



P66PL-SCH-0004

Skelly-Belvieu Pipeline Scheduling and Shipping Guidelines

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Document Summary

Document establishes the expectation to the Pipeline Scheduler and Shipper for how the Skelly-Belvieu Pipeline system will be scheduled to achieve operational efficiency while maintaining shipper equity.

Disclaimer

This standard is subject to revision at any time and will be reviewed according to the procedures of Phillips 66 Pipeline LLC and reaffirmed, revised, or withdrawn. Suggestions for improvement of this standard are welcome and they should be sent to the Standardization Engineer.

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Table of Contents

1. Purpose.....	3
2. System Description	3
3. Tenders and Nomination.....	4
4. Batch Accounting	6
5. Product Specifications and Quality Handling.....	7
6. Proration	9
7. Contacts.....	10
8. Reference.....	10
Revision/Approval Log	11

1. Purpose

The purpose of these guidelines is to establish the expectation to the Shipper for how Skelly-Belvieu Pipeline system will be scheduled to achieve operational efficiency while maintaining shipper equity. It is not intended to supersede the published Rules and Regulations, but to be used as a complimentary document designed specifically for Scheduling.

2. System Description

Skelly-Belvieu Pipeline is a common carrier pipeline that operates as a joint venture between Phillips 66 Pipeline and Enterprise Products. The pipeline originates at Skellytown, TX where it receives from three supply points: Phillips 66, MAPL, and Valero. The pipeline terminates at Mt. Belvieu, TX.



2.1. Origin and Destination Facilities

Origin
Skellytown, TX
Destination
Mt Belvieu, TX

2.2. Linefill

Water Linefill for the system is approximately 197.0mb.

2.3. Capacity and Flow Rate

Stated system capacity is 43.2 mbd with maximum flow rates ranging from 1,550bph to 1,875bph depending on the linefill makeup and origin location. Minimum flow rate is 1200 bph.

2.4. Tariff

The Skelly-Belvieu Pipeline LLC tariff and rules and regulations FERC No. 18.11.0 offers rates for committed and uncommitted shippers on the Skelly-Belvieu Pipeline System. Shipment nominations are accepted under firm, contractually committed space, and uncommitted space per the published tariff.

3. Tenders and Nomination

3.1. Nominations

3.1.1. Shippers on Skelly-Belvieu Pipeline will be able to nominate barrels in committed and uncommitted space. Each Shipper will have two codes, one for committed space and the other for uncommitted space. Shippers will submit separate pipeline nominations in the Phillips66 volumetric accounting system, TRAC⁶⁶ for committed and uncommitted space. Once a nomination is created, a unique ID is assigned that will be attached to every tender that ships. This ID carries all of the nomination information.

3.1.2. Shippers are required to submit nominations by the 15th of the month prior and will be in bulk and will designate, among other things, product, origin, destination, and projected component breakdown (if applicable). Shippers are required to submit a projected nomination for each commodity for the month. The Phillips 66 scheduler will accept nominations for shipment on Skelly-Belvieu based on contractual commitments and available space.

3.2. Minimum Batch Size

Per the Skelly-Belvieu Pipeline Company, LLC tariff, minimum batch size is 10MB.

3.3. Schedule Publishing

Once all Nominations have been approved, Phillips66 Scheduling will require complete information such as the updated batch size, readiness of tenders to lift, and desired timing to/from a connected facility. Updates will be submitted through batch changes using comments in TRAC66 or by direct email to the Scheduler. This information will be used to develop individual batch tenders from the Nominations in the published schedule.

3.3.1. The schedule will be created with the target of publishing a firm 7 days forward outlook with more flexibility over the balance of the month. Changes will be accepted as it is understood that shippers may not be able to provide exact lift dates and times from the connected facilities weeks in advance.

3.3.2. Schedules will be published to reflect nomination or operational changes including significant changes in batch pump and delivery times, customer re-consignment, batch size changes, or origin change. During normal business hours, schedules will be updated regularly and published to TRAC66 with changes. Off-hours and weekends, the scheduler will notify the shipper when the published schedule updates will be available upon acceptance of the change.

3.3.3. Email alerts will be provided for updated schedules to shippers, connected carriers, and customers and the Published Schedule will be available in TRAC66.

3.4. Coordination

All connected facilities at Origin and Destination will have access to the current Skelly-Belvieu published schedule by origin and destination.

Shippers desiring to align deliveries with connected carrier pump schedules should communicate these requirements to the Pipeline Scheduler who will work on a best-efforts basis to fulfill the timing request and notify Shippers promptly of timing conflicts or delays.

3.5. Notification of Delays

The Pipeline Scheduler will make best efforts to notify shippers of delays in pump or delivery timing in excess of 3 hours from the original published schedule. Notification will include changes to pump and delivery times and nature of the delay when known. The Bartlesville Control Center will communicate changes in timing with connected carriers related to delays.

3.6. Nomination Updates and Changes

3.6.1. 3 days of advance notice is requested for changes, spot or walk-up movements to allow adequate time for coordination of pump and delivery windows with connected facilities and carriers. Exceptions to the 3 day timing will be approved on an “as available” basis at the sole discretion of Phillips 66.

3.6.2. Firm, committed space will be reserved for shippers contracted daily volume (MBD) commitment. Walk-up or spot shipments will be accepted on an as-available basis above the accepted monthly approved nominations.

3.7. Shipper Responsibility

The contracted Shippers are responsible for nominating and shipping under Skelly-Belvieu Pipeline Company, LLC tariff guidelines to ensure credit for committed and uncommitted volumes. The Shipper will be responsible to alert Phillips66 Scheduling if they foresee any issues with their batch timing within the 7 day schedule timeframe at either Origin or Destination Facilities in a timely manner.

NOTE: If conflicts within the connected facilities cause delays on the pipeline, the shipper will be responsible for working a resolution with that facility.

4. Batch Accounting

4.1. Metering

Location	Connected Facility	Meter Type	Custody Transfer
Skellytown Station	Phillips 66, Valero, MAPL	Receipt	Skelly-Belvieu Pipeline
Mont Belvieu Station	Enterprise Products	Delivery	Enterprise

4.2. Ticketing and Batch Cuts

- 4.2.1. Operational deliveries of products with published specifications will be scheduled on Skelly-Belvieu Pipeline. The Phillips 66 Scheduler will publish the pipeline schedule to the Phillips 66 meter at Skellytown Station and the Enterprise meter at Mt. Belvieu. All final meter tickets are available in TRAC66 via transaction search.
- 4.2.2. At Skellytown, Butane, Isobutane, and propane products will be ticketed on a barrel volume basis.
- 4.2.3. At Skellytown, EP Mix, PP Mix (RGP), and Y grade (raw NGL) tickets for total barrel volume and mass-pounds will be converted to component barrel (and gallon) volume and mass-pounds using the compositional analysis for the batch. . Each shipper product batch will be sampled in a composite sampler for compositional analysis. A ticket cancel and rebilling will occur when compositional analysis is applied to the final product batch receipt ticket.
- 4.2.4. At Mt. Belvieu, placeholder delivery tickets will be adjusted to the connecting carrier custody meter and compositional analysis to finalize the delivery ticket volume.
- 4.2.5. Enterprise Products, Mont Belvieu Facility personnel will make all cuts at their facility and provide tickets to Phillips 66. Tickets for each Enterprise delivery will be matched to the corresponding Phillips 66 batch number on the schedule. For Propylene-Propane Mix (RGP),
- 4.2.6. Enterprise Products, Mont Belvieu has requested that a 300 barrel buffer of Normal Butane (NNB) be placed on each side for quality purposes.

Interfaces (Slop or Transmix)	TRAC ⁶⁶ Code
Propane/EP Mix	PEP
Butane/EP Mix	BEP

4.3. Line Fill and Inventory

Shippers may access daily line fill inventory in TRAC66 which is updated daily at 07:00 based on accumulated meter readings and validated by the scheduler the next working day by 10:00. Shippers can also access in-progress events in TRAC66 operational data including hourly meter readings and completed batches.

4.4. Loss/Gain and Transmix

Mont Belvieu Facility will provide custody delivery ticketing and measurement data to Carrier for Loss/Gain calculation. Carrier may adjust any overage or shortage of products with Shippers to allow for inherent losses and gains, including but not limited to shrinkage, evaporation, interface mixture, product measurements, and other physical losses not due to negligence of the carrier. Shipper is solely responsible for and shall bear the physical and economic impact of all losses attributable to its Natural Gas Liquids refined products. Loss/Gain volumes are distributed pro-rata by shipper, by product based on calendar month pipeline deliveries.

4.4.1. It is the individual Shipper’s responsibility to balance components for loss and gain tracking. Carrier will work with its Shippers, connected pipelines, and connected origins in this regard to function as a source of information to ensure confidentiality.

4.5. Invoicing and Payment of Charges

Per the tariff, shipper is responsible for payment of transportation and all other charges applicable to the shipment. See local and joint tariffs for more information. Invoices for local tariff movements will be made available on the 6th work day of each month for all volumes delivered for that period and will be invoiced by Phillips 66 Pipeline LLC. Pipeline volumetric statements will be available through TRAC66, Phillips 66 Pipeline LLC’s volumetric accounting system. For more information on access and use of TRAC66, please contact Pipeline and Terminal Accounting Analyst (See contact information below).

5. Product Specifications and Quality Handling

5.1. Product Specifications

Published product specifications for the Skelly-Belvieu Pipeline are available at <http://www.phillips66pipeline.com> . Specifications are available for the following products:

Product Description	TRAC ⁶⁶ Code
E/P (Ethane-Propane Mix)	EP
Normal Butane	NNB
Propane	NP1
RGP (Propylene-Propane Mix)	PP
Iso-butane	NIB
Y Grade (Demethanized NGL Mix)	NY1

- 5.1.1. Shippers are responsible for confirming availability of connected carriers and terminals to receive nominated product grades.
- 5.1.2. Requests to ship non-approved product grades without published specifications, intermediates or other commodities must be submitted to the Pipeline Scheduler for review and consideration prior to nomination approval.

5.2. Batch Handling

Batches on Skelly-Belvieu Pipeline LLC will ship on a segregated basis from origin to destination. Connected facilities will be responsible for making protective batch cuts to protect the quality specification on behalf of the shipper and consignee.

- 5.2.1. For Propylene-Propane Mix (RGP), Mont Belvieu Facility has requested that a 300 barrel buffer of Normal Butane (NNB) be placed on each side for quality purposes.

5.3. Quality Oversight and Batch Certification

- 5.3.1. Shippers are required to comply with origin and destination connected facility quality oversight and certification requirements. Phillips 66 will ship batches on a segregated basis and will not be responsible for reviewing certifications for compliance with posted specifications. Shippers are responsible for monitoring batches for compliance with posted specifications on all carriers. Phillips 66 will deliver batches to an equivalent quality and specification as received.
- 5.3.2. Phillips 66 Pipeline personnel will be responsible for taking samples at Skellytown and sending to an external lab for analysis. There are currently 4 compositors at Skellytown Station: one for Valero RGP, one for Enterprise (MAPL) EP, one for PSX RGP, and one for PSX EP. These products are sampled for composition and copper strip. Samples are pulled to test for methanol in Y-Grade when pumped. Inline H₂S are both downstream of the meters so all three suppliers are monitored.
- 5.3.3. Enterprise will be responsible for taking samples at Mt. Belvieu. They currently test composition for EP, and RGP.

6. Proration

6.1. Description

- 6.1.1. Upon receipt of monthly nominations, the pipeline scheduler will assess Available Capacity to determine if nominated receipts are in excess of Available Capacity.
- 6.1.2. If proration is required, the Proration of Pipeline Capacity Rules and Regulations in FERC No. 18.11.0 will be applied to the proration month.
- 6.1.3. If an emergency occurs within the current month impacting Available Capacity, Phillips 66 may elect to allocate remaining Available Capacity on an equitable basis to alleviate the emergency condition.

6.2. Notification

- 6.2.1. When a proration has been called, shippers will be notified by letter in an email of the proration and allocated capacity bases on nominations for the month. Shippers will be notified of the deadline for revising nominations requirement in the tariff.
- 6.2.2. If during a proration month, shippers reduce nominations to a level where capacity is available on the system, carrier may elect to lift the proration and open available space for equitable allocation to shippers.

6.3. Basis

History and allocation for the month will be calculated on a MBPD (thousands of barrels per day) basis and converted to a monthly total based on the number of days in the proration month.

6.4. Process

Shippers should reference “Proration of Pipeline Capacity” Rules and Regulations in FERC No. 18.11.0 for the allocation and notification process for contract, priority, and new or regular shippers.

7. Contacts

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Logistics		
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Accounting		
Accounting Department	Group Mailbox	Email: RSCPipelineandTerminalMISC@p66.com

8. Reference

8.1. FERC No. 18.11.0

Skelly-Belvieu Pipeline Company, L.L.C Tariff and Rules and Regulations

(End of Document)

Revision/Approval Log

Revision/Approval Log				
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0	2015-12-21	Initial issue.	Gretchen Wendtland	Douglas Sauer