



TARGA BADLANDS LLC

**TEN YEAR PLAN
NORTH DAKOTA**

July 18, 2014

Targa Badlands LLC
Ten Year Plan North Dakota
July 18, 2014

Section A: Existing Energy Conversion Facilities

Part I - Little Missouri Gas Plant

1. The plant is located in Township 149N, Range 98W, Section 29, south of Watford City.
2. The plant utilizes cryogenic processing technology to process gas high in natural gas liquids (NGLs). The process involves removal of moisture and acid gases, followed by fractionation of the raw NGLs into purity products that include propane, iso-butane, normal butane, and natural gasoline. These products are transported off site by truck for sale. The residue gas is added to the Northern Border Pipeline.

Plant Property Area: 49 acres

Plant Inlet Gas Rate: 50 million standard cubic feet per day

Maximum Design Operating Pressure: 1000 psi

Residue Gas Production: 30 mscf

Compressor specifications, including type, horsepower, output pressure and capacity

- i. Type - Waukesha (6); Caterpillar (5)
- ii. Waukesha - 675 Hp (avg); Caterpillar - 460 Hp (avg)
- iii. Output pressure - 1400 psia
- iv. Total compression horsepower - 6356

NGL Production: 4,000 barrels

Plant in-service date: July 2011

Section B: Energy Conversion Facilities Under Construction

Targa Badlands, LLC does not have any energy conversion facilities under construction.

Section C: Proposed Energy Conversion Facilities on Which Construction is Intended Within the Ensuing Five Years

Targa Badlands, LLC is planning for an expansion of the "Little Missouri Gas Plant". The expansion would increase the processing capacity from 45 million standard cubic feet per day to 90 million standard cubic feet per day. The plant, upon completion would possess the characteristics below:

Capacity: 40 million standard cubic feet per day

Plant Property Area: 40 acres

Plant Inlet Gas Rate: 40 million standard cubic feet per day

Maximum Design Operating Pressure: unknown at this time

Residue Gas Production: unknown at this time

Compressor specifications, including type, horsepower, output pressure and capacity

- i. Type - Caterpillar (2)
- ii. Caterpillar - 1380 Hp

- iii. Output pressure - 1423 psia
 - iv. Total compression horsepower - 2760
- NGL Production: unknown at this time
Plant in-service date: unknown at this time

**Section D: Proposed Energy Conversion Facilities During
The Next Ten-Year Time Period**

Targa Badlands is not planning to construct any new gas plants in the next ten years in North Dakota.

Section E: Existing Transmission Facilities (Electric)

Targa Badlands LLC is not in the electricity transmission business.

Section F: Existing Transmission Facilities (Pipeline)

1. See the attached map of the new town to Stanley pipeline.
2. The current pipeline system has the following characteristics:
 - a. Current Product type-crude oil
 - b. Length of facility in miles — 31
 - c. Pipe size - 8.625 inches O.D.
 - d. Maximum design pressure – 1440 psig;
Current maximum operating pressure – 1000 psig
 - e. Maximum design flow rate-48,960 BPD (barrels per day); Current maximum flow rate (Propane) –7,000 BPD
 - f. Pumping Station Specifications Including Type, Horsepower, Output Pressure, and Capacity:
 - i) Type- Redia (2) and National (2)
 - ii) Redia – 1000 Horsepower Electric Motor; National – 200 Horsepower Electric Motor
 - iii) Current Discharge Pressure:
Redia: 1480 psig
National: 160 psig
 - iv) Capacity:
Redia: 1042 barrels per hour
National: 2500 barrels per hour
 - g. Minimum cover over pipe – 60 inches
 - h. New town ND Terminal: 30,000 barrels of storage capacity and Stanley ND Terminal: 25,000 barrels of storage capacity.
3. The pipeline system and associated pump stations and storage terminals were placed into service in 2013 and 2014.
4. Due to increasing production of crude oil in North Dakota Targa Resources LP is constructing a pipeline originating in New town and terminating in Stanley. This pipeline will be utilized to transport crude oil gathered on the Van Hook peninsula and

delivered to a transmission pipeline in Stanley for ultimate transport to refiners in the Midwest. The pipeline will remain in crude oil service beyond 2025. There are no facilities contemplated for retirement within the next ten years.

Section G: Proposed Transmissions Facilities on Which Construction is Intended Within the Ensuing Five Years (Electric)

This section does not apply to Targa Resources LP.

Section H: Proposed Transmission Facility in Which Construction is Intended Within The Ensuing Five Years (Pipeline)

No new construction within North Dakota in the ensuing five-year period. Pipeline and pump station maintenance is anticipated, including the removal of check valves, the modification of pump station piping, and the addition of Drag Reducing Agent (DRA) injection skids to facilitate the flow of the pipeline for crude oil.

Section I: Proposed Transmission Facilities During the Next Ten-Year Time Period (Electrical and Pipeline)

There are no present plans to construct additional facilities within North Dakota during the next ten-year time period.

Section J: Regional Coordination

At this time, Targa Badlands does not expect to require any additional utilities within the state of North Dakota as part of the pipeline construction project. However, should the situation change and additional utilities requirements be necessary, it is Targa Badlands policy to coordinate and communicate our needs to other utilities at the onset.

Section K: Environmental Information

Environmental information gathered and prepared to obtain the existing route permit is available.

Section L: Delivery Volumes

At the Stanley terminal, the pipeline delivers crude oil to a transmission pipeline. The following volumes have been delivered since the commissioning of the pipeline in November 2013:

December 2013	66 MBBL ¹
January 2014	169 "
February 2014	140 "
March 2014	153 "
April 2014	197 "
May 2014	254 "

Monthly volumes of crude oil are anticipated to increase each year as new production wells are completed and connected to the gathering pipelines which deliver crude oil to the New Town to Stanley pipeline.

¹ (MBBL = thousand barrels)