Appendix F

10-Year Plan

February 6, 2012

Darrell Nitschke
North Dakota Public Service Commission
600 E. Boulevard Ave, Dept 408
Bismarck, ND 58505-0480

RE: Ten Year Plan

Dear Mr. Nitschke,

Pursuant to North Dakota Century Code Chapter 49-22, Magellan Pipeline Company, L.P. hereby submits its 2012 Ten Year Plan. Please direct all future correspondence regarding this report to my attention.

Respectfully submitted,

Tina R. Granger
Manager, Business Analysis & Pipeline Tariffs
One Williams
Tulsa, OK
(918) 574-7415
Tina.granger@magellanlp.com

cc: Bill Klein, Manager Real Estate

Attachments

MAGELLAN PIPELINE COMPANY, L.P.
(“Magellan”)

TEN-YEAR PLAN REPORT

CHAPTER 49-22, NDCC

2012

Section A. Existing Energy Conversion Facilities

Not Applicable

Section B. Energy Conversion Facilities Under-Construction

Not Applicable

Section C. Proposed Energy Conversion Facilities On Which Construction Is Intended Within The Ensuing Five Years

Not Applicable

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

Not Applicable

Section E. Existing Transmission Facilities (Electric)

Not Applicable

Section F. Existing Transmission Facilities (Pipeline)

1. Location: See attached map.

2. Type and Capacity

    a. Product Type – *petroleum products*

    b. Length in Miles – *88.543 miles*

    c. Pipe Diameter
    6" diameter pipeline (82.511 miles)
    8" diameter pipeline (6.032 miles)

    d. Maximum Operating Pressure
    6" pipe 950 MAOP (Maximum Allowable Operating Pressure [psi])
    8" pipe 1100 MAOP

    e. Maximum Flow Rate
    6" pipe – 17,400 barrels per day based on MAOP
    8" pipe – 28,800 barrels per day based on MAOP

f. Pump Station Specifications

1) Fargo
Prime Mover – 810 HP Dual Fuel (Diesel or Natural Gas) Engine
Pump Centrifugal
Capacity – 1,000 bph
Pressure – 1,023 psi @ 0.86 sp. Gravity

2) Hillsboro
Prime Mover – 600 HP Electric Motor
Pump Centrifugal
Capacity – 1,000 bph
Pressure – 1,023 psi @ 0.86 sp. Gravity

3) Buxton
Prime Mover – 700 HP Electric Motor
Pump Centrifugal
Capacity – 1,000 bph
Pressure – 1,154 psi @ 0.86 sp. Gravity

g. Minimum Cover Over Pipe – *Approximately 30 inches*

3. In Service Dates
6" pipe – 1946
8" pipe - 1954

4. Projected Retirement within the next ten-year period – *No retirements are proposed within the next ten-year period.*

Section G. Proposed Transmission Facilities On Which Construction Is Intended Within The Ensuing Five Years (Electric)
Not Applicable

Section H. Proposed Transmission Facilities On Which Construction Is Intended Within The Ensuing Five Years (Pipeline)
Proposed Transmission facilities within the next five years includes the West Fargo relocation project which is approximately a 2,300 foot relocation of two existing co-located pipelines (#6 inch and #8 inch) leading into the Magellan Fargo Terminal. The pipelines must be relocated to accommodate a North Dakota Department of Transportation roadway expansion project over the existing pipeline location.

Section I. Proposed Transmission Facilities During The Next Ten-Year Time Period (Electric And Pipeline)

No expansion projects are proposed during the next ten-years.

Section J. Regional Coordination

The existing pipelines provide transportation of refined petroleum products between Fargo and Grand Forks for distribution in North Dakota and western Minnesota.

Based on the demand forecast for such products, these facilities should have sufficient capacity to satisfy energy needs.

No recommendations in regard to regional coordination. Existing facilities are highly reliable.

Section K: Environmental Information

The existing 6" and 8" pipelines have been in service since l946 and l954 respectively. The pipeline is buried and does not interfere with land use, which enhances the environmental acceptability. Pumping stations exist on small remote sites with minimal environmental exposure.

The two product loading terminals at Fargo and Grand Forks have bottom loading truck racks with vapor collection and vapor combustors that substantially reduce the amount of hydrocarbon vapors (volatile organic compounds) emitted into the atmosphere. In addition, both terminals have monitor wells in place to monitor for potential groundwater contamination. No changes are anticipated in the future.

Section L: Projected Demand For Service

1. Magellan's terminal facilities have experienced fluctuations both up and down for petroleum product truck loadings over the past ten years. Eight of the last ten years have seen an increase in loadings while only two, 2004 and 2007, have had declines. 2011 was an increase of 5% over 2010 which was an increase of 11% over 2009. January of 2012 had a slight increase over 2011 but was 31% over 2010. The growth overall from 2002 through 2011 has been an increase of approximately 19%.

2. Future growth projections in North Dakota for Magellan's pipeline system are based on known operating conditions, competitive activities, historical deliveries, and identified new business opportunities at each terminal. These projections are compared with the present and future physical capacity of the system and with slightly larger economic trends, such as projected growth in gross national product and energy demand, in order to arrive at a consensus projection on demand. It should be noted that deliveries made at the North Dakota terminals will have some portion of the product finally delivered by other means to adjoining states.

   We currently anticipate there will be spare capacity for the next ten years.

3. Magellan operates refined petroleum product terminals at Fargo and Grand Forks. Fargo and Grand Forks are directly connected by pipeline. In addition, Magellan is capable of delivering to two shipper-operated terminals (Western and Burlington Northern) in Grand Forks.

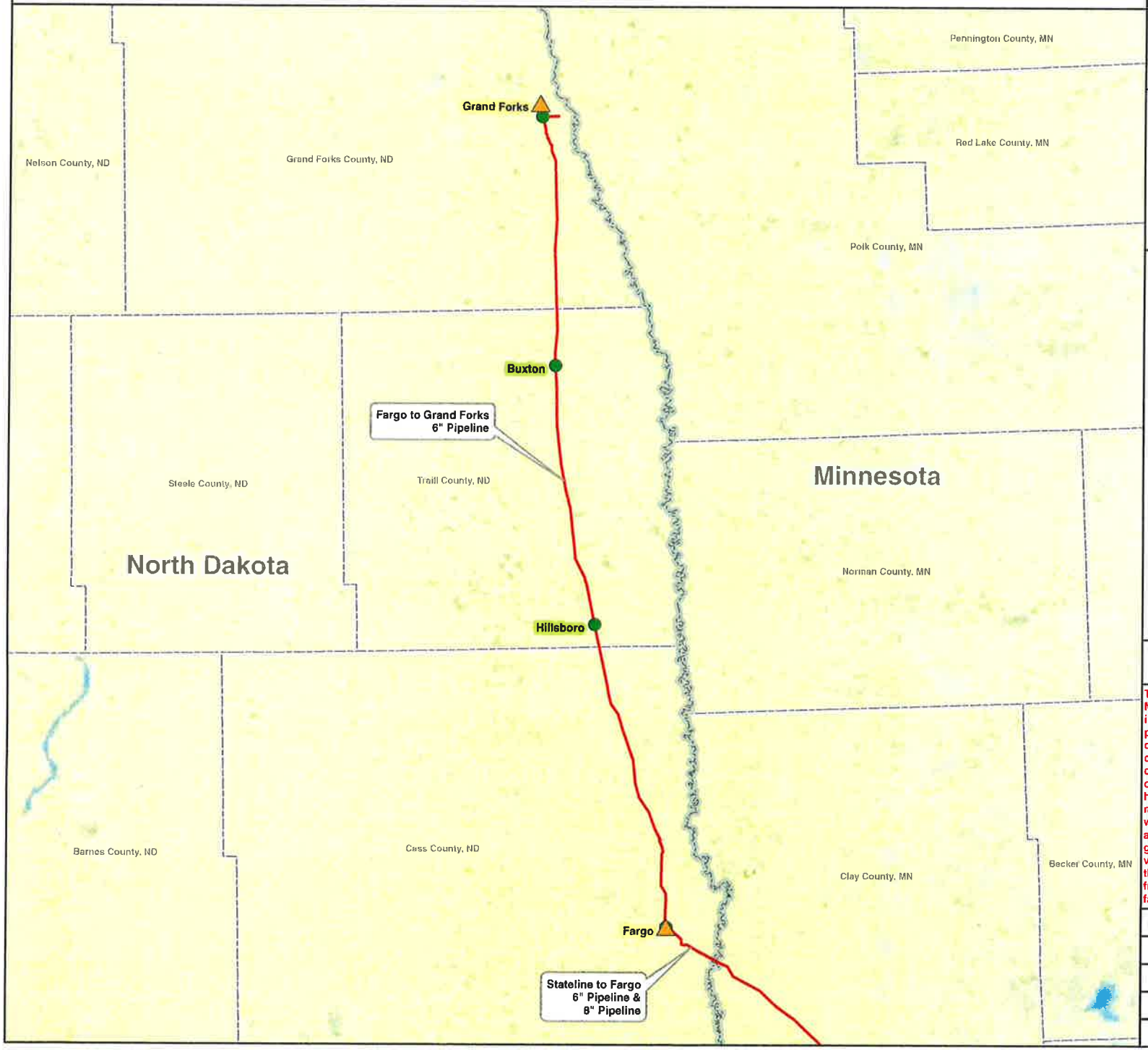
4. Tesoro has a refinery located at Mandan, ND. Refined products are trucked and railed from Mandan, and also shipped east via pipeline to supply the Jamestown area, eastern North Dakota and Minnesota.

5. NuStar Energy L.P. has two terminal facilities at Jamestown.

6. Cenex has a pipeline which originates at their refinery in Laurel, MT and transports refined product to their terminal at Minot, ND and to the Magellan pipeline system at Fargo, ND.

7. Canadian refined petroleum products are also distributed into North Dakota.

MAGELLAN NORTH DAKOTA PIPELINE SYSTEM



MAGELLAN
MIDSTREAM PARTNERS, L.P.

811 Know what's below. Call before you dig.

N
W E
S

Legend

- Terminal
- Pump Station
- Magellan Pipeline (Approx. Location)
- States
- County

For Actual Pipeline Location Contact Magellan Rep.

0 19,000 38,000 76,000 114,000
Feet

Drawn By:	Darwin Henrichsen
Magellan Rep:	
Real Estate Rep:	Cynthia Pierce
MPL Project #:	North Dakota 10 Year Plan
Date:	01-06-12