



## BRIDGER PIPELINE LLC

455 NORTH POPLAR  
P.O. BOX 2360  
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307-237-9301  
307-266-0383 FAX



June 12, 2015

Secretary to the Commission  
North Dakota Public Service Commission  
State Capital Building  
600 E. Boulevard Ave. Dept 408  
Bismarck, North Dakota 58505-0480

Dear Sir:

Attached are ten (10) copies of Bridger Pipeline LLC's 2015 Ten Year Plan. If you need additional information, please call me at 307-237-9301.

Sincerely,

Robert Stamp  
Commercial/Engr Supervisor  
Bridger Pipeline LLC

Cc: Tad True, Casper

TEN YEAR PLAN – June 12, 2015

BRIDGER PIPELINE LLC

- A.) Bridger Pipeline Company has no energy conversion facilities.
- B.) Bridger has no energy conversion facilities under construction.
- C.) Bridger does not plan on constructing any energy conversion facilities within the next five (5) years.
- D.) Bridger does not plan on constructing any energy conversion facilities within the next ten (10) years.
- E.) Not applicable.
- F.)
  - 1. System maps are included.
  - 2. Type and Capacity
    - a. Product type: Crude Oil.
    - b. Length of facilities:
      - Fryburg to Baker, MT - 77 miles total; 44 miles in North Dakota.
      - Skunk Hill to Fryburg – 16 miles.
      - Hwy 23 to Skunk Hill – 77 miles.
      - Fryburg to Dodge - 68 miles,
      - Four Bears and Killdeer Gathering – 66 miles
      - T-R Gathering – 20 miles
      - Lodgepole Gathering – 13 miles
      - Parshall Gathering System – 246 total miles of gathering pipeline.

c, e. Pipe Size and Maximum Operating Pressure.

Fryburg to Baker, MT – 10 3/4" .221" WT API 5L x42 ERW steel line pipe, 1350 MOP.

Fryburg to Dodge - 29.7 miles of 4" pipe (INACTIVE) with a 6" loop (ACTIVE) from Fryburg Station to Dickinson Station; 39 miles of 6" pipeline from Dickinson to Dodge Station; 25 miles of 6" pipe from 3 miles west of Dickinson Station to Highway 10 pipeline junction (INACTIVE); field gathering lines of 4" and 6" and trucks bring crude oil from production facilities into this system. Maximum design operating pressure is 1000 PSI.

Skunk Hill to Fryburg – 8 5/8" .188" WT API 5L x42/x52 ERW steel line pipe. 1440 psi MOP

Hwy 23 to Skunk Hill – 12 3/4" .250" WT API 5L x42 ERW steel line pipe, 1440 psi MOP.

Four Bears and Killdeer Gathering - 4" .156WT, 6" .156WT, 6" .188 WT and 8" .188" WT API 5L x42 ERW steel line pipe, various operating pressures.

T-R Gathering - 4" .156WT and 6" .156WT API 5L x42 ERW steel line pipe, 1000 MOP.

Lodgepole Gathering – 4" .156WT and 6" .156WT API 5L x42 ERW steel line pipe, 1000 MOP

Parshall Gathering System – 4 1/2", 6 5/8" and 8 5/8" steel, 4 1/2" composite pipe. Various operating pressures.

d. Maximum Design Flow Rate.

Hwy 23 to Skunk Hill – 95,000 bpd

Skunk Hill to Baker, MT – 80,000 bpd

Fryburg to Dodge – 13,000 bpd.

Four Bears and Killdeer Gathering – 40,000 bpd

T-R Gathering – 4400 bpd.

Lodgepole Gathering – 500 bpd.

Parshall Gathering System – 60,000 bpd

f. Pump Station Specifications.

Hwy 23 Station – 1-800 hp, 1-1000 pumps, electric driven.

Hwy 200 Station – Two 350 hp pumps, electric driven.

Skunk Hill Station – 1-1500, 1-1250, 1-800 hp pumps, 1-350 hp pump, all electric driven.

Fryburg Station – One 2000 hp, electric driven.

Bosserman Station – One 2000 hp pump, electric driven.

Belfield (Fryburg) Capable of heating the crude oil and pumping at a rate of 306 BPH. Two 350 hp PD pumps.

Four Bears and Killdeer Gathering - Numerous field pumps.

T-R Gathering - Numerous field pumps move crude to T-R Station.

Lodgepole Gathering – One field pump, electric driven.

Parshall Gathering System – Over 100 field pumps between 20 hp and 250 hp move crude to Stanley Station.

g. Minimum cover 36 inches except 18 inches in rock areas.

3. In Service Dates.

Hwy 23 to Hwy 200 – August 2011.

Hwy 200 to Skunk Hill – June 2011.

Skunk Hill to Fryburg – 2009.

Fryburg to Baker, MT – 1983.

Belfield to Dodge - The 4" and 6" crude line December 1969; 6" loop west of Dickinson 1970 and 1978-79. Segments of the oldest 6" were replaced in 1995, 2011 and 2013.

Killdeer Gathering – 1987.

Four Bears Gathering – 2012.

T-R Gathering – 1978.

Lodgepole Gathering – 1995.

Parshall Gathering System – 2008.

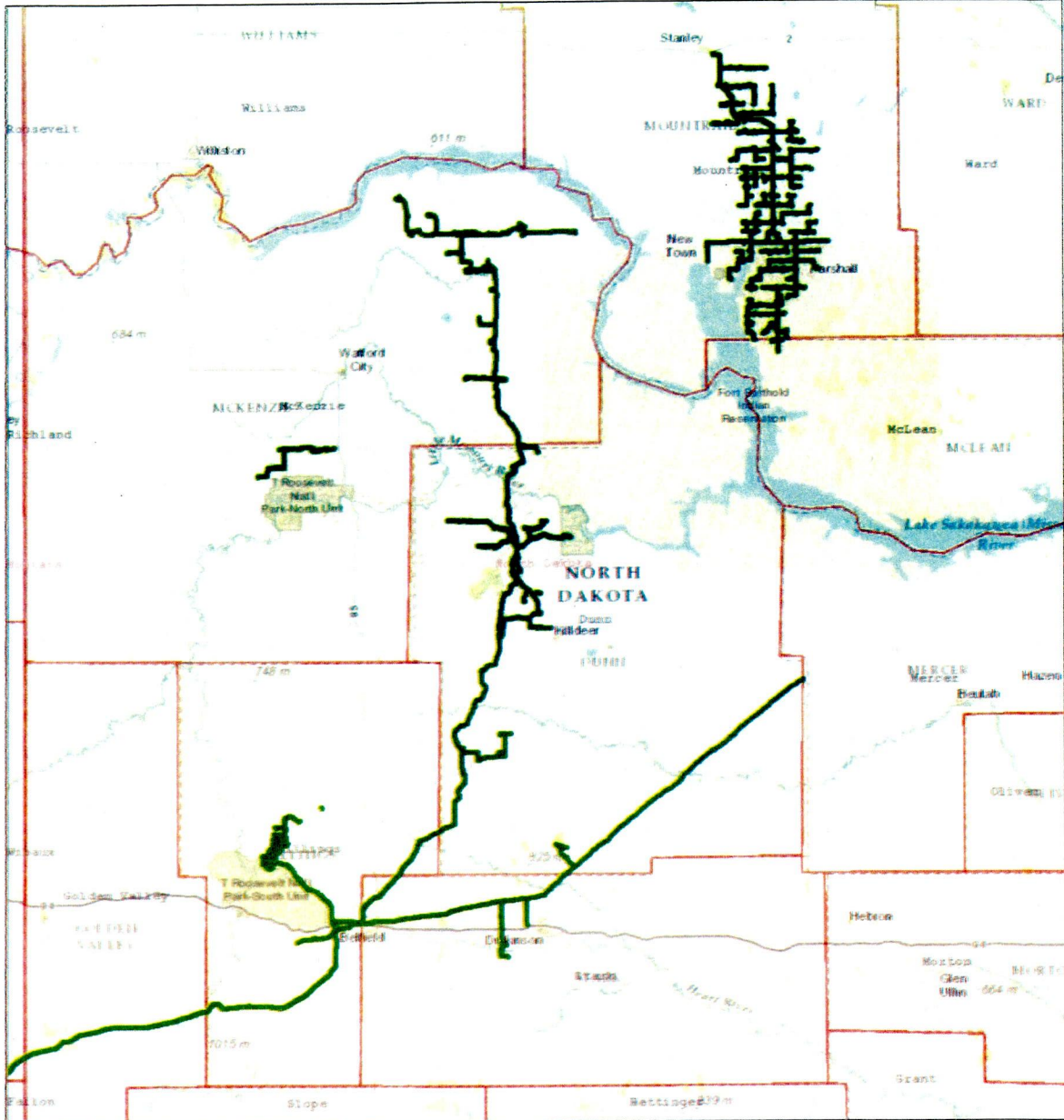
4. Bridger does not anticipate retiring any of these facilities in the next ten years.

G.) Not applicable.

H.) Bridger Pipeline has applied to the NDPSC to construct a 16" crude oil pipeline between Skunk Hill and Fryburg Stations. This will be parallel to the existing 8" crude oil pipeline.

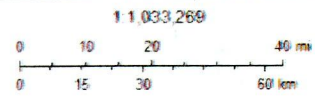
- I.) No specific major pipeline facilities are planned for the next 10 years. However, given the intense drilling and production activity in our service area of Western North Dakota and the demand for crude oil transportation by pipeline, major new pipeline projects by Bridger are likely.
- J.) 1. Crude oil transportation is very competitive in North Dakota; there is little to no coordination of plans with other crude oil pipelines ("utilities")
- 2., 3 and 4. The ability to plan for future construction is dependent on drilling activity and shippers' need for crude oil transportation service in a specific area.
- K.) 1. As a pipeline, Bridger provides what is probably the most environmentally benign form of crude oil transportation. In pipeline construction, we use our own expertise in route selection, we also utilize archaeologists, BLM personnel and USFS personnel to ensure that environmental impacts are minimized. The pipelines are constructed, tested and maintained to ensure integrity of pipeline coatings and cathodic protection.
- L.) 1 and 2. As previously noted, Bridger is dependent on drilling activity in the service area and on shipper's request for crude oil transportation service.
3. A Parshall Gathering System, Fours Bears and Belfield/Dodge Pipeline map is included.

# Bridger Pipeline 2015



June 12, 2015

- ACTIVE\_CRUDE
- COUNTIES
- STATES\_WGS\_ALL



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox India, © OpenStreetMap contributors, and the GIS User Community

Sources: USGS, FAO, NPS, EPA, ESRI, DeLorme, TANA, and other suppliers