**Project Name** DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020 <b>Initial Release</b> 15-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 590,000 BBL/d of Crude Oil



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> Del Rio EPIC Crude Oil Pump Station	<b>Unit Name</b> Del Rio 01 EM Del Rio 02 EM
<b>Plant ID</b> 3238231	
<b>Location</b> West of Route 277	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Del Rio, Texas 78840 U.S.A.	<b>Zone/County</b> TX*09, Val Verde

**Project Responsibility Project Company**

**Project Contact**

<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Brad Baker Project Manager - Facilities [Tel.] +1 210 920 2255 x317 [E-Mail] brad.k.baker@epicmid.com ; [LinkedIn] brad-baker-3124621a
<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Grant Terry Project Engineer [Tel.] +1 210 569 6696 [E-Mail] grant.terry@texstarlogistics.com ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 569 6696 [E-Mail] justin.gordon@texstarlogistics.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Phillip Mezey Chief Executive Officer [Tel.] +1 210 569 6696 [E-Mail] phil.mezey@texstarlogistics.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1 **PEC® Activity** Completion/Start-Up  
**Project Probability** Completed (100%)

**Scope** EPIC Midstream Holdings with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. DETAILS: As part of Phase 1 of EPIC Crude Pipeline Facilities Construction, construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 590,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Piling, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** EPIC Midstream Holdings with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. EPIC with Pumpco (G/C) releases remaining Equipment RFQ's and Subcontractor Bid Documents through 4Q19 (Dec). Construction Commenced 1Q19 (Mar). Expected Project Completion 1Q20 (Feb).

<b>Project Milestones</b>	<b>AFE</b> 201808	<b>Sub Bid Doc</b> 201903	<b>Completion</b> 28-Feb-2020	<b>Precision</b> MONTH
<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201903	<b>Kick-Off</b> 201903	<b>Kickoff Slippage</b> 12 Months	<b>Duration</b> 12 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Structural		
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves
	Communications			Pumps
<b>Matter Phase</b>	Liquid			Transportation
<b>Energy</b>				
<b>Buy</b> Electricity				
<b>Sell</b>				

**Plant Standard Contacts**

<b>Functional/Actual Title</b>	<b>Contact Name/E-mail</b>	<b>Telephone/On-site</b>	<b>QC Date/LinkedIn ID</b>
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# Exhibit GPLDC-1b

<b>Plant Manager</b>	Dwight Vandola	[Phn.] +1 210 920 2255	May-2023
		No	
<b>Maintenance Manager</b>	Dwight Vandola	[Phn.] +1 210 920 2255	May-2023
<b>Plant Manager</b>		No	
<b>Purchasing Manager</b>	Kevin Chavez	[Phn.] +1 210 495 5577	May-2023
		No	kevin-chavez-88a88916a
<b>Engineering Manager</b>	Justin Gordon	[Phn.] +1 210 495 5577	May-2023
		No	justin-gordon-2a213241
<b>Environmental Manager</b>	Dwight Vandola	[Phn.] +1 210 920 2255	May-2023
<b>Plant Manager</b>		No	
<b>Safety Manager</b>	Dwight Vandola	[Phn.] +1 210 920 2255	May-2023
<b>Plant Manager</b>		No	
<b>Utilities Manager</b>	Dwight Vandola	[Phn.] +1 210 920 2255	May-2023
<b>Plant Manager</b>		No	
<b>Human Resource Manager</b>	Jessica Roy	[Phn.] +1 210 569 6696	May-2023
<b>Executive Assistant</b>	jessica.roy@epicmid.com	No	jessica-roy-21487244

## Historical Reports

Project Name	Report Date	TIV	Phase
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Apr-2018	40,000,000 USD	Economic Evaluation (P1 - 04)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	14-Aug-2018	40,000,000 USD	Purchasing (E2 - 21)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Purchasing (E2 - 21)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	06-Mar-2019	40,000,000 USD	Construction - Merit Shop (C1 - 36)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Jan-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Feb-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	04-Mar-2020	40,000,000 USD	Final Commissioning (C1 - 40)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	07-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
DEL RIO GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Apr-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300340741**



**Project Name** GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020 <b>Initial Release</b> 15-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Union, Non-Unior
	<b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 600,000 BBL/d of Crude Oil



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> Girvin EPIC Crude Oil Pump Station	<b>Unit Name</b> Girvin 01 EM Girvin 02 EM
<b>Plant ID</b> 3238216	
<b>Location</b> Northwest of Girvin	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Girvin, Texas 79740 U.S.A.	<b>Zone/County</b> TX*06, Pecos

**Project Responsibility Project Company**

**Project Contact**

<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Brad Baker Project Manager - Facilities [Tel.] +1 210 920 2255 [E-Mail] brad.k.baker@epicmid.com ; [LinkedIn] brad-baker-3124621a
<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Grant Terry Project Engineer - Pipeline [Tel.] +1 210 569 6696 [E-Mail] ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 569 6696 [E-Mail] justin.gordon@epicmid.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	Phillip Mezey Chief Executive Officer [Tel.] +1 210 569 6696 [E-Mail] phil.mezey@epicmid.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** EPIC Midstream Holdings with Pumpco (G/C) continues Expediting for a Grassroot Crude Oil Pump Station. DETAILS:As part of Phase 1 of EPIC Crude Pipeline Facilities Construction, construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 600,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Pilings, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** EPIC Midstream Holdings with Pumpco (G/C) continues Expediting through 1Q19 (Jan). EPIC with Pumpco (G/C) releases remaining Equipment RFQ's and Subcontractor Bid Documents 4Q18 (Dec). Scheduled Construction Kick-Off 1Q19 (Mar). Expected Project Completion 1Q20 (Feb).

<b>Project Milestones</b>	<b>AFE</b> 201808	<b>Sub Bid Doc</b> 201812	<b>Completion</b> 28-Feb-2020	<b>Precision</b> MONTH
<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201812	<b>Kick-Off</b> 201903	<b>Kickoff Slippage</b> 12 Months	<b>Duration</b> 12 Months
<b>Engineering</b>				
<b>Contracting</b> Civil	Electrical	Environmental	Instrumentation Mechanical	Structural General [G/C]
<b>Project Key Needs</b> Civil/Site	Structural	Control Room		
Instrumentation	Electrical	Mechanical		NDE
Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps
Communications				Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b> Electricity				
<b>Sell</b>				

**Plant Standard Contacts**

<b>Functional/Actual Title</b>	<b>Contact Name/E-mail</b>	<b>Telephone/On-site</b>	<b>QC Date/LinkedIn ID</b>
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## Exhibit GPLDC-1b

<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	May-2023
<b>Senior Operations Manager</b>		No	matt-warren-5833a7220
<b>Maintenance Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	May-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	May-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	William Crochet	[Phn.] +1 713 395 6340	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 210 920 2255	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	Brad Taylor	[Phn.] +1 713 395 6340	May-2023
<b>Director of Safety, Security, and Training</b>		No	brad-taylor-csp-0410b047
<b>Utilities Manager</b>	Brad Baker	[Phn.] +1 210 495 5577 / [Alt.] +1 210 784 7386	May-2023
<b>Facilities Engineer Supervisor</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	May-2023
		No	annagorshkovasmith

### Historical Reports

Project Name	Report Date	TIV	Phase
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Apr-2018	40,000,000 USD	Economic Evaluation (P1 - 04)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	14-Aug-2018	40,000,000 USD	Purchasing (E2 - 21)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Expediting (E2 - 33)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Dec-2018	40,000,000 USD	Expediting (E2 - 33)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	12-Dec-2019	40,000,000 USD	Expediting (E2 - 33)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Jan-2020	40,000,000 USD	Expediting (E2 - 33)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Feb-2020	40,000,000 USD	Expediting (E2 - 33)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	04-Mar-2020	40,000,000 USD	Final Commissioning (C1 - 40)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	07-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
GIRVIN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Apr-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300341207



**Project Name** TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Market Trends</b> Impacted by COVID-19	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020 <b>Initial Release</b> 15-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Non-Union <b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 590,000 BBL/d of Crude Oil



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> EPIC Crude Oil Pump Station	<b>Unit Name</b> Tilden 01 EM Tilden 02 EM
<b>Plant ID</b> 3238568	
<b>Location</b> South of Tilden	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Rocksprings, Texas 78072 U.S.A.	<b>Zone/County</b> TX*09, Edwards

**Project Responsibility Project Company**

**Project Contact**

<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	<b>Project Contact</b> Brad Baker Project Manager - Facilities [Tel.] +1 210 920 2255 x317 [E-Mail] brad.k.baker@epicmid.com ; [LinkedIn] brad-baker-3124621a
<b>Project Manager</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	<b>Project Contact</b> Grant Terry Project Engineer [Tel.] +1 210 569 6696 [E-Mail] grant.terry@texstarlogistics.com ; [LinkedIn] grant-terry-35974311a
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	<b>Project Contact</b> Justin Gordon Vice President Engineering & Operations [Tel.] +1 210 569 6696 [E-Mail] justin.gordon@texstarlogistics.com ; [LinkedIn] justin-gordon-2a213241
<b>Project Executive</b> EPIC Midstream Holdings, LP 18615 Tuscany Stone, Suite 275 San Antonio, Texas 78258 U.S.A.	<b>Project Contact</b> Phillip Mezey Chief Executive Officer [Tel.] +1 210 569 6696 [E-Mail] phil.mezey@texstarlogistics.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	<b>Project Contact</b> Derek Kieschnick Project Estimator [Tel.] +1 979 542 9054 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1 **PEC® Activity** Completion/Start-Up  
**Project Probability** Completed (100%)

**Scope** EPIC Midstream Holdings with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. DETAILS:As part of Phase 1 of EPIC Crude Pipeline Facilities Construction, construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 590,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Piling, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** EPIC Midstream Holdings with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. EPIC with Pumpco (G/C) releases remaining Equipment RFQ's and Subcontractor Bid Documents through 4Q19 (Dec). Construction Commenced 1Q19 (Mar). Expected Project Completion 1Q20 (Feb).

**Details** Apr-2020 Startup is delayed due to COVID-19.

<b>Project Milestones</b>	<b>AFE</b> 201808	<b>Sub Bid Doc</b> 201903	<b>Completion</b> 28-Feb-2020	<b>Precision</b> MONTH
<b>Long-Lead</b> 201810	<b>Equip RFQ</b> 201903	<b>Kick-Off</b> 201903	<b>Kickoff Slippage</b> 12 Months	<b>Duration</b> 12 Months
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Project Key Needs</b>	Civil/Site	Structural	Control Room	
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Pumps
	Communications			Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b> Electricity				
<b>Sell</b>				

# Exhibit GPLDC-1b

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Maintenance Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Purchasing Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Engineering Manager</b>	Brad Baker	[Phn.] +1 210 920 2255 / [Alt.] +1 210 784 7386	Apr-2023
<b>Facilities Engineer Supervisor</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Environmental Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Safety Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Utilities Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Apr-2023
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Human Resource Manager</b>	Jessica Roy	[Phn.] +1 210 569 6696	Apr-2023
<b>Executive Assistant</b>	jessica.roy@epicmid.com	No	jessica-roy-21487244

## Historical Reports

Project Name	Report Date	TIV	Phase
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	14-Aug-2018	40,000,000 USD	Purchasing (E2 - 21)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Purchasing (E2 - 21)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	06-Mar-2019	40,000,000 USD	Construction - Merit Shop (C1 - 36)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Jan-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Feb-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	04-Mar-2020	40,000,000 USD	Final Commissioning (C1 - 40)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	07-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
TILDEN GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Apr-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)



# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300341011

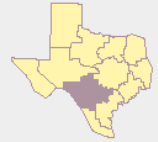


**Project Name** BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION  
**Umbrella Project Name** EPIC CRUDE OIL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 21

### Umbrella Project Summary

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 40,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0003 Crude Oil Pump Stations	
<b>Status</b> Complete / Done	<b>Last Update</b> 23-Apr-2020
	<b>Initial Release</b> 15-Mar-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 600,000 BBL/d of Crude Oil



<b>Plant Owner</b> EPIC Midstream Holdings, LP	<b>Plant Parent</b> EPIC Midstream Holdings, LP
<b>Plant Name</b> Epic Brackettville Crude Oil Pump Station	<b>Unit Name</b> Brackettville 01 EM Brackettville 02 EM
<b>Plant ID</b> 3238422	
<b>Location</b> West of Brackettville	<b>Phone</b> +1 210 569 6696
<b>City/State</b> Brackettville, Texas 78832 U.S.A.	<b>Zone/County</b> TX*09, Kinney

### Project Responsibility Project Company

**Project Manager** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
 San Antonio, Texas 78258  
 U.S.A.

### Project Contact

Grant Terry  
 Project Engineer  
 [Tel.] +1 210 569 6696  
 [E-Mail] grant.terry@texstarlogistics.com ;  
 [LinkedIn] grant-terry-35974311a

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
 San Antonio, Texas 78258  
 U.S.A.

Justin Gordon  
 Vice President Engineering & Operations  
 [Tel.] +1 210 569 6696  
 [E-Mail] justin.gordon@texstarlogistics.com ;  
 [LinkedIn] justin-gordon-2a213241

**Project Executive** EPIC Midstream Holdings, LP  
 18615 Tuscany Stone, Suite 275  
 San Antonio, Texas 78258  
 U.S.A.

Phillip Mezey  
 Chief Executive Officer  
 [Tel.] +1 210 569 6696  
 [E-Mail] phil.mezey@texstarlogistics.com

**G/C** Pumpco Incorporated  
 P O Box 742  
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 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

### PEC® Timing C1

### PEC® Activity Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Epic Midstream with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. DETAILS: Construct buildings and install (2) 1,000 hp electric motor-driven pump packages to support the planned 730-mile 600,000 BBL/d EPIC pipeline (Project ID 300340737). REQUIRES: Site Preparation, Foundations, Pilings, Pipeline Headers, Manifolds, Buildings, Overhead Cranes, Electric Motor-Driven Pump Packages, Lube Oil System, Control Valves, Block Valves, Gear Boxes, Piping, Metering plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Epic Midstream with Pumpco (G/C) continues Construction for a Grassroot Crude Oil Pump Station. Epic with Pumpco (G/C) releases remaining Equipment RFQ's and Subcontractor Bid Documents through 4Q18 (Dec). Construction Commenced 4Q18 (Dec). Expected Project Completion 1Q20 (Feb).

Project Milestones	AFE 201810	Sub Bid Doc 201811	Completion 28-Feb-2020	Precision MONTH
<b>Long-Lead 201810</b>	<b>Equip RFQ 201811</b>	<b>Kick-Off 201812</b>	<b>Kickoff Slippage 9 Months</b>	<b>Duration 15 Months</b>
<b>Engineering</b> Civil	Electrical	Environmental	Instrumentation Mechanical	Structural
<b>Contracting</b> Civil	Electrical	Environmental	Instrumentation Mechanical	Structural General [G/C]
<b>Project Key Needs</b> Civil/Site				
Instrumentation	Electrical	Mechanical		NDE
Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps
Communications				Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b> Electricity				
<b>Sell</b>				

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Grover Clifton	[Phn.] +1 210 920 2255	May-2023
<b>VP Operations</b>		No	
<b>Maintenance Manager</b>	Grover Clifton	[Phn.] +1 210 920 2255	May-2023

# Exhibit GPLDC-1b

<b>VP Operations</b>		No	
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	May-2023
<b>Procurement Manager</b>	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	William Crochet	[Phn.] +1 713 395 6340	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 713 395 6340	May-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	Brad Taylor	[Phn.] +1 713 395 6340	May-2023
<b>Director of Safety, Security, and Training</b>		No	brad-taylor-csp-0410b047
<b>Utilities Manager</b>	Grover Clifton	[Phn.] +1 210 920 2255	May-2023
<b>VP Operations</b>		No	
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	May-2023
		No	annagorshkovasmith

## Historical Reports

Project Name	Report Date	TIV	Phase
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Mar-2017	40,000,000 USD	Project Justification (P1 - 16)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Jan-2018	40,000,000 USD	Project Justification (P1 - 16)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	27-Jun-2018	40,000,000 USD	Permitting (P2 - 18)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	10-Dec-2018	40,000,000 USD	Construction - Merit Shop (C1 - 36)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	11-Dec-2018	40,000,000 USD	Construction - Merit Shop (C1 - 36)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	12-Dec-2019	40,000,000 USD	Construction - Merit Shop (C1 - 36)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	15-Jan-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Feb-2020	40,000,000 USD	Construction - Merit Shop (C1 - 36)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	04-Mar-2020	40,000,000 USD	Final Commissioning (C1 - 40)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	07-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	13-Apr-2020	40,000,000 USD	Final Commissioning (C1 - 40)
BRACKETTVILLE GRASSROOT EPIC CRUDE OIL PIPELINE PUMP STATION	23-Apr-2020	40,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

<b>Capital PEC Report</b>	<b>Project ID: 300389675</b>
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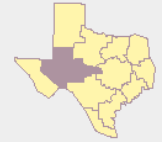


**Project Name** ORLA GRASSROOT EPIC NGL PIPELINE PHASE II  
**Umbrella Project Name** EPIC Y-GRADE NGL PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 19

**Umbrella Project Summary** The Y-Grade Pipeline project will connect 170,000 barrels per day of fractionation capacity at the terminus of the pipeline in Robstown, Texas.

<p><b>Industry Code</b> 03 Oil &amp; Gas Pipelines  <b>TIV (USD)</b> 360,000,000  <b>SIC Code</b> 4922 Natural Gas Transmission</p> <p><b>SIC Product</b> 4922*0010 Natural Gas Liquids Pipeline  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Natural Gas Liquids Pipelines</p> <p><b>Last Update</b> 15-Jan-2020    <b>Initial Release</b> 12-Oct-2017  <b>Construction Labor Preference</b> Union, Non-Unior  <b>Operations Labor Preference</b> Union, Non-Unior</p>
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### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	128	Miles (mi)	16	Inches (in)

<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Orla NGL Pump Station  <b>Plant ID</b> 3278237  <b>Location</b> North of Orla  <b>City/State</b> Orla, Texas 79770 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>  <b>Phone</b> +1 210 920 2255  <b>Zone/County</b> TX*06, Reeves</p>
--	--

#### Project Responsibility Project Company

#### Project Contact

<p><b>Project Executive</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 180          San Antonio, Texas 78258          U.S.A.</p> <p><b>Project Director</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 180          San Antonio, Texas 78258          U.S.A.</p> <p><b>Project Manager</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 180          San Antonio, Texas 78258          U.S.A.</p> <p><b>G/C</b> Pumpco Incorporated          P O Box 742          Giddings, Texas 78942          U.S.A.</p>	<p>Phillip Mezey          Chief Executive Officer          [Tel.] +1 210 495 5577          [E-Mail] phil.mezey@epicmid.com</p> <p>Justin Gordon          Vice President Engineering &amp; Operations          [Tel.] +1 210 495 5577          [E-Mail] justin.gordon@epicmid.com ; [LinkedIn] justin-gordon-2a213241</p> <p>Grant Terry          Project Engineer - Pipeline          [Tel.] +1 210 495 5577          [E-Mail] ; [LinkedIn] grant-terry-35974311a</p> <p>Derek Kieschnick          Project Estimator          [Tel.] +1 979 542 9054          [E-Mail] derek.kieschnick@pumpco.cc</p>
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<b>PEC® Timing</b> C1	<b>PEC® Activity</b> Completion/Start-Up
<b>Project Probability</b> Completed (100%)	

**Scope** Epic NGL Pipeline (indirect subsidiary of Texstar Midstream) with Pumpco Incorporated (Pipeline Construction) continues construction for a Grassroot NGL Pipeline. DETAILS: As part of the EPIC NGL pipeline, construct 650 miles of 12"- and 16"-diameter transmission pipe (roughly 128 miles from Delaware Basin Midstream's Ramsey Plant (Plant ID 3240172) to Benedum, TX) to transport 450,000 BBL/d of Permian Basin and Eagle Ford natural gas liquids from Loving, NM to Corpus Christi, TX. REQUIRES: Trenching, Transmission Pipe, Cathodic Protection, Coatings, MCC, Pig Launching/Receiving, Utilities, Metering, Block Valves, Control Valves plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Epic NGL with Pumpco continues construction through 1Q19 (Mar). Construction Commenced 2Q18 (Apr). Expected Project Completion 1Q20 (Jan).

	Long-Lead	Equip RFQ	Sub Bid Doc	Completion	Precision
<b>Project Milestones</b>	201712	201804	201804	31-Jan-2019	MONTH
<b>Engineering</b> Civil	Electrical	Environmental		Instrumentation Mechanical	
<b>Contracting</b>	Electrical	Environmental		Instrumentation	
<b>Project Key Needs</b> Civil/Site					
Instrumentation	Electrical	Mechanical		NDE	
Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves		
Communications				Transportation	
<b>Matter Phase</b>	Liquid				
<b>Energy</b>					
<b>Buy</b> Electricity					
<b>Sell</b>					

#### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Jun-2023
<b>Senior Operations Manager</b>		No	matt-warren-5833a7220

## Exhibit GPLDC-1b

<b>Maintenance Manager</b>	Cliff Self	[Phn.] +1 210 569 6696	Jun-2023
<b>Pipeline Operations Manager</b>		No	cliff-self-9571681b8
<b>Purchasing Manager</b>	Travis McGloughlin	[Phn.] +1 210 920 2255	Jun-2023
	travis.mcgloughlin@epicmid.com	No	travis-mcgloughlin-593b5615
<b>Engineering Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Jun-2023
<b>Senior Operations Manager Crude, NGL</b>		No	matt-warren-5833a7220
<b>Environmental Manager</b>	William Crochet	[Phn.] +1 210 920 2255	Jun-2023
<b>Vice President, Engineering, Asset Integrity, Environmental, Health, &amp; Safety</b>		No	william-crochet-50a25b146
<b>Safety Manager</b>	Brad Taylor	[Phn.] +1 713 395 6340	Jun-2023
<b>Director of Safety, Security, and Training</b>		No	brad-taylor-csp-0410b047
<b>Utilities Manager</b>	Matt Warren	[Phn.] +1 210 620 4593	Jun-2023
<b>Plant Manager</b>		No	matt-warren-5833a7220
<b>Human Resource Manager</b>	Natalia Johnson	[Phn.] +1 210 569 6696	Jun-2023
<b>Human Resource Coordinator</b>		No	nat-johnson

### Historical Reports

Project Name	Report Date	TIV	Phase
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II TX PORTION	12-Oct-2017	180,000,000 USD	Planning and Scheduling (E2 - 25)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II TX PORTION	09-Mar-2018	180,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II TX PORTION	12-Apr-2018	180,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	27-Jun-2018	180,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	10-Dec-2018	180,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	15-Mar-2019	180,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	18-Apr-2019	180,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	15-Aug-2019	180,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	20-Nov-2019	360,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	11-Dec-2019	360,000,000 USD	Construction - Merit Shop (C1 - 36)
ORLA GRASSROOT EPIC NGL PIPELINE PHASE II	15-Jan-2020	360,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300348696**



**Project Name** SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE  
**Umbrella Project Name** SHIN OAK NGL PIPELINE

[PEC Activity Diagram](#)

**Umbrella Project Count** 12

**Umbrella Project Summary**

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Grassroot
<b>TIV (USD)</b> 950,000,000	
<b>SIC Code</b> 4922 Natural Gas Transmission	<b>Sector</b> Natural Gas Liquids Pipelines
<b>SIC Product</b> 4922*0010 Natural Gas Liquids Pipeline	
<b>Status</b> Complete / Done	<b>Last Update</b> 13-Dec-2019
	<b>Initial Release</b> 12-Apr-2017
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Unconfirmed
	<b>Operations Labor Preference</b> Union, Non-Unior
<b>Project Capacity</b>	<b>Planned</b> 550 BBL/d of Natural Gas Liquids (NGL)



**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	571	Miles (mi)	24	Inches (in)

<b>Plant Owner</b> Enterprise Products Partners LP	<b>Plant Parent</b> Enterprise Products Partners LP
<b>Plant Name</b> Garden City NGL Pump Station	<b>Unit Name</b>
<b>Plant ID</b> 3244164	
<b>Location</b> 15 Miles North East of Garden City	<b>Phone</b> +1 575 393 4328
<b>City/State</b> Garden City, Texas 79739 U.S.A.	<b>Zone/County</b> TX*06, Glasscock

**Project Responsibility Project Company**

**Project Contact**

**Project Manager** Enterprise Products Partners LP  
 PO Box 4324  
 Houston, Texas 77210-4324  
 U.S.A.

Scott Canterbury  
 Project Manager  
 [Tel.] +1 713 381 6500  
 [E-Mail]

**Contracts Administrator** Enterprise Products Partners LP  
 1100 Louisiana Suite 1600  
 Houston, Texas 77002  
 U.S.A.

Corey Humphrey  
 Sourcing Specialist  
 [Tel.] +1 713 381 6500  
 [E-Mail] chumphrey@eprod.com

**G/C** MPG Pipeline Contractors LLC  
 16770 Imperial Valley, Suite 105  
 Houston, Texas 770660  
 U.S.A.

Bruce Ainsworth  
 Operations Manager  
 [Tel.] +1 713 904 1168  
 [E-Mail] bainsworth@mpg-plc.com

**G/C** Primoris  
 1010 County Road 59  
 Rosharon, Texas 77583  
 U.S.A.

Regina Lucas  
 Construction Project Manager  
 [Tel.] +1 281 431 5900  
 [E-Mail] rlucas@prim.com

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

**G/C** Troy Construction LLC  
 162 Caddo Drive Suite 110  
 Abilene, Texas 79602  
 U.S.A.

Ryan Kramer  
 Project Manager  
 [Tel.] +1 325 676 8214

**G/C** Nc Contractors Incorporated  
 2497 West Interstate Inn  
 Wallisville, Texas 77597  
 U.S.A.

Cameron Jameson  
 Construction Superintendent  
 [Tel.] +1 713 202 4292

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Enterprise Products Partners awards MPG Contractors (G/C) - (Spread (1) - 120 miles), Primoris Services (G/C) - (Spread (2) & (3) - 185 miles), Troy Construction (G/C) - (Spread (4) & (5) - 125 miles), Pumpco Incorporated (G/C) (Spread (6) & (7) - 95 miles), Nc Contractors (G/C) (Spread 8) - 50 miles) and continues with Construction for a Grassroot NGL Pipeline. DETAILS: As part of the Shin Oak Pipeline project, construct 571 miles of 24"-diameter transmission pipeline from Enterprise's Hobbs NGL Fractionator and storage facility (Plant ID 1066668) in Gains City, TX to Enterprises' Mont Belvieu fractionation complex (Plant ID 1517384) to transport 550,000 BBL/d (expandable to 600,000 BBL/d) of Permian Basin NGL's. REQUIRES: Trenching, Excavating, 24"-Diameter Transmission Pipe, Block & Control Valves, Cathodic Protection, Coatings, Pig Launching, Piping, Metering, Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Enterprise Products with MPG, Primoris, Troy, Pumpco and Nc Contractor continues with Construction Activities and releases remaining Construction Subcontractor Bid Packages 4Q18 (Oct) through 1Q19 (Feb). Construction Commenced 4Q18 (Oct). Expected Project Completion 4Q19 (Dec).

**Project Milestones**

**AFE** 201804

**Sub Bid Doc** 201902

**Completion** 15-Feb-2019

**Precision** MONTH

# Exhibit GPLDC-1b

	<b>Long-Lead 201801</b>	<b>Equip RFQ 201810</b>	<b>Kick-Off 201810</b>	<b>Kickoff Slippage 1 Months</b>	<b>Duration 5 Months</b>
<b>Engineering Contracting</b>	Electrical	Environmental		Instrumentation Mechanical	
<b>Project Key Needs</b>	Instrumentation	Electrical	Mechanical	Storage	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	
	Communications				Transportation
		<b>Material Handling</b>			
<b>Matter Phase</b>		Liquid			
<b>Energy</b>					
<b>Buy</b>	Electricity				
<b>Sell</b>					
<b>Project Fuel Type</b>	Natural Gas				

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Rex Morsey	[Phn.] +1 432 681 2609	Nov-2022
<b>Operations Manager</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Maintenance Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Nov-2022
<b>Operations Manager</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Purchasing Manager</b>	Rex Morsey	[Phn.] +1 432 681 2609	Nov-2022
<b>Operations Manager</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Engineering Manager</b>	Israel Silva	[Phn.] +1 713 880 6500 / [Alt.] +1 281 240 5100	Nov-2022
	isilva@eprod.com	No	
<b>Environmental Manager</b>	Christopher Spore	[Phn.] +1 432 221 7746	Nov-2022
	cspore@eprod.com	No	christopher-spore-p-g-61320b22
<b>Safety Manager</b>	Christopher Spore	[Phn.] +1 432 221 7746	Nov-2022
<b>Environmental Manager</b>	cspore@eprod.com	No	christopher-spore-p-g-61320b22
<b>Utilities Manager</b>	Rex Morsey	[Phn.] +1 432 681 2609	Nov-2022
<b>Operations Manager</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Human Resource Manager</b>	Esmeralda Galvan	[Phn.] +1 713 381 6500	Nov-2022
<b>Director of Human Resources</b>	egalvan@eprod.com	No	esmeralda-galvan-a7b92a4

### Historical Reports

Project Name	Report Date	TIV	Phase
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	12-Apr-2017	750,000,000 USD	Project Scope (P1 - 03)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	21-Apr-2017	750,000,000 USD	Project Scope (P1 - 03)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	15-Feb-2018	750,000,000 USD	Owner Review of Issue (P2 - 19)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	24-Apr-2018	750,000,000 USD	Purchasing (E2 - 21)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	27-Jun-2018	750,000,000 USD	Site Preparation (E2 - 26)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	29-Oct-2018	950,000,000 USD	Construction - Merit Shop (C1 - 36)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	19-Sep-2019	950,000,000 USD	Construction - Merit Shop (C1 - 36)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	15-Nov-2019	950,000,000 USD	Construction - Merit Shop (C1 - 36)
SEMINOLE GRASSROOT SHIN OAK NGL PIPELINE	13-Dec-2019	950,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300417156



**Project Name** COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIP  
**Umbrella Project Name** GULF COAST EXPRESS (GCX) PIPELINE

[PEC Activity Diagram](#)  
**Umbrella Project Count** 9

**Umbrella Project Summary** Gulf Coast Express is a 447.5-Mile 42-Inch 2Bcf/d Pipeline project originating at the Waha Hub near Coyanosa, Texas in the Permian Basin, and terminating near Aqua Dulce, Texas near the Gulf Coast.

**Industry Code** 03 Oil & Gas Pipelines

**Project Type** Grassroot

**TIV (USD)** 450,000,000

**SIC Code** 4922 Natural Gas Transmission

**Sector** Natural Gas Pipelines

**SIC Product** 4922\*0004 Natural Gas Pipelines

**Status** Complete / Done

**Last Update** 25-Sep-2019

**Initial Release** 09-Feb-2018

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Union, Non-Union



**Project Capacity** **Planned** 1,920 MMSCFD of Natural Gas, Gaseous (Methane)

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	192	Miles (mi)	42	Inches (in)

**Plant Owner** Kinder Morgan Texas Pipeline LLC

**Plant Parent** Kinder Morgan Incorporated

**Plant Name** Coyanosa Metering Station

**Unit Name**

**Plant ID** 3301911

**Location** West of Coyanosa

**Phone** +1 713 369 9000

**City/State** Coyanosa, Texas 79730 U.S.A.

**Zone/County** TX\*06, Pecos

### Project Responsibility Project Company

**Project Manager** Kinder Morgan Texas Pipeline LLC  
 1001 Louisiana Street Suite 1000  
 Houston, Texas 77002  
 U.S.A.

### Project Contact

Jason Hartman  
 Project Manager  
 [Tel.] +1 713 369 9000  
 [E-Mail] jason\_hartman@kindermorgan.com

**Project Manager** Kinder Morgan Texas Pipeline LLC  
 1001 Louisiana Street Suite 1000  
 Houston, Texas 77002  
 U.S.A.

John Towles  
 ROW Project Manager  
 [Tel.] +1 713 369 9000  
 [E-Mail] john\_towles@kindermorgan.com

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Derek Kieschnick  
 Project Estimator  
 [Tel.] +1 979 542 9054  
 [E-Mail] derek.kieschnick@pumpco.cc

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Kinder Morgan Texas Pipeline (KMTP) (subsidiary of Kinder Morgan Incorporated) awards Pumpco Inc (G/C) and proceeds with Construction on a Grassroot Natural Gas Pipeline. DETAILS: As part of the Gulf Coast Express Pipeline Project from the Permian Basin, install approximately 75 Miles of 42" diameter transmission pipeline (Spread 3) and 117 miles of 42" (Spread 4) to transport up to 1.92 Bcf/d of natural gas from Del Rio, TX to Agua Dulce, TX. REQUIRES: Trenching, Excavating, 42" Diameter Transmission Pipe, SCADA, Cathodic Protection, Coatings, Custody Transfers, MCC Mods, Control/Block Valves, Pig Launching and Receiving, (10) Metering Stations, Electrical Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.

**Schedule** KMTP in Conjunction with Pumpco continues with Construction Activities and releases remaining Equipment RFQ's and Subcontractor Bid Documents 1Q19 (Feb) through 2Q19 (May). Construction Commenced 1Q19 (Feb). Scheduled Project Completion 3Q19 (Sep).

Project Milestones	Long-Lead	Equip RFQ	Sub Bid Doc	Kick-Off	Completion	Precision
	201708	201902	201905	201902	25-Sep-2019	QUARTER
					Kickoff Slippage	Duration
					4 Months	8 Months
<b>Engineering</b>						
<b>Contracting</b>	Electrical	Environmental		Instrumentation	Mechanical	
<b>Project Key Needs</b>			Control Room			
	Instrumentation	Electrical	Mechanical		NDE	
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	Pumps	
	Communications				Transportation	
		Material Handling				
<b>Matter Phase</b>	Gas					
<b>Energy</b>						
<b>Buy</b>	Electricity					
<b>Sell</b>						

### Historical Reports

Project Name	Report Date	TIV	Phase
COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIPELINE (SPREAD 3 & 4)	09-Feb-2018	450,000,000 USD	Permitting (P2 - 18)
COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIPELINE (SPREAD 3 & 4)	29-Mar-2018	450,000,000 USD	Permitting (P2 - 18)
COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIPELINE (SPREAD 3 & 4)	30-Jul-2018	450,000,000 USD	Permitting (P2 - 18)

## Exhibit GPLDC-1b

COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIPELINE (SPREAD 3 & 4)	23-Oct-2018	450,000,000 USD	Permitting (P2 - 18)
COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIPELINE (SPREAD 3 & 4)	07-Feb-2019	450,000,000 USD	Construction - Merit Shop
COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIPELINE (SPREAD 3 & 4)	03-May-2019	450,000,000 USD	Construction - Merit Shop
COYANOSA GULF COAST EXPRESS (GCX) GRASSROOT NATURAL GAS PIPELINE (SPREAD 3 & 4)	25-Sep-2019	450,000,000 USD	Completion/Start-Up (C1)

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\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300389653**



**Project Name** LOVING GRASSROOT EPIC NGL PIPELINE PHASE I NM PORTION  
**Umbrella Project Name** EPIC Y-GRADE NGL PIPELINE

[PEC Activity Diagram](#)

**Umbrella Project Count** 19

**Umbrella Project Summary** The Y-Grade Pipeline project will connect 170,000 barrels per day of fractionation capacity at the terminus of the pipeline in Robstown, Texas.

<p><b>Industry Code</b> 03 Oil &amp; Gas Pipelines  <b>TIV (USD)</b> 20,000,000  <b>SIC Code</b> 4922 Natural Gas Transmission  <b>SIC Product</b> 4922*0010 Natural Gas Liquids Pipeline  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Natural Gas Liquids Pipelines  <b>Last Update</b> 10-Dec-2018 <b>Initial Release</b> 12-Oct-2017  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unioir  <b>Project Capacity</b> <b>Planned</b> 220,000 BBL/d of Natural Gas Liquids (NGL)</p>
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**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	16.50	Miles (mi)	12	Inches (in)

<p><b>Plant Owner</b> EPIC Midstream Holdings, LP  <b>Plant Name</b> Loving NGL Pump Station  <b>Plant ID</b> 3278228  <b>Location</b> 978 Bounds Road  <b>City/State</b> Loving, New Mexico 88256 U.S.A.</p>	<p><b>Plant Parent</b> EPIC Midstream Holdings, LP  <b>Unit Name</b>  <b>Phone</b> +1 210 920 2255  <b>Zone/County</b> NM*02, Eddy</p>
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**Project Responsibility Project Company**

**Project Contact**

<p><b>Project Manager</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 275          San Antonio, Texas 78258 U.S.A.</p> <p><b>Project Director</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 275          San Antonio, Texas 78258 U.S.A.</p> <p><b>Project Executive</b> EPIC Midstream Holdings, LP          18615 Tuscany Stone, Suite 275          San Antonio, Texas 78258 U.S.A.</p> <p><b>G/C</b> Pumpco Incorporated          P O Box 742          Giddings, Texas 78942 U.S.A.</p>	<p>Grant Terry          Project Engineer - Pipeline          [Tel.] +1 210 569 6696          [E-Mail] ; [LinkedIn] grant-terry-35974311a</p> <p>Justin Gordon          Vice President Engineering &amp; Operations          [Tel.] +1 210 569 6696          [E-Mail] justin.gordon@epicmid.com ; [LinkedIn] justin-gordon-2a213241</p> <p>Phillip Mezey          Chief Executive Officer          [Tel.] +1 210 569 6696          [E-Mail] phil.mezey@epicmid.com</p> <p>Derek Kieschnick          Project Estimator          [Tel.] +1 979 542 9054          [E-Mail] derek.kieschnick@pumpco.cc</p>
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**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Epic NGL Pipeline with Holloman Corporation (Pipeline Construction) continues Construction for a Grassroot NGL Pipeline. DETAILS: As part of the EPIC NGL pipeline, construct 650 miles of 12"- and 16"-diameter transmission pipe (16.5 miles of 12" in NM as Phase I between DLK's Black River Gas Plant (Plant ID 3218569) to Delaware Basin Midstream's Ramsay Plant (Plant ID 3046063) near Orla, TX) to transport 350,000 BBL/d of Permian Basin and Eagle Ford natural gas liquids from DLK's Black River Processing Plant near Malaga, NM to Corpus Christi, TX. **REQUIRES:** Trenching, Transmission Pipe, Cathodic Protection, Coatings, MCC, Pig Launching/Receiving, Utilities, Metering, Block Valves, Control Valves plus Controls. **ENVIRONMENTAL:** (A) Leak Detection; (L) Containment.

**Schedule** Epic NGL with Holloman continues Construction through 2Q18 (Apr). Construction Commenced 4Q17 (Oct). Scheduled Completion 2Q18 (Apr).

<b>Project Milestones</b>	<b>Long-Lead</b> 201712	<b>AFE</b> 201709	<b>Sub Bid Doc</b> 201804	<b>Completion</b> 15-Apr-2018	<b>Precision</b> MONTH
		<b>Equip RFQ</b> 201804	<b>Kick-Off</b> 201710	<b>Kickoff Slippage</b> -3 Months	<b>Duration</b> 7 Months
<b>Engineering</b> Civil	Electrical	Environmental		Instrumentation Mechanical	
<b>Contracting</b>	Electrical	Environmental		Instrumentation	
<b>Project Key Needs</b> Civil/Site					
Instrumentation	Electrical	Mechanical		NDE	
Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves		
Communications				Transportation	
<b>Matter Phase</b>	Liquid				
<b>Energy</b>					
<b>Buy</b>					
<b>Sell</b>					

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
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## Exhibit GPLDC-1b

<b>Plant Manager</b>	Matt Warren	[Phn.] +1 210 620 4593 / [Alt.] +1 210 920 2255	Dec-2022
<b>Senior Operations Manager Crude, NGL</b>		No	
<b>Maintenance Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Dec-2022
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Purchasing Manager</b>	Kevin Chavez	[Phn.] +1 210 920 2255	Dec-2022
		No	kevin-chavez-88a88916a
<b>Engineering Manager</b>	Brad Baker	[Phn.] +1 210 920 2255 / [Alt.] +1 210 784 7386	Dec-2022
<b>Facilities Engineer Supervisor</b>	brad.k.baker@epicmid.com	No	brad-baker-3124621a
<b>Environmental Manager</b>	Grover Clinton	[Phn.] +1 210 495 5577	Dec-2022
<b>Vice President, Operations</b>		No	
<b>Safety Manager</b>	Grover Clinton	[Phn.] +1 210 495 5577	Dec-2022
<b>Vice President, Operations</b>		No	
<b>Utilities Manager</b>	Cody Ward	[Phn.] +1 210 920 2255	Dec-2022
<b>WTX Pipeline Operations Supervisor</b>		No	cody-ward-95b642b3
<b>Human Resource Manager</b>	Anya Smith	[Phn.] +1 912 236 1579	Dec-2022
		No	annagorshkovasmith



### Historical Reports

Project Name	Report Date	TIV	Phase
LOVING GRASSROOT EPIC NGL PIPELINE PHASE II NM PORTION	12-Oct-2017	20,000,000 USD	Planning and Scheduling (E2 - 25)
LOVING GRASSROOT EPIC NGL PIPELINE PHASE II NM PORTION	09-Mar-2018	20,000,000 USD	Construction - Merit Shop (C1 - 36)
LOVING GRASSROOT EPIC NGL PIPELINE PHASE II NM PORTION	12-Apr-2018	20,000,000 USD	Construction - Merit Shop (C1 - 36)
LOVING GRASSROOT EPIC NGL PIPELINE PHASE I NM PORTION	25-Jun-2018	20,000,000 USD	Completion/Start-Up (C1 - 41)
LOVING GRASSROOT EPIC NGL PIPELINE PHASE I NM PORTION	10-Dec-2018	20,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300391714**

	<b>Project Name</b> DELAWARE BASIN GRASSROOT NATURAL GAS GATHERING LINE <b>Industry Code</b> 04 Production (Oil & Gas)	<a href="#">PEC Activity Diagram</a> 
	<b>TIV (USD)</b> 8,000,000 <b>SIC Code</b> 4922 Natural Gas Transmission <b>SIC Product</b> 4922*0004 Natural Gas Pipelines <b>Status</b> Complete / Done <b>Environmental</b> Air (A) Land (L)	<b>Project Type</b> Grassroot <b>Sector</b> Natural Gas Pipelines <b>Last Update</b> 22-Aug-2018 <b>Initial Release</b> 18-Oct-2017 <b>Construction Labor Preference</b> Unconfirmed <b>Operations Labor Preference</b> Non-Union

Pipeline Installation Details				
Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield		8 Miles (mi)		10 Inches (in)

<b>Plant Owner</b> Stateline Processing LLC <b>Plant Name</b> Stateline 'Reeves County' Natural Gas Processing Plant <b>Plant ID</b> 3257907 <b>Location</b> 4.26 miles Northeast of Orla, off County Road 652 <b>City/State</b> Orla, Texas 79772 U.S.A.	<b>Plant Parent Unit Name</b> Howard Midstream Energy Partners LLC <b>Phone</b> +1 855 979 2012 <b>Zone/County</b> TX*06, Reeves
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Project Responsibility Project Company	Project Contact
<b>Project Manager</b> Howard Midstream Energy Partners LLC 17806 IH 10 West Suite 210 San Antonio, Texas 78257-8222 U.S.A.	John Baumhardt Operations Manager [Tel.] +1 210 298 2222 [E-Mail] jbaumhardt@howardep.com
<b>Project Manager</b> Howard Midstream Energy Partners LLC 17806 IH 10 West Suite 210 San Antonio, Texas 78257-8222 U.S.A.	Brandon Burch VP Operations and Engineering [Tel.] +1 210 298 2222 [E-Mail] bburch@howardep.com (!)
<b>Project Manager</b> Howard Midstream Energy Partners LLC 17806 IH 10 West Suite 210 San Antonio, Texas 78257-8222 U.S.A.	Jason Hughes Project Manager [Tel.] +1 210 298 2222 [E-Mail] jhughes@howardep.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Adam Nietsche Project Manager [Tel.] +1 979 542 9054 [E-Mail] adam.nietsche@pumpco.cc

**PEC® Timing** C1 **PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Howard Midstream Energy Partners with Pumpco Incorporated (G/C) performs Construction on a Grassroot Natural Gas Gathering Pipeline. DETAILS: In Delaware Basin, construct 8-mile, 10-inch, High and Low pressure natural gas gathering pipeline. REQUIRES: Site Preparation, Trenching, Gathering Pipe, Block Valves, Control Valves, Coatings, Pig Launching & Receiving, Flanges, Well Interconnections, Taps, Electrical Utilities, Custody Transfer plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment, Liners.

**Schedule** Howard Midstream Energy Partners with Pumpco Incorporated performs Construction through 2Q18 (Jun). Howard Midstream Energy Partners releases Equipment RFQ's and Pumpco Incorporated releases remaining Bid Documents plus reviews and selects remaining Subcontractors as needed 1Q18 (Feb)-2Q18. Construction Commenced 1Q18 (Feb). Expected Project Completion 2Q18 (Jun).

<b>Project Milestones</b>	AFE 201712    Sub Bid Doc 201802	Completion 15-Jun-2018	Precision QUARTER
	Equip RFQ 201802    Kick-Off 201802	Kickoff Slippage 1 Months	Duration 5 Months

**Engineering Contracting** Environmental

**Project Key Needs** Civil/Site  
 Instrumentation Electrical Mechanical NDE  
 Piping/Fittings Insulation/Coatings Environmental Utilities Valves Pumps  
 Communications Transportation

**Matter Phase** Gas  
**Energy**  
 Buy  
 Sell

**Project Fuel Type** Natural Gas

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Paul Beacham	[Phn.] +1 855 979 2012	May-2023
<b>Sr. Production Foreman</b>	paul.beacham@wpenergy.com (!)	No	
<b>Maintenance Manager</b>	Paul Beacham	[Phn.] +1 855 979 2012	May-2023
<b>Sr. Production Foreman</b>	paul.beacham@wpenergy.com (!)	No	

## Exhibit GPLDC-1b

<b>Purchasing Manager</b>	Carolyn Price	[Phn.] +1 855 979 2012	May-2023
<b>Facilities &amp; Construction Lead</b>	carolyn.price@wpenergy.com (!)	No	
<b>Engineering Manager</b>	Steve Bernhardt	[Phn.] +1 855 979 2012	May-2023
<b>Petroleum Production Engineer</b>		No	steve-bernhardt-21b7a7a3
<b>Environmental Manager</b>	Karolina Blaney	[Phn.] +1 970 589 0743	May-2023
<b>Environmental Specialist</b>		No	
<b>Safety Manager</b>	Karolina Blaney	[Phn.] +1 970 589 0743	May-2023
<b>Environmental Specialist</b>		No	
<b>Utilities Manager</b>	Paul Beacham	[Phn.] +1 855 979 2012	May-2023
<b>Sr. Production Foreman</b>	paul.beacham@wpenergy.com (!)	No	
<b>Human Resource Manager</b>	Linda Garhart	[Phn.] +1 855 979 2012	May-2023
<b>Vice President, Human Resources</b>		No	

### Historical Reports

Project Name	Report Date	TIV	Phase
DELAWARE BASIN GRASSROOT NATURAL GAS GATHERING LINE	18-Oct-2017	8,000,000 USD	Preliminary Design (P1 - 07)
DELAWARE BASIN GRASSROOT NATURAL GAS GATHERING LINE	06-Feb-2018	8,000,000 USD	Preliminary Design (P1 - 07)
DELAWARE BASIN GRASSROOT NATURAL GAS GATHERING LINE	13-Feb-2018	8,000,000 USD	Construction - Merit Shop (C1 - 36)
DELAWARE BASIN GRASSROOT NATURAL GAS GATHERING LINE	22-Aug-2018	8,000,000 USD	Completion/Start-Up (C1 - 41)

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# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

## Capital PEC Report

Project ID: 300391709



**Project Name** DELAWARE BASIN GRASSROOT CRUDE GATHERING LINE  
**Industry Code** 04 Production (Oil & Gas) **Project Type** Grassroot

[PEC Activity Diagram](#)

**TIV (USD)** 5,000,000  
**SIC Code** 4612 Crude Petroleum Pipelines **Sector** Crude Pipelines  
**SIC Product** 4612\*0001 Crude Oil Pipelines  
**Status** Complete / Done **Last Update** 22-Aug-2018 **Initial Release** 18-Oct-2017  
**Environmental** Air (A) Land (L) **Construction Labor Preference** Unconfirmed  
**Operations Labor Preference** Non-Union



### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	5 Miles (mi)		10 Inches (in)	

**Plant Owner** Staline Processing LLC **Plant Parent** Howard Midstream Energy Partners LLC  
**Plant Name** Staline 'Reeves County' Natural Gas Processing Plant **Unit Name**  
**Plant ID** 3257907  
**Location** 4.26 miles Northeast of Orla, off County Road 652 **Phone** +1 855 979 2012  
**City/State** Orla, Texas 79772 U.S.A. **Zone/County** TX\*06, Reeves

### Project Responsibility Project Company

### Project Contact

<b>Project Manager</b> Howard Midstream Energy Partners LLC 17806 IH 10 West Suite 210 San Antonio, Texas 78257-8222 U.S.A.	<b>Project Contact</b> John Baumhardt Operations Manager [Tel.] +1 210 298 2222 [E-Mail] jbaumhardt@howardep.com
<b>Project Manager</b> Howard Midstream Energy Partners LLC 17806 IH 10 West Suite 210 San Antonio, Texas 78257-8222 U.S.A.	<b>Project Contact</b> Brandon Burch VP Operations and Engineering [Tel.] +1 210 298 2222 [E-Mail] bburch@howardep.com (!)
<b>Project Manager</b> Howard Midstream Energy Partners LLC 17806 IH 10 West Suite 210 San Antonio, Texas 78257-8222 U.S.A.	<b>Project Contact</b> Jason Hughes Project Manager [Tel.] +1 210 298 2222 [E-Mail] jhughes@howardep.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	<b>Project Contact</b> Adam Nietsche Project Manager [Tel.] +1 979 542 9054 [E-Mail] adam.nietsche@pumpco.cc

### PEC® Timing C1

### PEC® Activity Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Howard Midstream Energy Partners Pumpco Incorporated (G/C) performs Construction on a Grassroot Crude Gathering Pipeline. DETAILS: In Delaware Basin, construct 5-mile, 10-inch, Crude gathering pipeline. REQUIRES: Site Preparation, Trenching, Gathering Pipe, Block Valves, Control Valves, Coatings, Pig Launching & Receiving, Flanges, Well Interconnections, Taps, Electrical Utilities, Custody Transfer plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment, Liners.

**Schedule** Howard Midstream Energy Partners with Pumpco Incorporated continues with Construction through 2Q18 (Jun). Howard Midstream Energy Partners releases remaining Equipment RFQ's and Pumpco Incorporated releases remaining Bid Documents plus reviews and selects Subcontractors as needed 1Q18 (Feb)-2Q18. Construction Commenced 1Q18 (Feb). Expected Project Completion 2Q18 (Jun).

**Project Milestones** **AFE 201712** **Sub Bid Doc 201802** **Completion 15-Jun-2018** **Precision QUARTER**  
**Equip RFQ 201802** **Kick-Off 201802** **Kickoff Slippage 1 Months** **Duration 5 Months**

### Engineering

### Contracting

Environmental

### Project Key Needs

Civil/Site  
Instrumentation Electrical Mechanical NDE  
Piping/Fittings Insulation/Coatings Environmental Utilities Valves Pumps  
Communications Transportation

**Matter Phase** Liquid

### Energy

### Buy

### Sell

**Project Fuel Type** Crude Oil

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Paul Beacham	[Phn.] +1 855 979 2012	May-2023
<b>Sr. Production Foreman</b>	paul.beacham@wpenergy.com (!)	No	
<b>Maintenance Manager</b>	Paul Beacham	[Phn.] +1 855 979 2012	May-2023
<b>Sr. Production Foreman</b>	paul.beacham@wpenergy.com (!)	No	

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<b>Purchasing Manager</b>	Carolyn Price	[Phn.] +1 855 979 2012	May-2023
<b>Facilities &amp; Construction Lead</b>	carolyn.price@wpenergy.com (!)	No	
<b>Engineering Manager</b>	Steve Bernhardt	[Phn.] +1 855 979 2012	May-2023
<b>Petroleum Production Engineer</b>		No	steve-bernhardt-21b7a7a3
<b>Environmental Manager</b>	Karolina Blaney	[Phn.] +1 970 589 0743	May-2023
<b>Environmental Specialist</b>		No	
<b>Safety Manager</b>	Karolina Blaney	[Phn.] +1 970 589 0743	May-2023
<b>Environmental Specialist</b>		No	
<b>Utilities Manager</b>	Paul Beacham	[Phn.] +1 855 979 2012	May-2023
<b>Sr. Production Foreman</b>	paul.beacham@wpenergy.com (!)	No	
<b>Human Resource Manager</b>	Linda Garhart	[Phn.] +1 855 979 2012	May-2023
<b>Vice President, Human Resources</b>		No	

### Historical Reports

Project Name	Report Date	TIV	Phase
DELAWARE BASIN GRASSROOT CRUDE GATHERING LINE	18-Oct-2017	5,000,000 USD	Preliminary Design (P1 - 07)
DELAWARE BASIN GRASSROOT CRUDE GATHERING LINE	06-Feb-2018	5,000,000 USD	Preliminary Design (P1 - 07)
DELAWARE BASIN GRASSROOT CRUDE GATHERING LINE	13-Feb-2018	5,000,000 USD	Construction - Merit Shop (C1 - 36)
DELAWARE BASIN GRASSROOT CRUDE GATHERING LINE	22-Aug-2018	5,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300158230**



**Project Name** MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE  
**Umbrella Project Name** MIDLAND TO RANCHO SEALY PROJECT

[PEC Activity Diagram](#)

**Umbrella Project Count** 5

**Umbrella Project Summary**

<p><b>Industry Code</b> 03 Oil &amp; Gas Pipelines  <b>TIV (USD)</b> 575,000,000  <b>SIC Code</b> 4612 Crude Petroleum Pipelines  <b>SIC Product</b> 4612*0001 Crude Oil Pipelines  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Pipelines  <b>Last Update</b> 19-Apr-2018    <b>Initial Release</b> 20-Mar-2014  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Non-Union</p>
<p><b>Project Capacity</b>                      <b>Planned</b> 540,000 BBL/d of Crude Oil</p>	



**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	416 Miles (mi)		24 Inches (in)	

<p><b>Plant Owner</b> Enterprise Products Partners LP  <b>Plant Name</b> Midland Crude Oil Pump Station  <b>Plant ID</b> 3116074  <b>Location</b> 4500 East Highway 80  <b>City/State</b> Midland, Texas 79706 U.S.A.</p>	<p><b>Plant Parent</b> Enterprise Products Partners LP  <b>Unit Name</b>  <b>Phone</b> +1 432 221 7700  <b>Zone/County</b> TX*06, Midland</p>
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**Project Responsibility Project Company**

**Project Manager** Enterprise Products Partners LP  
P O Box 4324  
Houston, Texas 77210-4324  
U.S.A.

**Project Contact**  
Randy Wiggins  
Project Manager  
[Tel.] +1 713 381 6500

**Project Director** Enterprise Products Partners LP  
P O Box 4324  
Houston, Texas 77210-4324  
U.S.A.

John Macon  
Project Director  
[Tel.] +1 713 381 6500  
[E-Mail] jtmacon@eprod.com

**Project Executive** Enterprise Products Partners LP  
1100 Louisiana Street, Suite 1000  
Houston, Texas 77002  
U.S.A.

Leonard Mallett  
Engineering VP  
[Tel.] +1 713 381 6500  
[E-Mail] lmallett@eprod.com

**G/C** Primoris Services Corporation  
2100 McKinney Avenue Suite 1500  
Dallas, Texas 75201  
U.S.A.

Roger Thurman  
Regional Manager  
[Tel.] +1 214 740 5600  
[E-Mail] rthurman@prim-es.com

**G/C** Holloman Corporation  
333 North Sam Houston Parkway East Suite 600  
Houston, Texas 77060  
U.S.A.

Eddie Pernel  
Construction Superintendent  
[Tel.] +1 281 878 2600  
[E-Mail] eddiepernell@hollomancorp.com

**G/C** Holloman Corporation  
333 North Sam Houston Parkway East Suite 600  
Houston, Texas 77060  
U.S.A.

Shannon Driver  
Project Manager  
[Tel.] +1 281 878 2600

**G/C** Pumpco Incorporated  
P O Box 742  
Giddings, Texas 78942  
U.S.A.

Shawn Pruet  
Project Manager  
[Tel.] +1 979 542 9054

**PEC® Timing** C1  
**Project Probability** Completed (100%)

**PEC® Activity** Completion/Start-Up

**Scope** Enterprise Products awards Primoris Energy Services, Holloman Corporation, and Pumpco (Pipeline G/C's) and continues Construction for a Grassroot Crude Oil Pipeline. DETAILS: As part of the \$760 Million Midland to Rancho Sealy Project, construct 416 miles of 24" pipe with (10) integrity meters to transport 450,000 BBL/d of Permian Basin crude oil (West Texas Sour, West Texas Intermediate, Light West Texas Intermediate) and condensate from Midland, TX to Enterprise's Sealy Station (Plant ID: 3014032). REQUIRES: Site Preparation, Trenching, 24" Transmission Pipe, Road Crossings, Automated Control System, Cathodic Protection, Receiving, Coatings, Block/Control Valves, MCC Mods, Condensers, Metering and Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Enterprise Products with Primoris, Holloman, and Pumpco continues Final Commissioning and Ramp Up through 2Q18 (Jun). Enterprise with Primoris Holloman, and Pumpco releases remaining Equipment RFQ's and Subcontractor Bid Documents through 2Q17 (May). Construction Commenced 2Q17 (Apr). Scheduled Full-Service Operation and Project Completion 2Q18 (Jun).

<b>Project Milestones</b>	<b>AFE</b> 201704	<b>Sub Bid Doc</b> 201705	<b>Completion</b> 16-Apr-2018	<b>Precision</b> QUARTER
	<b>Long-Lead</b> 201704	<b>Equip RFQ</b> 201705	<b>Kickoff Slippage</b> 8 Months	<b>Duration</b> 13 Months

<b>Engineering Contracting</b>	Electrical	Environmental	Instrumentation
<b>Project Key Needs</b>	Civil/Site		

# Exhibit GPLDC-1b

	Instrumentation Piping/Fittings Communications	Electrical Insulation/Coatings	Mechanical Environmental Utilities Valves	NDE  Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b>	Electricity			
<b>Sell</b>				

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Ralph Morris	[Phn.] +1 432 250 1173	Feb-2023
	ramorris@eprod.com	No	
<b>Maintenance Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Purchasing Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Engineering Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Environmental Manager</b>	Christopher Spore	[Phn.] +1 432 221 7746	Feb-2023
<b>Lead Field Environmental Scientist</b>	cspore@eprod.com	No	christopher-spore-p-g-61320b22
<b>Safety Manager</b>	Christopher Spore	[Phn.] +1 432 221 7746	Feb-2023
<b>Lead Field Environmental Scientist</b>	cspore@eprod.com	No	christopher-spore-p-g-61320b22
<b>Utilities Manager</b>	Rex Morsey	[Phn.] +1 432 681 2600 x3	Feb-2023
<b>Pipeline Operation Supervisor</b>	rhmorsey@eprod.com	No	rex-morsey-04566756
<b>Human Resource Manager</b>	Marilyn Hartman	[Phn.] +1 713 381 6500	Feb-2023
	mhartman@eprod.com	No	marilyn-hartman-349ab645

### Historical Reports

Project Name	Report Date	TIV	Phase
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	20-Mar-2014	572,000,000 USD	Economic Evaluation (P1 - 04)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	22-Sep-2014	572,000,000 USD	Economic Evaluation (P1 - 04)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	21-Jan-2015	572,000,000 USD	Economic Evaluation (P1 - 04)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	15-May-2015	575,000,000 USD	Preliminary Design (P1 - 07)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	27-Jul-2015	575,000,000 USD	Preliminary Design (P1 - 07)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	12-Jan-2016	575,000,000 USD	Permitting (P2 - 18)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	06-Apr-2016	575,000,000 USD	Permitting (P2 - 18)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	25-May-2016	575,000,000 USD	Permitting (P2 - 18)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	13-Oct-2016	575,000,000 USD	Owner Review of Issue (P2 - 19)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	10-May-2017	575,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	23-Jan-2018	575,000,000 USD	Final Commissioning (C1 - 40)
MIDLAND GRASSROOT MIDLAND TO RANCHO SEALY CRUDE OIL PIPELINE	19-Apr-2018	575,000,000 USD	Completion/Start-Up (C1 - 41)



\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300176407**



**Project Name** MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE  
**Umbrella Project Name** DIAMOND PIPELINE PROJECT

[PEC Activity Diagram](#)  
**Umbrella Project Count** 6

**Umbrella Project Summary** The Diamond Pipeline is a 440-mile, 20 inch pipeline capable of transporting up to 200,000 barrels per day of domestic sweet crude from Cushing, Okla. to Memphis, Tenn.

<p><b>Industry Code</b> 03 Oil &amp; Gas Pipelines  <b>TIV (USD)</b> 5,000,000  <b>SIC Code</b> 4612 Crude Petroleum Pipelines  <b>SIC Product</b> 4612*0001 Crude Oil Pipelines  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L) Water (W)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Pipelines  <b>Last Update</b> 26-Jan-2018    <b>Initial Release</b> 08-Aug-2014  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Unconfirmed</p>
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**Project Capacity** **Planned** 200,000 BBL/d of Crude Oil

**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	3	Miles (mi)	20	Inches (in)

<p><b>Plant Owner</b> Plains All American Pipeline LP  <b>Plant Name</b> Memphis Crude Oil Metering Station  <b>Plant ID</b> 3128471  <b>Location</b> 2385 River Port Road  <b>City/State</b> Memphis, Tennessee 38109 U.S.A.</p>	<p><b>Plant Parent</b> Plains All American Pipeline LP  <b>Unit Name</b>    <b>Phone</b> +1 901 774 3100  <b>Zone/County</b> TN*02, Shelby</p>
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**Project Responsibility Project Company**

**Project Contact**

<b>Project Manager</b>	Plains All American Pipeline LP 333 Clay Road Suite 1600 Houston, Texas 77002 U.S.A.	Stephen Lee Project Manager [Tel.] +1 713 646 4100 [E-Mail] slee@paalp.com (!)
<b>Contracts Administrator</b>	Plains All American Pipeline LP 333 Clay Street Suite 1600 Houston, Texas 77002 U.S.A.	Ross Stevenson Manager Construction Services [Tel.] +1 713 646 4100 [E-Mail] rmstevenson@paalp.com (!) ; [LinkedIn] rossmstevenson
<b>Specification and Reliability</b>	Plains All American Pipeline LP 740430 South 3510 Road Cushing, Oklahoma 740306 U.S.A.	Brad Dooley Terminal Operator [Tel.] +1 918 225 6473 x6717
<b>Procurement - Purchasing</b>	Plains All American Pipeline LP 333 Clay Street Suite 1600 Houston, Texas 77002 U.S.A.	Kevin Howard Purchasing Manager [Tel.] +1 713 646 4100 [LinkedIn] kevin-howard-c-p-m-b801b133
<b>Planning &amp; Scheduling</b>	Plains All American Pipeline LP 740430 South 3510 Road Cushing, Oklahoma 74023 U.S.A.	David Shurtz District Pipeline Manager [Tel.] +1 918 225 3406 [E-Mail] dlshurtz@paalp.com (!)
<b>Consultant</b>	SWCA Environmental Consultants 5745 Essen Lane, Suite 105 Baton Rouge, Louisiana 70810 U.S.A.	Chuck Fontenot Senior Project Manager [Tel.] +1 225 663 3830
<b>Contractor</b>	Excel Mulching 2228 SE Loop Carthage, Texas 75633 U.S.A.	Dustin Starkey Northern Division Superintendent [Tel.] +1 903 693 7511 [E-Mail] dustin@excelmulching.com (!)
<b>G/C</b>	Strike Construction LLC 831 Crossbridge Drive Spring, Texas 77373 U.S.A.	Derek Fuller Project Manager [Tel.] +1 281 362 9708 [E-Mail] derek.fuller@strikeusa.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Alan Roberts Construction Manager [Tel.] +1 979 542 9054 [E-Mail] alan@pumpco.cc
<b>G/C</b>	Energy Services South LLC 301 N. Industrial Park Livingston, Alabama 35470 U.S.A.	James Ozment Senior Project Manager [Tel.] +1 205 652 9165

# Exhibit GPLDC-1b

**Project Probability** Completed (100%)

**Scope** Plains All American with J/V Partner Valero awards SWCA Environmental Consultants (Consultant), Excel Mulching (ROW Clearing), Strike Construction, Pumpco, and Energy Services South (Pipe Construction G/C's) and continues Mechanical Completion for a Grassroot Crude Oil Pipeline. DETAILS: As part of the \$800 million Diamond Pipeline project, dig trenches and lay 424 miles of 20" pipeline (roughly 3 miles in TN) to transport 200,000 BBL/d of sweet Permian Basin, Bakken, and Mid-Continent crude oil from Plains' Cushing Terminal (Plant ID 1009085) to Valero's Memphis Refinery (Plant ID 1014166). REQUIRES: Trenching, 20" Diameter Pipe, Cathodic Protection, Custody Transfers, Coatings, Pig Launching and Receiving, Metering Stations, Electrical Utilities, Block/Control Valves, MCC plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment; (W) River Crossings.

**Schedule** Plains All American with J/V Partner Valero awards SWCA, Excel Mulching, Strike, Pumpco, and Energy Services South and continues Mechanical Completion through 3Q17 (Aug). Pipeline Construction Commenced 4Q16 (Oct). Expected Project Completion 3Q17 (Sep).

<b>Project Milestones</b>	<b>AFE 201606</b>	<b>Sub Bid Doc 201609</b>	<b>Completion 30-Nov-2017</b>	<b>Precision QUARTER</b>
	<b>Equip RFQ 201609</b>	<b>Kick-Off 201610</b>	<b>Kickoff Slippage 17 Months</b>	<b>Duration 14 Months</b>
<b>Engineering</b>				
<b>Contracting</b>	Electrical	Environmental	Instrumentation	
<b>Project Key Needs</b>	Civil/Site			
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves
	Communications			Transportation
<b>Matter Phase</b>		Liquid		
<b>Energy</b>				
<b>Buy</b>	Electricity			
<b>Sell</b>				

## Historical Reports

Project Name	Report Date	TIV	Phase
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	08-Aug-2014	5,000,000 USD	Preliminary Design (P1 - 07)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	13-Jan-2015	5,000,000 USD	Permitting (P2 - 18)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Jun-2015	5,000,000 USD	Permitting (P2 - 18)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	24-Jul-2015	5,000,000 USD	Permitting (P2 - 18)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	10-Sep-2015	5,000,000 USD	Permitting (P2 - 18)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	19-Nov-2015	5,000,000 USD	Permitting (P2 - 18)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	21-Mar-2016	5,000,000 USD	Permitting (P2 - 18)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	31-May-2016	5,000,000 USD	Permitting (P2 - 18)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	23-Jun-2016	5,000,000 USD	Purchasing (E2 - 21)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Jul-2016	5,000,000 USD	Purchasing (E2 - 21)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Sep-2016	5,000,000 USD	Site Preparation (E2 - 26)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	30-Sep-2016	5,000,000 USD	Expediting (E2 - 33)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Mar-2017	5,000,000 USD	Expediting (E2 - 33)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	06-Jul-2017	5,000,000 USD	Mechanical Completion (C1 - 39)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Sep-2017	5,000,000 USD	Mechanical Completion (C1 - 39)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	30-Oct-2017	5,000,000 USD	Mechanical Completion (C1 - 39)
MEMPHIS GRASSROOT DIAMOND CRUDE OIL PIPELINE	26-Jan-2018	5,000,000 USD	Completion/Start-Up (C1 - 41)

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300176292**



**Project Name** GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE  
**Umbrella Project Name** DIAMOND PIPELINE PROJECT

[PEC Activity Diagram](#)  
**Umbrella Project Count** 6

**Umbrella Project Summary** The Diamond Pipeline is a 440-mile, 20 inch pipeline capable of transporting up to 200,000 barrels per day of domestic sweet crude from Cushing, Okla. to Memphis, Tenn.

<p><b>Industry Code</b> 03 Oil &amp; Gas Pipelines  <b>TIV (USD)</b> 400,000,000  <b>SIC Code</b> 4612 Crude Petroleum Pipelines  <b>SIC Product</b> 4612*0001 Crude Oil Pipelines  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L) Water (W)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Pipelines  <b>Last Update</b> 04-Dec-2017    <b>Initial Release</b> 08-Aug-2014  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Union</p>
<p><b>Project Capacity</b>                      <b>Planned</b> 200,000 BBL/d of Crude Oil</p>	



**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	260	Miles (mi)	20	Inches (in)

<p><b>Plant Owner</b> Plains All American Pipeline  <b>Plant Name</b> Georgetown Crude Oil Pump Station  <b>Plant ID</b> 3128411  <b>Location</b> West of Georgetown  <b>City/State</b> Griffithville, Arkansas 72143 U.S.A.</p>	<p><b>Plant Parent</b> Plains All American Pipeline LP  <b>Unit Name</b>    <b>Phone</b> +1 918 225 3406  <b>Zone/County</b> AR*01, White</p>
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Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	Plains All American Pipeline LP 333 Clay Road Suite 1600 Houston, Texas 77002 U.S.A.	Stephen Lee Project Manager [Tel.] +1 713 646 4100 [E-Mail] slee@paalp.com (!)
<b>Specification and Reliability</b>	Plains All American Pipeline LP 740430 South 3510 Road Cushing, Oklahoma 740306 U.S.A.	Brad Dooley Terminal Operator [Tel.] +1 918 225 6473 x6717
<b>Procurement - Purchasing</b>	Plains All American Pipeline LP 333 Clay Street Suite 1600 Houston, Texas 77002 U.S.A.	Kevin Howard Purchasing Manager [Tel.] +1 713 646 4100 [LinkedIn] kevin-howard-c-p-m-b801b133
<b>Contracts Administrator</b>	Plains All American Pipeline LP 333 Clay Street Suite 1600 Houston, Texas 77002 U.S.A.	Ross Stevenson Manager Construction Services [Tel.] +1 713 646 4100 [E-Mail] rmstevenson@paalp.com (!) ; [LinkedIn] rossmstevenson
<b>Planning &amp; Scheduling</b>	Plains All American Pipeline LP 740430 South 3510 Road Cushing, Oklahoma 74023 U.S.A.	David Shurtz District Pipeline Manager [Tel.] +1 918 225 3406 [E-Mail] dlshurtz@paalp.com (!)
<b>Consultant</b>	SWCA Environmental Consultants 5745 Essen Lane, Suite 105 Baton Rouge, Louisiana 70810 U.S.A.	Chuck Fontenot Senior Project Manager [Tel.] +1 225 663 3830
<b>Contractor</b>	Excel Mulching 2228 SE Loop Carthage, Texas 75633 U.S.A.	Dustin Starkey Northern Division Superintendent [Tel.] +1 903 693 7511 [E-Mail] dustin@excelmulching.com (!)
<b>G/C</b>	Strike Construction LLC 831 Crossbridge Drive Spring, Texas 77373 U.S.A.	Derek Fuller Project Manager [Tel.] +1 281 362 9708 [E-Mail] derek.fuller@strikeusa.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Alan Roberts Construction Manager [Tel.] +1 979 542 9054 [E-Mail] alan@pumpco.cc
<b>G/C</b>	Energy Services South LLC 301 N. Industrial Park Livingston, Alabama 35470 U.S.A.	James Ozment Senior Project Manager [Tel.] +1 205 652 9165

# Exhibit GPLDC-1b

**Project Probability** Completed (100%)

**Scope** Plains All American with J/V Partner Valero awards SWCA Environmental Consultants (Consultant), Excel Mulching (ROW Clearing), Strike Construction, Pumpco, and Energy Services South (Pipe Construction G/C's) and continues Mechanical Completion for a Grassroot Crude Oil Pipeline. DETAILS: As part of the \$800 million Diamond Pipeline project, dig trenches and lay 424 miles of 20" pipeline (roughly 260 miles in AR) to transport 200,000 BBL/d of sweet Permian Basin, Bakken, and Mid-Continent crude oil from Plains' Cushing Terminal (Plant ID 1009085) to Valero's Memphis Refinery (Plant ID 1014166). REQUIRES: Trenching, 20" Diameter Pipe, Cathodic Protection, Custody Transfers, Coatings, Pig Launching and Receiving, Metering Stations, Electrical Utilities, Block/Control Valves, MCC plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment; (W) River Crossings.

**Schedule** Plains All American with J/V Partner Valero awards SWCA, Excel Mulching, Strike, Pumpco, and Energy Services South and continues Mechanical Completion through 3Q17 (Aug). Pipeline Construction Commenced 4Q16 (Oct). Expected Project Completion 4Q17 (Oct).

<b>Project Milestones</b>	<b>AFE 201606</b>	<b>Sub Bid Doc 201609</b>	<b>Completion 30-Nov-2017</b>	<b>Precision QUARTER</b>
<b>Long-Lead 201606</b>	<b>Equip RFQ 201609</b>	<b>Kick-Off 201610</b>	<b>Kickoff Slippage 17 Months</b>	<b>Duration 14 Months</b>
<b>Engineering</b>	Electrical		Instrumentation	
<b>Contracting</b>	Electrical	Environmental	Instrumentation	
<b>Project Key Needs</b>	Civil/Site			
	Instrumentation	Electrical	Mechanical	NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves
	Communications			Transportation
<b>Matter Phase</b>	Liquid			
<b>Energy</b>				
<b>Buy</b>	Electricity			
<b>Sell</b>				

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a
<b>Maintenance Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a
<b>Purchasing Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a
<b>Engineering Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a
<b>Environmental Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a
<b>Safety Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a
<b>Utilities Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a
<b>Human Resource Manager</b>	Rob Koenig	[Phn.] +1 713 646 4411	Jul-2022
<b>Director of Project Management</b>	rwkoenig@paalp.com (!)	No	rob-koenig-9645254a

## Historical Reports

Project Name	Report Date	TIV	Phase
JERUSALEM GRASSROOT DIAMOND CRUDE OIL PIPELINE	08-Aug-2014	400,000,000 USD	Preliminary Design (P1 - 07)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Jan-2015	400,000,000 USD	Permitting (P2 - 18)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Jun-2015	400,000,000 USD	Permitting (P2 - 18)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	27-Jul-2015	400,000,000 USD	Permitting (P2 - 18)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	10-Sep-2015	400,000,000 USD	Permitting (P2 - 18)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	19-Nov-2015	400,000,000 USD	Permitting (P2 - 18)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	21-Mar-2016	400,000,000 USD	Permitting (P2 - 18)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	31-May-2016	400,000,000 USD	Permitting (P2 - 18)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	23-Jun-2016	400,000,000 USD	Purchasing (E2 - 21)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Jul-2016	400,000,000 USD	Purchasing (E2 - 21)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Sep-2016	400,000,000 USD	Site Preparation (E2 - 26)

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GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	30-Sep-2016	400,000,000 USD	Expediting (E2 - 33)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Mar-2017	400,000,000 USD	Construction - Merit Shop (C1 - 36)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	06-Jul-2017	400,000,000 USD	Mechanical Completion (C1 - 39)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Sep-2017	400,000,000 USD	Mechanical Completion (C1 - 39)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	12-Oct-2017	400,000,000 USD	Mechanical Completion (C1 - 39)
GRIFFITHVILLE GRASSROOT DIAMOND CRUDE OIL PIPELINE	04-Dec-2017	400,000,000 USD	Completion/Start-Up (C1 - 41)

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\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300176264**



**Project Name** CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE  
**Umbrella Project Name** DIAMOND PIPELINE PROJECT

[PEC Activity Diagram](#)

**Umbrella Project Count** 6

**Umbrella Project Summary** The Diamond Pipeline is a 440-mile, 20 inch pipeline capable of transporting up to 200,000 barrels per day of domestic sweet crude from Cushing, Okla. to Memphis, Tenn.

<p><b>Industry Code</b> 03 Oil &amp; Gas Pipelines  <b>TIV (USD)</b> 250,000,000  <b>SIC Code</b> 4612 Crude Petroleum Pipelines  <b>SIC Product</b> 4612*0001 Crude Oil Pipelines  <b>Status</b> Complete / Done  <b>Environmental</b> Air (A) Land (L) Water (W)</p>	<p><b>Project Type</b> Grassroot  <b>Sector</b> Crude Pipelines  <b>Last Update</b> 04-Dec-2017    <b>Initial Release</b> 08-Aug-2014  <b>Construction Labor Preference</b> Unconfirmed  <b>Operations Labor Preference</b> Union, Non-Unior</p>
<p><b>Project Capacity</b>                      <b>Planned</b> 200,000 BBL/d of Crude Oil</p>	



**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	160 Miles (mi)		20 Inches (in)	

<p><b>Plant Owner</b> Plains All American Pipeline  <b>Plant Name</b> Cushing Crude Oil Pump Station  <b>Plant ID</b> 3128398  <b>Location</b> 740430 South 3510 Road  <b>City/State</b> Cushing, Oklahoma 74023 U.S.A.</p>	<p><b>Plant Parent</b> Plains All American Pipeline LP  <b>Unit Name</b>  <b>Phone</b> +1 918 225 6717  <b>Zone/County</b> OK*01, Payne</p>
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Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	Plains All American Pipeline LP 333 Clay Road Suite 1600 Houston, Texas 77002 U.S.A.	Stephen Lee Project Manager [Tel.] +1 713 646 4100 [E-Mail] slee@paalp.com (!)
<b>Contracts Administrator</b>	Plains All American Pipeline LP 333 Clay Street Suite 1600 Houston, Texas 77002 U.S.A.	Ross Stevenson Manager Construction Services [Tel.] +1 713 646 4100 [E-Mail] rmstevenson@paalp.com (!) ; [LinkedIn] rossmstevenson
<b>Procurement - Purchasing</b>	Plains All American Pipeline LP 333 Clay Street Suite 1600 Houston, Texas 77002 U.S.A.	Kevin Howard Purchasing Manager [Tel.] +1 713 646 4100 [LinkedIn] kevin-howard-c-p-m-b801b133
<b>Specification and Reliability</b>	Plains All American Pipeline LP 740430 South 3510 Road Cushing, Oklahoma 740306 U.S.A.	Brad Dooley Terminal Operator [Tel.] +1 918 225 6473 x6717
<b>Planning &amp; Scheduling</b>	Plains All American Pipeline LP 740430 South 3510 Road Cushing, Oklahoma 74023 U.S.A.	David Shurtz District Pipeline Manager [Tel.] +1 918 225 3406 [E-Mail] dlshurtz@paalp.com (!)
<b>Consultant</b>	SWCA Environmental Consultants 5745 Essen Lane, Suite 105 Baton Rouge, Louisiana 70810 U.S.A.	Chuck Fontenot Senior Project Manager [Tel.] +1 225 663 3830
<b>Contractor</b>	Excel Mulching 2228 SE Loop Carthage, Texas 75633 U.S.A.	Dustin Starkey Northern Division Superintendent [Tel.] +1 903 693 7511 [E-Mail] dustin@excelmulching.com (!)
<b>G/C</b>	Strike Construction LLC 831 Crossbridge Drive Spring, Texas 77373 U.S.A.	Derek Fuller Project Manager [Tel.] +1 281 362 9708 [E-Mail] derek.fuller@strikeusa.com
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Alan Roberts Construction Manager [Tel.] +1 979 542 9054 [E-Mail] alan@pumpco.cc
<b>G/C</b>	Energy Services South LLC 301 N. Industrial Park Livingston, Alabama 35470 U.S.A.	James Ozment Senior Project Manager [Tel.] +1 205 652 9165

<b>PEC® Timing</b> C1	<b>PEC® Activity</b> Completion/Start-Up
<b>Project Probability</b> Completed (100%)	

# Exhibit GPLDC-1b

**Scope** Plains All American with J/V Partner Valero awards SWCA Environmental Consultants (Consultant), Excel Mulching (ROW Clearing), Strike Construction, Pumpco, and Energy Services South (Pipe Construction G/C's) and continues Mechanical Completion for a Grassroot Crude Oil Pipeline. DETAILS: As part of the \$800 million Diamond Pipeline project, dig trenches and lay 424 miles of 20" pipeline (roughly 160 miles in OK) to transport 200,000 BBL/d of sweet Permian Basin, Bakken, and Mid-Continent crude oil from Plains' Cushing Terminal (Plant ID 1009085) to Valero's Memphis Refinery (Plant ID 1014166). REQUIRES: Trenching, 20" Diameter Pipe, Cathodic Protection, Custody Transfers, Coatings, Pig Launching and Receiving, Metering Stations, Electrical Utilities, Block/Control Valves, MCC plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment; (W) River Crossings.

**Schedule** Plains All American with J/V Partner Valero awards SWCA, Excel Mulching, Strike, Pumpco, and Energy Services South and continues Mechanical Completion through 3Q17 (Aug). Pipeline Construction Commenced 4Q16 (Oct). Expected Project Completion 4Q17 (Oct).

<b>Project Milestones</b>	<b>Long-Lead</b> 201606	<b>AFE</b> 201606	<b>Sub Bid Doc</b> 201609	<b>Completion</b> 30-Nov-2017	<b>Precision</b> QUARTER
		<b>Equip RFQ</b> 201609	<b>Kick-Off</b> 201610	<b>Kickoff Slippage</b> 17 Months	<b>Duration</b> 14 Months
<b>Engineering</b>	Electrical			Instrumentation	
<b>Contracting</b>	Electrical	Environmental		Instrumentation	
<b>Project Key Needs</b>	Civil/Site		Control Room		
	Instrumentation	Electrical	Mechanical		NDE
	Piping/Fittings	Insulation/Coatings	Environmental Utilities	Valves	
	Communications				Transportation
<b>Matter Phase</b>		Liquid			
<b>Energy</b>					
<b>Buy</b>	Electricity				
<b>Sell</b>					

## Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Douglas Fulkerson	[Phn.] +1 918 225 6717	Feb-2023
<b>Terminal Manager</b>		No	douglas-fulkerson-98562a19
<b>Maintenance Manager</b>	Kevin Cearley	[Phn.] +1 918 225 6473	Feb-2023
	kcearley@paalp.com (!)	No	
<b>Purchasing Manager</b>	Douglas Fulkerson	[Phn.] +1 918 225 6717	Feb-2023
<b>Terminal Manager</b>		No	douglas-fulkerson-98562a19
<b>Engineering Manager</b>	Douglas Fulkerson	[Phn.] +1 918 225 6717	Feb-2023
<b>Terminal Manager</b>		No	douglas-fulkerson-98562a19
<b>Environmental Manager</b>	Kevin Cunningham	[Phn.] +1 713 646 4100	Feb-2023
	kcunningham@paalp.com (!)	No	kevin-cunningham-87880712
<b>Safety Manager</b>	Kevin Cunningham	[Phn.] +1 713 646 4100	Feb-2023
<b>Environmental Manager</b>	kcunningham@paalp.com (!)	No	kevin-cunningham-87880712
<b>Utilities Manager</b>	Kevin Cearley	[Phn.] +1 918 225 6473	Feb-2023
<b>Maintenance Manager</b>	kcearley@paalp.com (!)	No	
<b>Human Resource Manager</b>	Diana Enriquez	[Phn.] +1 713 646 4100 x35166	Feb-2023
<b>Executive Assistant to VP of HR</b>	diana.enriquez@paalp.com (!)	No	diana-enriquez-87812613

## Historical Reports

Project Name	Report Date	TIV	Phase
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	08-Aug-2014	250,000,000 USD	Preliminary Design (P1 - 07)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Jan-2015	250,000,000 USD	Permitting (P2 - 18)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Jun-2015	250,000,000 USD	Permitting (P2 - 18)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	27-Jul-2015	250,000,000 USD	Permitting (P2 - 18)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	10-Sep-2015	250,000,000 USD	Permitting (P2 - 18)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	19-Nov-2015	250,000,000 USD	Permitting (P2 - 18)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	21-Mar-2016	250,000,000 USD	Permitting (P2 - 18)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	31-May-2016	250,000,000 USD	Permitting (P2 - 18)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	23-Jun-2016	250,000,000 USD	Purchasing (E2 - 21)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Jul-2016	250,000,000 USD	Purchasing (E2 - 21)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Sep-2016	250,000,000 USD	Site Preparation (E2 - 26)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	30-Sep-2016	250,000,000 USD	Expediting (E2 - 33)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	15-Mar-2017	250,000,000 USD	Construction - Merit Shop (C1 - 36)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	06-Jul-2017	250,000,000 USD	Mechanical Completion (C1 - 39)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	14-Sep-2017	250,000,000 USD	Mechanical Completion (C1 - 39)
CUSHING GRASSROOT DIAMOND CRUDE OIL PIPELINE	12-Oct-2017	250,000,000 USD	Mechanical Completion (C1 - 39)





# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300206907



**Project Name** COYANOSA WAHA TO PRESIDIO (TRANS-PECOS) G-R NATURAL GAS PIPEL  
**Industry Code** 03 Oil & Gas Pipelines **Project Type** Grassroot

[PEC Activity Diagram](#)

**TIV (USD)** 550,000,000

**SIC Code** 4922 Natural Gas Transmission

**Sector** Natural Gas Pipelines

**SIC Product** 4922\*0004 Natural Gas Pipelines

**Status** Complete / Done

**Last Update** 27-Mar-2017

**Initial Release** 27-Feb-2015

**Environmental** Air (A) Land (L)

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union



**Project Capacity** **Planned** 1,350 MMSCFD of Natural Gas, Gaseous (Methane)

### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	143	Miles (mi)	42	Inches (in)

**Plant Owner** Oasis Pipeline Company Texas LP

**Plant Parent** Energy Transfer LP

**Plant Name** Waha Natural Gas Compressor Station

**Unit Name**

**Plant ID** 1073966

**Location** 3 M North of Coyanosa on FM 1776,4906 El Paso Road

**Phone** +1 432 343 2220

**City/State** Coyanosa, Texas 79730 U.S.A.

**Zone/County** TX\*06, Pecos

### Project Responsibility Project Company

### Project Contact

**Project Director** Energy Transfer Partners LP  
 800 East Sontera Boulevard Suite 400  
 San Antonio, Texas 78258  
 U.S.A.

Richard 'Rick' Smith  
 Engineering Director  
 [Tel.] +1 210 403 7300  
 [E-Mail] richard.smith@energytransfer.com

**Project Manager** Energy Transfer Partners LP  
 800 East Sontera Boulevard Suite 400  
 San Antonio, Texas 78258  
 U.S.A.

Bill Cochran  
 Project Manager  
 [Tel.] +1 210 403 7300

**C/M** MasTec Incorporated  
 800 South Douglas Road 12th Floor  
 Coral Gables, Florida 33134  
 U.S.A.

David Shujman  
 Construction Coordinator  
 [Tel.] +1 305 599 1800  
 [E-Mail] david.shujman@mastec.com

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Shawn Pruet  
 Project Manager  
 [Tel.] +1 979 542 9054

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Energy Transfer awards MasTec Inc (Construction Coordinator & Consortium Partners) and Pumpco (G/C) and performs Construction a Grassroot Natural Gas Pipeline. DETAILS: Trans-Pecos Pipeline Project, install 143 Miles of 42" diameter transmission pipeline to transport up to 1.35 Bcf/d of natural gas from the Waha Hub outside Fort Stockton, TX to the Mexico/United States border near Presidio, TX. REQUIRES: Trenching, Excavating, 42" Diameter Transmission Pipe, Cathodic Protection, Coatings, MCC Mods, Custody Transfers, Pig Launchers & Receivers, Block/Control Valves, Metering, Electrical Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.

**Schedule** Energy Transfer in conjunction with MasTec and Pumpco continues with Civil Work (clearing and Grading) and continues to release remaining Equipment RFQ's and Subcontractor Bid Packages 1Q16 (Jan) through 4Q16 (Nov). Civil Construction Commenced 1Q16 (Jan). Construction Kick-Off 1Q16 (Mar). Scheduled Project Completion 2Q17 (Apr).

Project Milestones	AFE 201601	Sub Bid Doc 201611	Completion 21-Mar-2017	Precision DAY
Long-Lead 201506	Equip RFQ 201601	Kick-Off 201601	Kickoff Slippage -4 Months	Duration 15 Months
Engineering			Instrumentation	
Contracting	Electrical	Environmental HVAC	Instrumentation Mechanical	
Project Key Needs	Civil/Site	Control Room	Heat Transfer	
	Instrumentation	Electrical Mechanical HVAC	NDE	
	Piping/Fittings	Insulation/Coatings Environmental Utilities	Pumps	
	Communications		Transportation	

**Material Handling**

**Matter Phase** Gas

**Energy**

**Buy** Electricity

**Sell**

**Project Fuel Type** Natural Gas

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Gilbert Singh	[Phn.] +1 210 403 7300	Mar-2023

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	gilbert.singh@energytransfer.com	No	
<b>Maintenance Manager</b>	Adam Acosta adam.acosta@energytransfer.com	[Phn.] +1 432 343 2240 No	Mar-2023
<b>Purchasing Manager</b>	Gilbert Singh	[Phn.] +1 432 290 2722	Mar-2023
<b>Plant Manager</b>	gilbert.singh@energytransfer.com	No	
<b>Engineering Manager</b>	Juan Sarabia	[Phn.] +1 432 425 8489	Mar-2023
<b>Head Mechanic</b>	juan.sarabia@energytransfer.com	No	
<b>Environmental Manager</b>	Larry Campbell larry.campbell@energytransfer.com	[Phn.] +1 575 625 8022 No	Mar-2023 larry-larry-campbell-5427192b
<b>Safety Manager</b>	Clint Cowan clint.cowan@energytransfer.com	[Phn.] +1 214 981 0700 No	Mar-2023
<b>Utilities Manager</b>	Adam Acosta adam.acosta@energytransfer.com	[Phn.] +1 432 343 2240 No	Mar-2023
<b>Human Resource Manager</b>	Erica Brandt erica.brandt@energytransfer.com	[Phn.] +1 210 403 7300 No	Mar-2023 erica-brandt-1ba85937

### Historical Reports

Project Name	Report Date	TIV	Phase
COYANOOSA WAHA TO PRESIDIO GRASSROOT NATURAL GAS PIPELINE	27-Feb-2015	220,000,000 USD	Preliminary Design (P1 - 07)
COYANOOSA WAHA TO PRESIDIO GRASSROOT NATURAL GAS PIPELINE	24-Jun-2015	220,000,000 USD	Permitting (P2 - 18)
COYANOOSA WAHA TO PRESIDIO GRASSROOT NATURAL GAS PIPELINE	30-Jul-2015	550,000,000 USD	Permitting (P2 - 18)
COYANOSA WAHA TO PRESIDIO (TRANS-PECOS) G-R NATURAL GAS PIPELINE	15-Jan-2016	550,000,000 USD	Construction - Merit Shop (C1 - 36)
COYANOSA WAHA TO PRESIDIO (TRANS-PECOS) G-R NATURAL GAS PIPELINE	16-Jan-2017	550,000,000 USD	Construction - Merit Shop (C1 - 36)
COYANOSA WAHA TO PRESIDIO (TRANS-PECOS) G-R NATURAL GAS PIPELINE	27-Mar-2017	550,000,000 USD	Completion/Start-Up (C1 - 41)

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# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300309208**



**Project Name** FORT STOCKTON COMANCHE TRAIL GRASSROOT NATURAL GAS PIPELINE  
**Industry Code** 03 Oil & Gas Pipelines **Project Type** Grassroot

[PEC Activity Diagram](#)

**TIV (USD)** 275,000,000  
**SIC Code** 4922 Natural Gas Transmission **Sector** Natural Gas Pipelines  
**SIC Product** 4922\*0004 Natural Gas Pipelines  
**Status** Complete / Done **Last Update** 01-Feb-2017 **Initial Release** 12-Oct-2016  
**Environmental** Air (A) Land (L) **Construction Labor Preference** Unconfirmed  
**Operations Labor Preference** Non-Union



**Project Capacity** **Planned** 1,100 MMSCFD of Natural Gas, Gaseous (Methane)

**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	195	Miles (mi)	42	Inches (in)

<b>Plant Owner</b> Energy Transfer Partners LP	<b>Plant Parent</b> Energy Transfer LP
<b>Plant Name</b> Gulf Gomez JF Hoover Natural Gas Compressor Station	<b>Unit Name</b>
<b>Plant ID</b> 3045809	
<b>Location</b> 48 North Valero Plant Road, Off of Binion Lane	<b>Phone</b> +1 979 279 2462
<b>City/State</b> Fort Stockton, Texas 79735 U.S.A.	<b>Zone/County</b> TX*06, Pecos

**Project Responsibility Project Company**

**Project Contact**

<b>Project Manager</b> Energy Transfer Fuel LP 800 E Sonterra Blvd #400 San Antonio, Texas 78258 U.S.A.	John Bilhartz Project Manager [Tel.] +1 210 403 7300 [E-Mail] john.bilhartz@energytransfer.com
<b>Compliance</b> Energy Transfer Operating LP 1300 Main Street Houston, Texas 77002 U.S.A.	Kelly Allen Permit Engineer [Tel.] +1 713 989 7000 [E-Mail] kelly.allen@energytransfer.com
<b>Consultant</b> GAI Consultants 2545 Spring Arbor Road #100 Jackson, Michigan 49203 U.S.A.	Larry Gremminger VP of Operations [Tel.] +1 517 513 8190 [E-Mail] larry@gremminger.com
<b>G/C</b> Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Shawn Pruet Project Manager [Tel.] +1 979 542 9054

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Comanche Trail (with Energy Transfer - Constructor and Operator of the Pipeline) awarded Pumpco (G/C) and proceeds with Construction on a Grassroot Natural Gas Pipeline. DETAILS: Comanche Trail Pipeline Project, install 195 miles of 42" diameter transmission pipeline to deliver up to 1.1 Bcf/d of natural gas originating at the Waha Hub outside Fort Stockton, TX crossing through Pecos (0.19 Miles), Reeves (59 Miles), Culberson (51 Miles) and Hudspeth (65 Miles) Counties and terminating at the US-MX boundary in San Elizario, TX south of El Paso, TX (17 Miles). REQUIRES: Trenching, Excavating, 42" Diameter Transmission Pipe, Cathodic Protection, Coatings, Custody Transfer, Pig Launching & Receiving, MCC Mods, Control/Block Valves, Coatings, Electrical Utilities plus Controls. ENVIRONMENTAL: (A) Leak Detection, (L) Containment.

**Schedule** Energy Transfer with Pumpco continues with Construction Activities (Hydro-Testing Mainline Pipes) Field Supervision and Inspections. Construction commenced 2Q16 (May). Schedule Project Completion 1Q17 (Jan).

<b>Project Milestones</b>	AFE 201605	Sub Bid Doc 201611	Completion 30-Jan-2017	Precision QUARTER
	Long-Lead 201511	Equip RFQ 201605	Kickoff Slippage 0 Months	Duration 9 Months

Engineering				
Contracting	Environmental			
Project Key Needs	Civil/Site	Control Room	Heat Transfer	
	Instrumentation	Electrical	Mechanical	HVAC
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities
	Communications		Valves	Pumps
				Transportation

Material Handling

**Matter Phase** Gas

**Energy**

**Buy** Electricity

**Sell**

**Project Fuel Type** Natural Gas

**Plant Standard Contacts**

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Gilbert Singh	[Phn.] +1 210 403 7300	Oct-2022

## Exhibit GPLDC-1b

	gilbert.singh@energytransfer.com	No	
<b>Maintenance Manager</b>	Gilbert Singh	[Phn.] +1 210 403 7300	Oct-2022
<b>Plant Manager</b>	gilbert.singh@energytransfer.com	No	
<b>Purchasing Manager</b>	Gilbert Singh	[Phn.] +1 210 403 7300	Oct-2022
<b>Plant Manager</b>	gilbert.singh@energytransfer.com	No	
<b>Engineering Manager</b>	Gilbert Singh	[Phn.] +1 210 403 7300	Oct-2022
<b>Plant Manager</b>	gilbert.singh@energytransfer.com	No	
<b>Environmental Manager</b>	Jacob Krautsch	[Phn.] +1 210 403 7300	Oct-2022
	jacob.krautsch@energytransfer.com	No	jacob-krautsch-43b562167
<b>Safety Manager</b>	Flint Kemper	[Phn.] +1 214 981 0700	Oct-2022
	flint.kemper@energytransfer.com	No	flint-kemper-2a715799
<b>Utilities Manager</b>	Gilbert Singh	[Phn.] +1 210 403 7300	Oct-2022
<b>Plant Manager</b>	gilbert.singh@energytransfer.com	No	
<b>Human Resource Manager</b>	Erica Brandt	[Phn.] +1 210 403 7300	Oct-2022
<b>Human Resource Director</b>	erica.brandt@energytransfer.com	No	erica-brandt-1ba85937

### Historical Reports

Project Name	Report Date	TIV	Phase
FORT STOCKTON COMANCHE TRAIL GRASSROOT NATURAL GAS PIPELINE	12-Oct-2016	275,000,000 USD	Construction - Merit Shop (C1 - 36)
FORT STOCKTON COMANCHE TRAIL GRASSROOT NATURAL GAS PIPELINE	13-Jan-2017	275,000,000 USD	Construction - Merit Shop (C1 - 36)
FORT STOCKTON COMANCHE TRAIL GRASSROOT NATURAL GAS PIPELINE	01-Feb-2017	275,000,000 USD	Completion/Start-Up (C1 - 41)

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\*Any data highlighted in red below is data that has been added or updated in the last release of the project

<b>Capital PEC Report</b>	<b>Project ID: 300195297</b>
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**Project Name** MIDLAND GRASSROOT LONE STAR EXPRESS NGL PIPELINE  
**Umbrella Project Name** LONE STAR NGL

[PEC Activity Diagram](#)  
**Umbrella Project Count** 2

**Umbrella Project Summary**

**Industry Code** 03 Oil & Gas Pipelines  
**TIV (USD)** 1,000,000,000  
**SIC Code** 4922 Natural Gas Transmission

**Project Type** Grassroot  
**Sector** Natural Gas Liquids Pipelines



**SIC Product** 4922\*0010 Natural Gas Liquids Pipeline  
**Status** Complete / Done  
**Environmental** Air (A) Land (L)

**Last Update** 12-Dec-2016    **Initial Release** 15-Dec-2014

**Construction Labor Preference** Unconfirmed

**Operations Labor Preference** Non-Union

**Project Capacity**                      **Planned** 495,000 BBL/d of Crude Oil

**Pipeline Installation Details**

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	533	Miles (mi)	30	Inches (in)

**Plant Owner** Lone Star NGL LLC  
**Plant Name** Midland NGL Pump Station  
**Plant ID** 3033229  
**Location** 10 Miles South of Midland  
**City/State** Midland, Texas 79705 U.S.A.

**Plant Parent** Energy Transfer LP  
**Unit Name**  
**Phone** +1 210 403 7300  
**Zone/County** TX\*06, Midland

**Project Responsibility Project Company**

**Project Manager** Energy Transfer Operating LP  
 1300 Main Street  
 Houston, Texas 77002  
 U.S.A.

**Project Contact**

Diego Aponte  
 Senior Engineer  
 [Tel.] +1 713 989 7000  
 [E-Mail] diego.aponte@energytransfer.com

**Project Manager** Energy Transfer Operating LP  
 1300 Main Street  
 Houston, Texas 77002  
 U.S.A.

Rita Lee  
 Project Manager  
 [Tel.] +1 713 989 7000

**Project Executive** Energy Transfer Operating LP  
 1300 Main Street  
 Houston, Texas 77002  
 U.S.A.

Joey Mahmoud  
 Vice President Engineering/Project Director  
 [Tel.] +1 713 989 7000  
 [E-Mail] joey.mahmoud@energytransfer.com

**Specification and Reliability** Energy Transfer Partners LP  
 800 E Sonterra Blvd Suite 400  
 San Antonio, Texas 78258  
 U.S.A.

Tolley McCormick  
 Engineering Manager  
 [Tel.] +1 210 403 7300  
 [LinkedIn] Duplicate Contact

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Alan Roberts  
 Construction Manager  
 [Tel.] +1 979 542 9054  
 [E-Mail] alan@pumpco.cc

**G/C** Strike Construction LLC  
 831 Crossbridge Drive  
 Spring, Texas 77373  
 U.S.A.

Matt Cook  
 Project Manager  
 [Tel.] +1 281 362 9708

**G/C** Precision Pipeline LLC  
 1119 Regis Court Ste 210  
 Eau Claire, Wisconsin 54701  
 U.S.A.

Ryan McKone  
 VP of Project Management  
 [Tel.] +1 715 874 4510  
 [E-Mail] rmckone@precisionpipelinellc.com

**PEC® Timing** C1

**PEC® Activity** Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Lone Star NGL LLC (J/V between Energy Transfer Partners and Regency Energy Partners) awards Pumpco Incorporated (G/C Spreads 1-3), Strike Construction (G/C Spreads 4 & 7), and Precision Pipeline (G/C Spreads 5&6) and continues Construction for a Grassroot NGL Pipeline. DETAILS: As part of a planned \$1.5 - 1.8 Billion NGL expansion, the Lone Star Express Pipeline, construct 533 miles of 24 and 30-inch diameter NGL transmission pipeline with (7) meter sites and multiple launcher/receiving sites from the Permian Basin to Mont Belvieu, TX to transport 375,000 BBL/d of NGL from the Permian Basin to Bosque County via the 24" line, and 495,000 BBL/d from Bosque County to Mont Belvieu. REQUIREMENTS: Trenching, Site Preparation, 24" and 30"-Diameter Transmission Pipe, Cathodic Protection, Pig Launching, Coatings, Custody Transfers, Metering, Control/Block Valves plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Lone Star NGL with Pumpco, Strike, and Precision continues Construction through 4Q16 (Dec). Lone Star NGL with selected G/C's releases remaining Equipment RFQ's and Subcontractor Bid Documents 4Q15 (Oct) - 1Q16 (Jan). Construction Commenced 4Q15 (Oct). Scheduled Project Completion 4Q16 (Oct).

Project Milestones	AFE 201508	Sub Bid Doc 201601	Completion 31-Oct-2016	Precision QUARTER
Long-Lead 201503	Equip RFQ 201601	Kick-Off 201510	Kickoff Slippage 1 Months	Duration 13 Months
Engineering Civil	Electrical	Environmental	Instrumentation Mechanical	

# Exhibit GPLDC-1b

<b>Contracting</b>	Civil	Electrical	Environmental	Instrumentation	Mechanical	General [G/C]
<b>Project Key Needs</b>	Civil/Site Instrumentation Piping/Fittings Communications	Structural Electrical Insulation/Coatings	Mechanical Environmental Utilities	Control Room	Valves	NDE Transportation
<b>Matter Phase</b>		Liquid				
<b>Energy</b>						
<b>Buy</b>	Electricity					
<b>Sell</b>						

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Herbert Greene	[Phn.] +1 432 561 9505 / [Alt.] 432 940 8311	Nov-2022
	herbert.greene@energytransfer.com	No	
<b>Maintenance Manager</b>	Herbert Greene	[Phn.] +1 432 561 9505 / [Alt.] 432 940 8311	Nov-2022
	herbert.greene@energytransfer.com	No	
<b>Purchasing Manager</b>	Herbert Greene	[Phn.] +1 432 561 9505 / [Alt.] 432 940 8311	Nov-2022
	herbert.greene@energytransfer.com	No	
<b>Engineering Manager</b>	Tolley McCormick	[Phn.] +1 210 403 7300	Nov-2022
	tolley.mccormick@energytransfer.com	No	tolley-mccormick-05543951
<b>Environmental Manager Senior Director Environmental Compliance</b>	Jacob Krautsch	[Phn.] +1 210 403 7300	Nov-2022
	jacob.krautsch@energytransfer.com	No	jacob-krautsch-43b562167
<b>Safety Manager Senior Director Environmental Compliance</b>	Jacob Krautsch	[Phn.] +1 210 403 7300	Nov-2022
	jacob.krautsch@energytransfer.com	No	jacob-krautsch-43b562167
<b>Utilities Manager</b>	Herbert Greene	[Phn.] +1 432 561 9505 / [Alt.] 432 940 8311	Nov-2022
	herbert.greene@energytransfer.com	No	
<b>Human Resource Manager</b>	Erica Brandt	[Phn.] +1 210 403 7300	Nov-2022
	erica.brandt@energytransfer.com	No	erica-brandt-1ba85937

Historical Reports			
Project Name	Report Date	TIV	Phase
MIDLAND GRASSROOT NGL PIPELINE	15-Dec-2014	1,000,000,000 USD	Preliminary Design (P1 - 07)
MIDLAND GRASSROOT NGL PIPELINE	26-Jan-2015	1,000,000,000 USD	Detailed Design (P1 - 09)
MIDLAND GRASSROOT NGL PIPELINE	15-Sep-2015	1,000,000,000 USD	Planning and Scheduling (E2 - 25)
MIDLAND GRASSROOT LONE STAR EXPRESS NGL PIPELINE	15-Dec-2015	1,000,000,000 USD	Construction - Merit Shop (C1 - 36)
MIDLAND GRASSROOT LONE STAR EXPRESS NGL PIPELINE	12-Dec-2016	1,000,000,000 USD	Completion/Start-Up (C1 - 41)

# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

**Capital PEC Report** **Project ID: 300180778**



**Project Name** BARSTOW GRASSROOT BARILLA DRAW CRUDE OIL PIPELINE LATERAL [PEC Activity Diagram](#)  
**Industry Code** 03 Oil & Gas Pipelines **Project Type** Grassroot  
**TIV (USD)** 25,000,000  
**SIC Code** 4612 Crude Petroleum Pipelines **Sector** Crude Pipelines  
**SIC Product** 4612\*0001 Crude Oil Pipelines  
**Status** Complete / Done **Last Update** 02-Oct-2015 **Initial Release** 10-Sep-2014  
**Environmental** Air (A) Land (L) **Construction Labor Preference** Unconfirmed  
**Operations Labor Preference** Union, Non-Unior



### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Market Extension	20 Miles (mi)		16 Inches (in)	

<b>Plant Owner</b> Hoover Energy Partners LP	<b>Plant Parent</b> Hoover Energy Partners LP
<b>Plant Name</b> Barstow Crude Oil Pump Station	<b>Unit Name</b>
<b>Plant ID</b> 3130904	
<b>Location</b> 134 FM 3398	<b>Phone</b> +1 432 527 3492
<b>City/State</b> Pecos, Texas 79772 U.S.A.	<b>Zone/County</b> TX*06, Ward

### Project Responsibility Project Company

**Project Director** Plains All American Pipeline LP  
 333 Clay Road Suite 1600  
 Houston, Texas 77002  
 U.S.A.

### Project Contact

Mike Walcavich  
 Regional Project Manager - West Texas  
 [Tel.] +1 713 646 4100  
 [E-Mail] mwalcavich@paalp.com (!)  
 Kyle Schuler  
 Project Manager - West Texas  
 [Tel.] +1 713 646 4100  
 [E-Mail] kcschuler@paalp.com (!) ; [LinkedIn]  
 kyle-schuler-6804b411

**Contracts Administrator** Plains All American Pipeline LP  
 333 Clay Road Suite 1600  
 Houston, Texas 77002  
 U.S.A.

Ross Stevenson  
 Contracts Manager  
 [Tel.] +1 713 646 4100  
 [E-Mail] rmstevenson@paalp.com (!) ; [LinkedIn]  
 rossmstevenson

**G/C** Pumpco Incorporated  
 P O Box 742  
 Giddings, Texas 78942  
 U.S.A.

Shawn Pruet  
 Project Manager  
 [Tel.] +1 979 542 9054

**G/C** Venable's Construction  
 1800 South Washington Avenue, Suite 315  
 Amarillo, Texas 79102  
 U.S.A.

Joe Davidson  
 Project Manager  
 [Tel.] +1 806 381 2121  
 [E-Mail]

### PEC® Timing C1

### PEC® Activity Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Plains All American with Pumpco (G/C Phase I) and Venable's Construction (G/C Phase II) continues with Final Commissioning for the Grassroot Barilla Draw Crude Oil Pipeline Lateral. DETAILS: Construct 20 miles of 16" transmission pipe to transport 150,000 BBL/d Permian Basin crude oil from a planned gathering system south of Pecos, TX to Plains' Barstow Pump Station, and a second phase of 28 miles of 16" from Barstow to Wink, TX. REQUIRES: Site Preparation, Trenching, Excavation, 16" Diameter Pipe, Headers, Pump Station Interconnection, Flanges, Control Valves, Block Valves, Flow Metering, Custody Transfer, Pig Launching & Receiving, Road Crossings, MCC, Coatings plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment, Liners.

**Schedule** Plains All American with Pumpco and Venable's Construction continues with Final Commissioning through 3Q15 (Sep). Plains All American with Pumpco and Venable's Construction releases remaining Equipment RFQ's and Bid Documents plus reviews and selects remaining Subcontractors as needed 2Q15 (Jun). Construction Phase I Commenced 1Q15 (Mar). Construction Commenced on Phase II 2Q15 (Apr). Expected Project Completion 3Q15 (Sep).

### Project Milestones

<b>AFE</b> 201411	<b>Sub Bid Doc</b> 201506	<b>Completion</b> 15-Sep-2015	<b>Precision</b> QUARTER
<b>Equip RFQ</b> 201506	<b>Kick-Off</b> 201503	<b>Kickoff Slippage</b> 3 Months	<b>Duration</b> 7 Months

<b>Engineering</b> Civil	Electrical	Environmental	Instrumentation Mechanical
<b>Contracting</b>		Environmental	

**Project Key Needs** Civil/Site Control Room  
 Instrumentation Electrical Mechanical NDE  
 Piping/Fittings Insulation/Coatings Environmental Utilities Valves  
 Communications Transportation

**Matter Phase** Liquid

### Energy

**Buy** Electricity  
**Sell**

### Plant Standard Contacts

Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
-------------------------	---------------------	-------------------	---------------------

## Exhibit GPLDC-1b

<b>Plant Manager</b>	Justin Nicholson jlnicholson@paalp.com	[Phn.] +1 432 527 3492 No	Aug-2022 justin-nicholson-32b38521
<b>Maintenance Manager</b>	Justin Nicholson jlnicholson@paalp.com	[Phn.] +1 432 527 3492 No	Aug-2022 justin-nicholson-32b38521
<b>Purchasing Manager</b>	Kevin Howard khoward@paalp.com	[Phn.] +1 713 646 4100 No	Aug-2022 kevin-howard-c-p-m-b801b133
<b>Engineering Manager</b>	William Crochet	[Phn.] +1 713 646 4100	Aug-2022
<b>Senior Director of Engineering, Capital Projects</b>		No	william-crochet-50a25b146
<b>Environmental Manager</b>	Justin Nicholson jlnicholson@paalp.com	[Phn.] +1 432 527 3492 No	Aug-2022 justin-nicholson-32b38521
<b>Safety Manager</b>	Justin Nicholson jlnicholson@paalp.com	[Phn.] +1 432 527 3492 No	Aug-2022 justin-nicholson-32b38521
<b>Utilities Manager</b>	Justin Nicholson jlnicholson@paalp.com	[Phn.] +1 432 527 3492 No	Aug-2022 justin-nicholson-32b38521
<b>Human Resource Manager</b>	Olivia Battle	[Phn.] +1 713 646 4232 No	Aug-2022

### Historical Reports

Project Name	Report Date	TIV	Phase
BARSTOW GRASSROOT CRUDE OIL PIPELINE LATERAL	10-Sep-2014	25,000,000 USD	Preliminary Design (P1 - 07)
BARSTOW GRASSROOT CRUDE OIL PIPELINE LATERAL	07-Nov-2014	25,000,000 USD	Preliminary Engineering (E2 - 22)
BARSTOW GRASSROOT CRUDE OIL PIPELINE LATERAL	06-Feb-2015	25,000,000 USD	Preliminary Engineering (E2 - 22)
BARSTOW GRASSROOT CRUDE OIL PIPELINE LATERAL	30-Mar-2015	25,000,000 USD	Construction - Union (C1 - 35)
BARSTOW GRASSROOT CRUDE OIL PIPELINE LATERAL	11-Jun-2015	25,000,000 USD	Construction - Union (C1 - 35)
BARSTOW GRASSROOT BARILLA DRAW CRUDE OIL PIPELINE LATERAL	05-Aug-2015	25,000,000 USD	Construction - Union (C1 - 35)
BARSTOW GRASSROOT BARILLA DRAW CRUDE OIL PIPELINE LATERAL	20-Aug-2015	25,000,000 USD	Final Commissioning (C1 - 40)
BARSTOW GRASSROOT BARILLA DRAW CRUDE OIL PIPELINE LATERAL	02-Oct-2015	25,000,000 USD	Completion/Start-Up (C1 - 41)



# Exhibit GPLDC-1b

\*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report Project ID: 300090738



**Project Name** NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING  
**Umbrella Project Name** PERMIAN EXPRESS PIPELINE PROJECT

[PEC Activity Diagram](#)  
**Umbrella Project Count** 7

### Umbrella Project Summary

<b>Industry Code</b> 03 Oil & Gas Pipelines	<b>Project Type</b> Pipeline Addition
<b>TIV (USD)</b> 300,000,000	
<b>SIC Code</b> 4612 Crude Petroleum Pipelines	<b>Sector</b> Crude Pipelines
<b>SIC Product</b> 4612*0001 Crude Oil Pipelines	
<b>Status</b> Complete / Done	<b>Last Update</b> 29-Jul-2015 <b>Initial Release</b> 31-Aug-2012
<b>Environmental</b> Air (A) Land (L)	<b>Construction Labor Preference</b> Non-Union
	<b>Operations Labor Preference</b> Non-Union



### Pipeline Installation Details

Installation Type	Pipeline Length	Unit of Measure	Pipeline Diameter	Unit of Measure
Greenfield	334	Miles (mi)	20	Inches (in)

<b>Plant Owner</b> Permian Express Partners LLC	<b>Plant Parent</b> Energy Transfer LP
<b>Plant Name</b> Colorado City Crude Oil Pump Station	<b>Unit Name</b>
<b>Plant ID</b> 3078921	
<b>Location</b> 3250 County Road 4156	<b>Phone</b> +1 325 728 3162
<b>City/State</b> Hermleigh, Texas 79526 U.S.A.	<b>Zone/County</b> TX*01, Scurry

### Project Responsibility Project Company

Project Responsibility	Project Company	Project Contact
<b>Project Manager</b>	Sunoco Logistics Partners LP 1 Fluor Daniel Drive Sugar Land, Texas 77478 U.S.A.	Bob Moon Project Engineer [Tel.] +1 281 637 6200 [E-Mail] rlmoo@sunocologistics.com ; [LinkedIn] bob-moon-2b21517
<b>Project Manager</b>	Sunoco Logistics Partners LP 1 Fluor Daniel Drive Sugar Land, Texas 77478 U.S.A.	Phillip Roberts Operations Development Manager [Tel.] +1 281 637 6200
<b>Project Director</b>	Sunoco Logistics Partners LP 1 Fluor Daniel Drive Sugar Land, Texas 77478 U.S.A.	Jimmy Torbet Project Manager [Tel.] +1 281 637 6200
<b>Project Executive</b>	Sunoco Logistics Partners LP 1 Fluor Daniel Drive Sugar Land, Texas 77478 U.S.A.	Raj Devarpiran Engineering Manager [Tel.] +1 281 637 6200
<b>Planning &amp; Scheduling</b>	Sunoco Logistics Partners LP 1 Fluor Daniel Drive Sugar Land, Texas 77478 U.S.A.	Chris Martin Business Dev. Manager [Tel.] +1 281 637 6200
<b>Eng</b>	Rooney Engineering Incorporated 12201 East Arapahoe Road C-10 Englewood, Colorado 80112 U.S.A.	Mark Johnke Vice President Engineering [Tel.] +1 303 792 5911
<b>G/C</b>	Strike Construction LLC 831 Crossbridge Drive Spring, Texas 77373 U.S.A.	Matt Cook Project Manager [Tel.] +1 281 362 9708
<b>G/C</b>	Pumpco Incorporated P O Box 742 Giddings, Texas 78942 U.S.A.	Alan Roberts Construction Director [Tel.] +1 979 542 9054 [E-Mail] alan@pumpco.cc

### PEC® Timing C1

### PEC® Activity Completion/Start-Up

**Project Probability** Completed (100%)

**Scope** Sunoco Logistics awards Rooney Engineering, Pumpco (Spreads 1 and 2 Pipe Construction) and Strike Construction (Spreads 3 and 4 Construction) continues with Final Commissioning on a Crude Oil Pipeline Twinning Expansion. DETAILS: As Phase 2 of 2 of the Permian Express Project. Construct 334 miles of 26"- and 20"-diameter pipeline to follow existing Right-Of-Ways of the West Texas Gulf Pipeline, then the under-construction Permian Express Phase 1 (Proj: 300090557) to transport 200,000 BBL/d of crude oil from Colorado City, Midland, and Garden City in the Permian Basin to Sunoco Logistics' Nederland Terminal. REQUIRES: Trenching, Site Preparation, 20" & 26" Diameter Transmission Pipe, Cathodic Protection, Pig Launching, Coatings, Custody Transfers, Metering, Control/Block Valves plus Controls. ENVIRONMENTAL: (A) Leak Detection; (L) Containment.

**Schedule** Sunoco Logistics with Rooney Engineering, Pumpco, and Strike continues with Final Commissioning through 3Q15 (Jul). Sunoco Logistics Inspection and Commissioning Subcontractor Bid Documents 2Q15 (Apr). Construction Commenced 4Q14 (Oct). Expected Project Completion 3Q15 (Jul).

# Exhibit GPLDC-1b

<b>Project Milestones</b>	AFE 201310	Sub Bid Doc 201504	Completion 15-Jul-2015	Precision WEEK
	Long-Lead 201408	Equip RFQ 201504	Kickoff Slippage 12 Months	Duration 10 Months
Engineering				
Contracting		Environmental		
Project Key Needs			NDE	
	Insulation/Coatings	Environmental		
<b>Matter Phase</b>		Liquid		
Energy				
Buy	Electricity			
Sell				

Plant Standard Contacts			
Functional/Actual Title	Contact Name/E-mail	Telephone/On-site	QC Date/LinkedIn ID
<b>Plant Manager</b>	Leland Hastings	[Phn.] +1 325 671 8040	May-2023
<b>Director of Operations</b>	lhastings@sunocologistics.com	No	leland-hastings-2300687a
<b>Maintenance Manager</b>	Leland Hastings	[Phn.] +1 325 671 8040	May-2023
<b>Director of Operations</b>	lhastings@sunocologistics.com	No	leland-hastings-2300687a
<b>Purchasing Manager</b>	Leland Hastings	[Phn.] +1 325 671 8040	May-2023
<b>Director of Operations</b>	lhastings@sunocologistics.com	No	leland-hastings-2300687a
<b>Engineering Manager</b>	Levi Christopher	[Phn.] +1 210 403 7300	May-2023
<b>Project Engineer</b>		No	levi-c
<b>Environmental Manager</b>	Scott Clements	[Phn.] +1 225 906 9297	May-2023
	scott.clements@energytransfer.com	No	rscléments
<b>Safety Manager</b>	Dorothy Rurak	[Phn.] +1 713 989 7000	May-2023
<b>Senoir Manager - Safety</b>		No	
<b>Utilities Manager</b>	Leland Hastings	[Phn.] +1 325 671 8040	May-2023
<b>Director of Operations</b>	lhastings@sunocologistics.com	No	leland-hastings-2300687a
<b>Human Resource Manager</b>	Erica Brandt	[Phn.] +1 210 403 7300	May-2023
	erica.brandt@energytransfer.com	No	erica-brandt-1ba85937

Historical Reports			
Project Name	Report Date	TIV	Phase
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	31-Aug-2012	300,000,000 USD	Capital Estimating (P1 - 12)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	28-Jun-2013	300,000,000 USD	Capital Estimating (P1 - 12)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	27-Aug-2013	300,000,000 USD	Detailed Design (P1 - 09)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	10-Oct-2013	300,000,000 USD	Preliminary Engineering (E2 - 22)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	31-Jan-2014	300,000,000 USD	Preliminary Engineering (E2 - 22)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	29-Apr-2014	300,000,000 USD	Detailed Engineering (E2 - 31)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	26-Sep-2014	300,000,000 USD	Detailed Engineering (E2 - 31)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	07-Nov-2014	300,000,000 USD	Construction - Merit Shop (C1 - 36)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	29-Jan-2015	300,000,000 USD	Construction - Merit Shop (C1 - 36)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	22-Jun-2015	300,000,000 USD	Final Commissioning (C1 - 40)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	07-Jul-2015	300,000,000 USD	Final Commissioning (C1 - 40)
NEDERLAND PERMIAN EXPRESS PHASE II CRUDE OIL PIPELINE TWINNING EXPANSION	29-Jul-2015	300,000,000 USD	Completion/Start-Up (C1 - 41)