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July 11, 2016

via Hand Delivery

Mr. Darrell Nitschke
Executive Director
NORTH DAKOTA
PUBLIC SERVICE COMMISSION
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480



Dear Mr. Nitschke:

In re: Hess Corporation Ten-Year Plan
Our File No. 11-024-049

On behalf of Hess Corporation ("Hess"), we hereby submit eleven copies of Hess's Ten-Year Plan pursuant to North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Chapter 69-06-02.

Sincerely yours,


BRIAN R. BJELLA

bw
Enc.
Ten-Year Plan to:
County Auditors:
McKenzie and Williams Counties
Dale Weathersby
Notice to:
State Agencies and Officers designated in
§ 69-06-01-05, N.D. Adm. Code.

1 **PU-16-471** Filed: 7/11/2016 Pages: 9
2016 Ten Year Plan



HESS CORPORATION
Tioga Office Complex
10384 68th St NW
Tioga, North Dakota 58852
701-664-6200

June 29, 2016

PUBLIC SERVICE COMMISSION – State Capitol
Director of Administration
600 East Boulevard, Dept 408
Bismarck, ND 58505-0480

RE: HESS CORPORATION – 2016 Ten-Year Plan

Dear Director of Administration:

On behalf of HESS CORPORATION and its subsidiary entities that own and operate assets in North Dakota (collectively "HESS"), we hereby submit HESS' Ten-Year Plan pursuant to North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Chapter 69-06-02.

SECTION A: Existing Energy Conversion Facilities.

HESS owns and operates the Tioga Gas Plant ("TGP") in Tioga, North Dakota. The general location, size, and a more detailed description of the TGP is included in North Dakota Public Service Commission Case No. PU-10-120.

SECTION B: Energy Conversion Facilities Under Construction.

HESS has no energy conversion facilities currently under construction.

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

HESS has no proposed energy conversion facilities on which construction is intended within the next five years.

SECTION D: Proposed Energy Conversion Facilities During the Next Ten-Year Time Period.

HESS has no proposed energy conversion facilities on which construction is intended within the next ten years.

SECTION E: Existing Transmission Facilities (Electric).

HESS has no existing electrical transmission facilities.

SECTION F: Existing Transmission Facilities (Pipeline).

1. Location: HESS operates a pipeline (Residue Gas) beginning at the TGP extending southerly under Lake Sakakawea and then extending in a southwesterly direction to an interconnect point with the Northern Border pipeline south of Watford City, North Dakota. This pipeline was constructed pursuant to Public Service Commission Certificate of Site Compatibility for Transmission Facility Corridor #62 issued on March 11, 1992, and Public Service Commission Permit for the Construction of a Transmission Facility #72 issued on July 21, 1992. This pipeline is exempt for FERC jurisdictional purposes pursuant to the FERC Order issued on May 27, 1994. Attached hereto is a system map showing the location of the actual pipeline route.

- a) Type and Capacity: The design specifications for this facility are as follows:
 - i) Product Type - natural gas
 - ii) Length of Facility in Miles - approximately 61
 - iii) Pipe Size - 10.75 inches O.D.
 - iv) Maximum Design Operating Pressure - 1440 pounds per square inch gage (psig)
 - v) Maximum Design Flow Rate - 65 million standard cubic feet per day (mmscfd)
 - vi) Compressor or pumping station specifications, including type, horse power, output pressure, and capacity –
 - (1) Tioga Compressor Station:
 - (a) Type: 3 centrifugal
 - (b) Suction Pressure: 700 psig
 - (c) Discharge Pressure: 1300 psig
 - (d) Station Horsepower: 6750 hp
 - (e) Maximum Capacity: 99 mmcf
 - (2) Cherry Creek Compressor Station:
 - (a) Type: 2 reciprocating
 - (b) Suction Pressure: 875 psig
 - (c) Discharge Pressure: 1420 psig
 - (d) Station Horsepower: 1600 hp
 - (e) Maximum Capacity: 65 mmcf
 - vii) Minimum Cover Over Pipe - 48 inches, except in a situation where rock makes 48 inches impractical.
 - b) In-service date for the pipeline was December 1992.
 - c) There is no projected retirement date during the next ten-year period for this pipeline facility.
2. HESS installed three natural gas liquids pipelines (NGLs) of approximately 3.6 miles in length from the Tioga Gas Plant to the newly constructed Tioga Rail Terminal west of the city of Tioga. The pipelines transport propane, butane, and natural gasoline liquid products owned by HESS from the TGP to the Tioga Rail Terminal ("TRT") for shipment by rail. This project was approved by the North Dakota Public Service Commission in Case #PU-11-104.
 3. HESS converted three existing pipeline segments, once used as gathering pipelines, into a crude oil transmission pipeline connecting the Ramberg Truck Facility ("RTF") to the TRT. This pipeline is 10.2 miles in length and consists of 14-inch nominal diameter steel pipe. This project was approved by the North Dakota Public Service Commission in Case No. PU-12-683.

- a) Type and Capacity: The design specifications for the pipeline are as follows:
 - i) Product Type – crude oil
 - ii) Length in Miles - approximately 1.1
 - iii) Pipe Size – 14.00 inches O.D.
 - iv) 0.375-inch line pipe wall thickness
 - v) Maximum Operating Pressure - 500 pounds per square inch gage (psig)
 - vi) Normal Operating Pressure: approximately 100 pounds per square inch gauge (psig)
 - vii) Maximum Design Flow Rate – 120,000 barrels per day (bpd)
 - viii) Normal Throughput: approximately 54,000 barrels per day (bpd)
- b) Minimum Cover Over Pipe - 48 inches, except in a situation where rock makes 48 inches impractical.

SECTION G: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Electric).

HESS has no proposed electric transmission facilities on which construction is intended within the ensuing five years.

SECTION H: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Pipeline).

1. On behalf of Hess North Dakota Pipelines LLC, HESS constructed an approximately 25-mile-long pipeline system (Hawkeye Pipeline system) connecting Bakken production fields south of Lake Sakakawea to existing processing facilities north of the Lake. New pipeline construction ties into the existing pipeline infrastructure crossing Lake Sakakawea. The new and repurposed pipeline system will transport crude oil and natural gas liquids as well as two 24-strand fiber optic cables from south of Lake Sakakawea in McKenzie County, North Dakota, to the RTF.
 - a) Hess received corridor certificates and route permits for these projects from the North Dakota Public Service Commission in Case Nos. PU-15-31 and PU-15-32.
 - b) Proposed in-service date for the pipeline(s) is 4th Q, 2016 – 1st Q 2017
2. On behalf of Hess North Dakota Export Logistics LLC, HESS is proposing to construct approximately 1.1 miles of 12-inch diameter crude oil pipeline (ETP Interlink) originating at the RTF, and terminating at a facility located approximately 7 miles south of Tioga, North Dakota. The pipeline will transport crude oil from the RTF to the facility where it can be transported via interconnecting pipelines for distribution to refineries across the United States. The application for this project was filed May 6, 2016 and is scheduled for hearing July 26, 2016; North Dakota Public Service Commission Case No. PU-16-189. Attached hereto is a system map showing the location of the proposed pipeline route.
 - b) Type and Capacity: The design specifications for the pipeline are as follows:
 - i) Product Type – crude oil
 - ii) Length in Miles - approximately 1.1
 - iii) Pipe Size - 12.75 inches O.D.
 - iv) 0.375-inch line pipe wall thickness, 0.500-inch bore pipe wall thickness
 - v) Maximum Operating Pressure - 1184 pounds per square inch gage (psig)
 - vi) Normal Operating Pressure: approximately 100 pounds per square inch gauge (psig)
 - vii) Maximum Design Flow Rate – 70,000 barrels per day (bpd)
 - viii) Normal Throughput: approximately 50,000 barrels per day (bpd)
 - ix) Maximum Operating Temperature: 100 degrees Fahrenheit
 - c) Minimum Cover Over Pipe - 48 inches, except in a situation where rock makes 48 inches impractical.
 - d) Proposed in-service date for the pipeline is November 2016.

3. Hess North Dakota Pipelines LLC, HESS is considering the construction of a pipeline interconnection (Johnson's Corner Interconnect) from the Hess Blue Buttes Olson pad south to terminals at Johnson's Corner in McKenzie County, North Dakota. Subject to acquisition of rights-of-way, execution of commercial agreements, and PSC Permit issuance, the pipeline is anticipated to flow north from Johnson's Corner for transport to the RTF via the Keene Oil Gathering system and Hawkeye Oil Facility.
 - a) Type and Capacity: The design specifications for the pipeline are as follows:
 - i) Product Type – crude oil
 - ii) Length in Miles - approximately 5 miles
 - iii) Pipe Size - 10.75 inches O.D. Schedule 40 X-42
 - iv) Maximum Operating Pressure TBD
 - v) Normal Operating Pressure 350 pounds per square inch gage (psig)
 - vi) Maximum Design Flow Rate – 40,000 barrels per day (bpd)
 - vii) Normal Throughput: approximately 20-30,000 barrels per day (bpd)
 - viii) Maximum Operating Temperature: 100 degrees Fahrenheit
 - b) Minimum Cover Over Pipe - 48 inches, except in a situation where rock makes 48 inches impractical.
 - c) Proposed in-service date for the pipeline 2nd Q 2017.

SECTION I: Proposed Transmission Facilities During the Next Ten-Year Time Period (Electric and Pipeline).

HESS has no proposed electric or pipeline transmission facilities proposed during the next ten-year time period other than the facilities described in Section H.

SECTION J: Regional Coordination.

In the ordinary course of business, HESS engages with other upstream and midstream oil and gas companies in discussions regarding commercial options for the transportation of produced hydrocarbons from production areas to markets. However, HESS facilities are not part of a coordinated single regional plan.

SECTION K: Environmental Information.

HESS recognizes the various federal, state, and municipal regulatory agencies within the state of North Dakota that have environmental compliance authority over the construction, operation, and maintenance of transmission pipelines. HESS is committed to ongoing working relationships with each of these agencies, and will consult and coordinate with federal, state, and local agencies and governmental units regarding the projects, as may be required. HESS will obtain all required environmental and siting permits for projects.

HESS is committed to environmental compliance during the execution of any future projects and will seek the approval of and comply with the conditions of all federal, state, and municipal agencies having jurisdictional authority over the construction and installation of any new facilities.

Environmental information related to HESS' existing permitted projects is available in the applicable dockets for those projects.

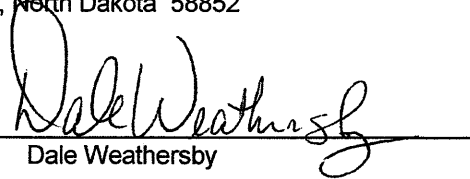
SECTION L: Projected Demand for Service.

The projected future supplies of oil and gas entering these pipelines will be produced from several fields located in Divide, Williams, Mountrail, McKenzie and Burke Counties. Also, the expansion of the Tioga Gas plant and third party pipeline facilities in conjunction with the growth of the Bakken development taking place in North Dakota will add further to projected supplies.

Respectfully submitted the day and year set forth above.

HESS CORPORATION
Tioga Office Complex
10384 68th St NW
Tioga, North Dakota 58852

By


Dale Weathersby

Enc.

- cc:
- County Auditors of McKenzie and Williams Counties
 - State Agencies and Officers designated in § 69-06-01-05, ND Adm Code "Notice of Filing"
 - Brent Lohnes, Director Operations - Minot, ND

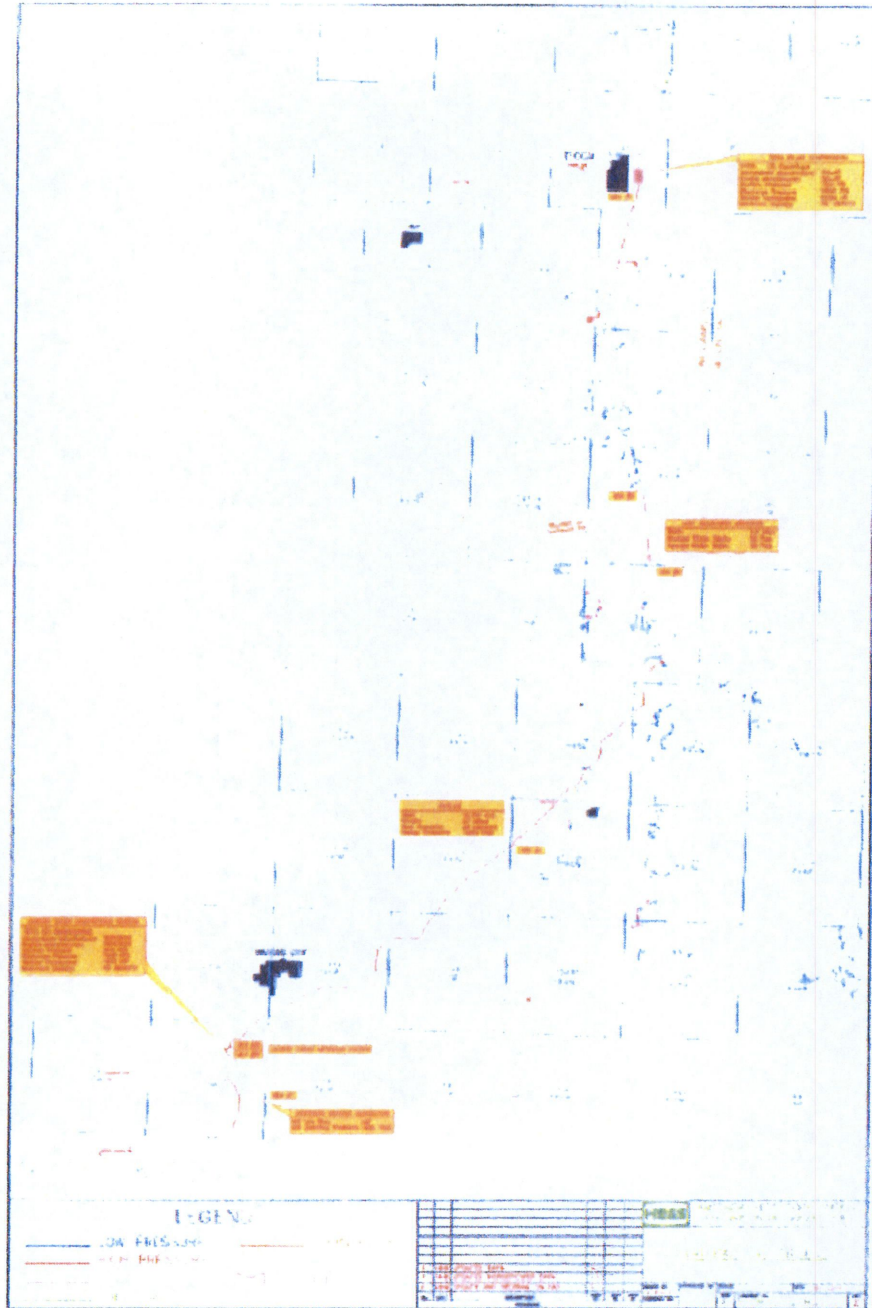


Figure 1 Residue Gas Pipeline

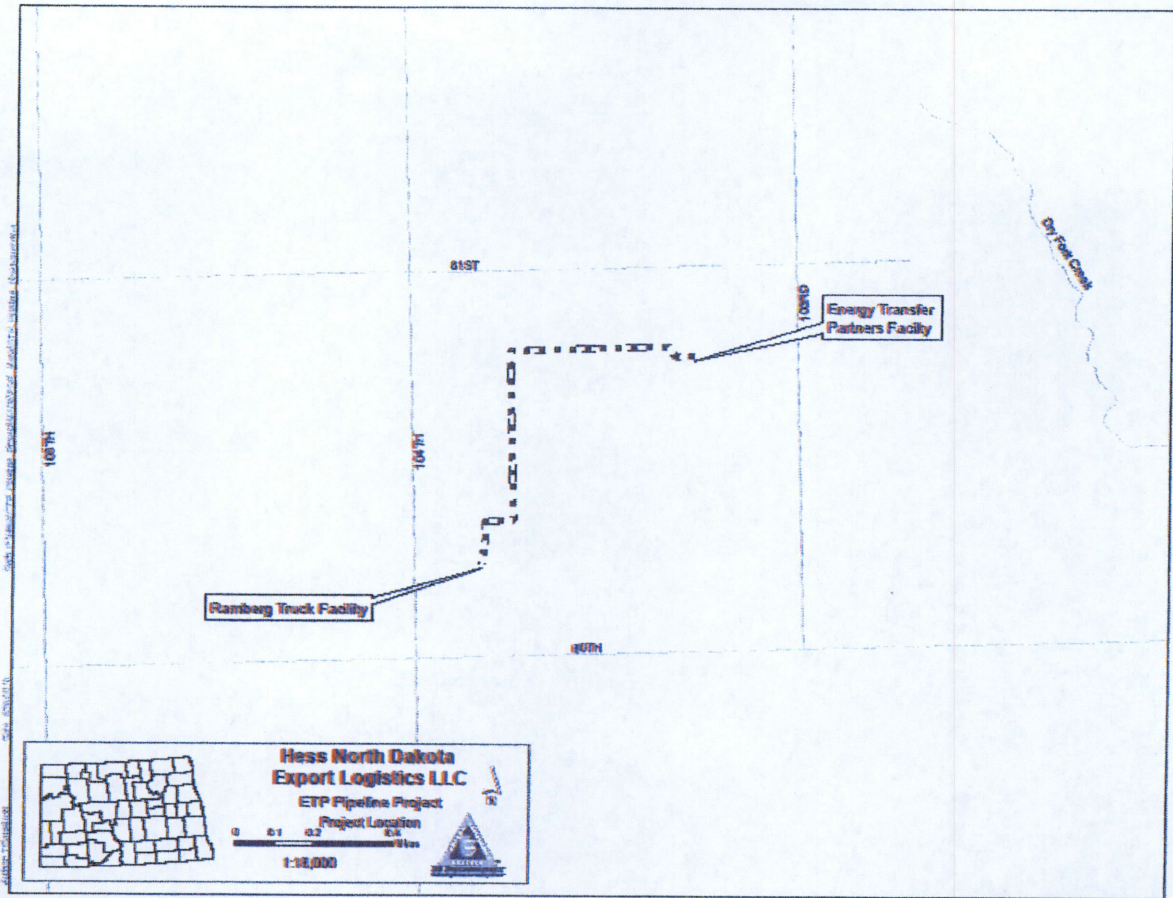


Figure 2 ETP Interconnect Pipeline

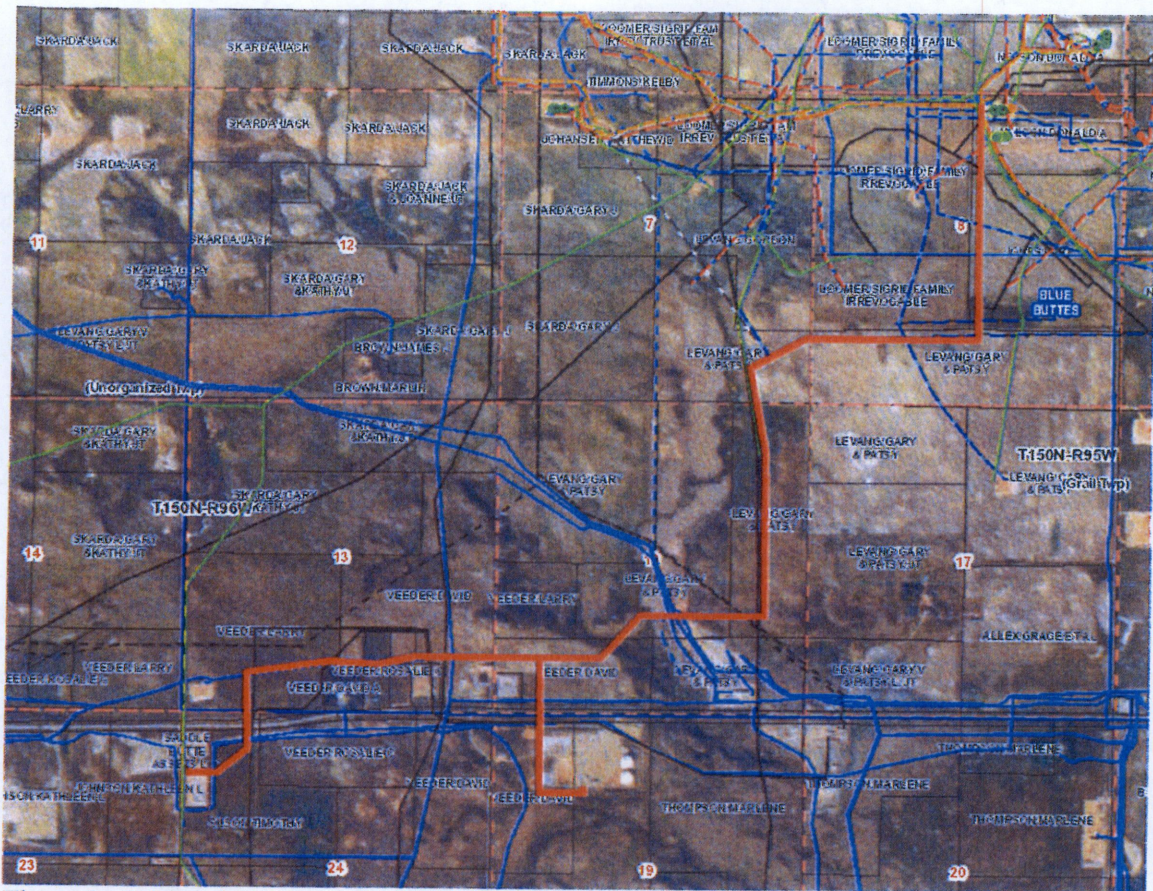


Figure 3 Johnson's Corner Interconnect Pipeline