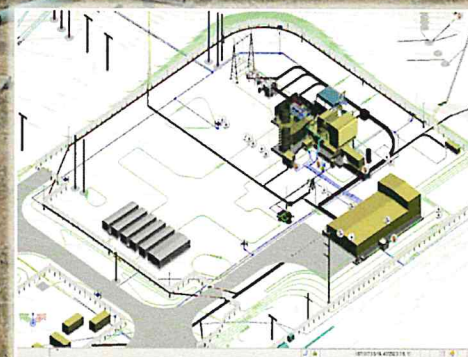


Heskett Station Natural Gas Pipeline Project

North Dakota Public Service Commission Hearing
May 3, 2013 Bismarck, ND

Presented By:
David Yexley
Director of Business Development and Special Projects



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PU-11-680
Exhibit 7

Filed: 5/3/2013

Pages: 53

Heskett Station Natural Gas Pipeline Project

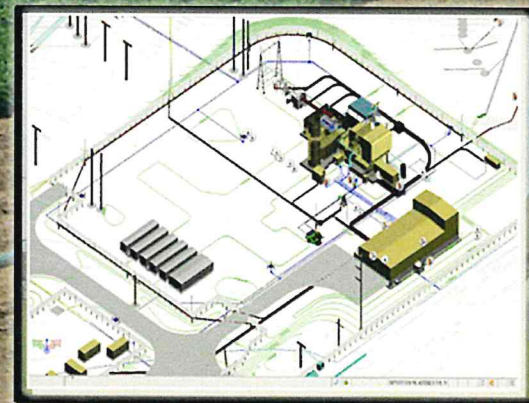
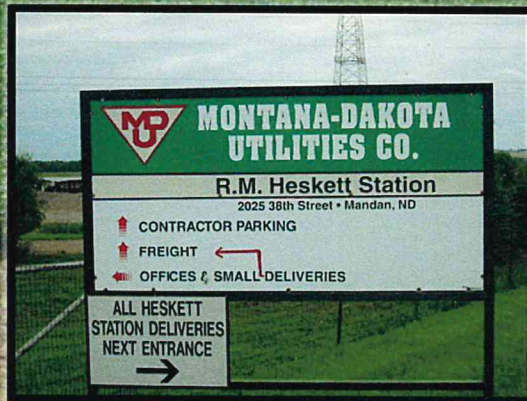
Overview

- Purpose
- Specifications
- Route Selection Process
- Safety
- Timeline

Heskett Station Natural Gas Pipeline Project

Purpose

Provide the natural gas requirements for the proposed 88 MW Simple Cycle Combustion Turbine



Heskett Station Natural Gas Pipeline Project

Project Specifications

- Approximately 24 miles
- 10-inch diameter steel pipeline
- Interconnect with Northern Border Pipeline
- Morton County, North Dakota

Heskett Station Natural Gas Pipeline Project

Power Plant Project Background

- Advance Determination of Prudence (ADP) and Certificate of Public Convenience and Necessity (CPCN)
- Turbine Siting Application
- Turbine Siting Order
- Turbine Pre-Construction Meeting
- Pipeline Siting Application

Heskett Station Natural Gas Pipeline Project

Power Plant Construction Timeline

ND PSC ADP Order & CPCN	April 11, 2012
ND PSC Siting Order	December 21, 2012
Air Permit to Construct	February 25, 2013
Pre-Construction Meeting	April 23, 2013
Construction Start	May 2013
Electric Back feed	November 2013
Commissioning, Testing and Startup	January - April 2014
Commercial Operation	May 2014
Construction Start-Pipeline	July 2013
Construction Complete-Pipeline	November 2013

Heskett Station Natural Gas Pipeline Project

Route Selection Criteria

- Minimize impacts to landowners and future development
- Avoid impacts to cultural resources
- Minimize impact to environment
- Length of Route
- Safety and Constructability
- Long-term operations



Heskett Station Natural Gas Pipeline Project

Route Selection Objective

Use of existing corridors (roads, power lines, railroads, etc.)



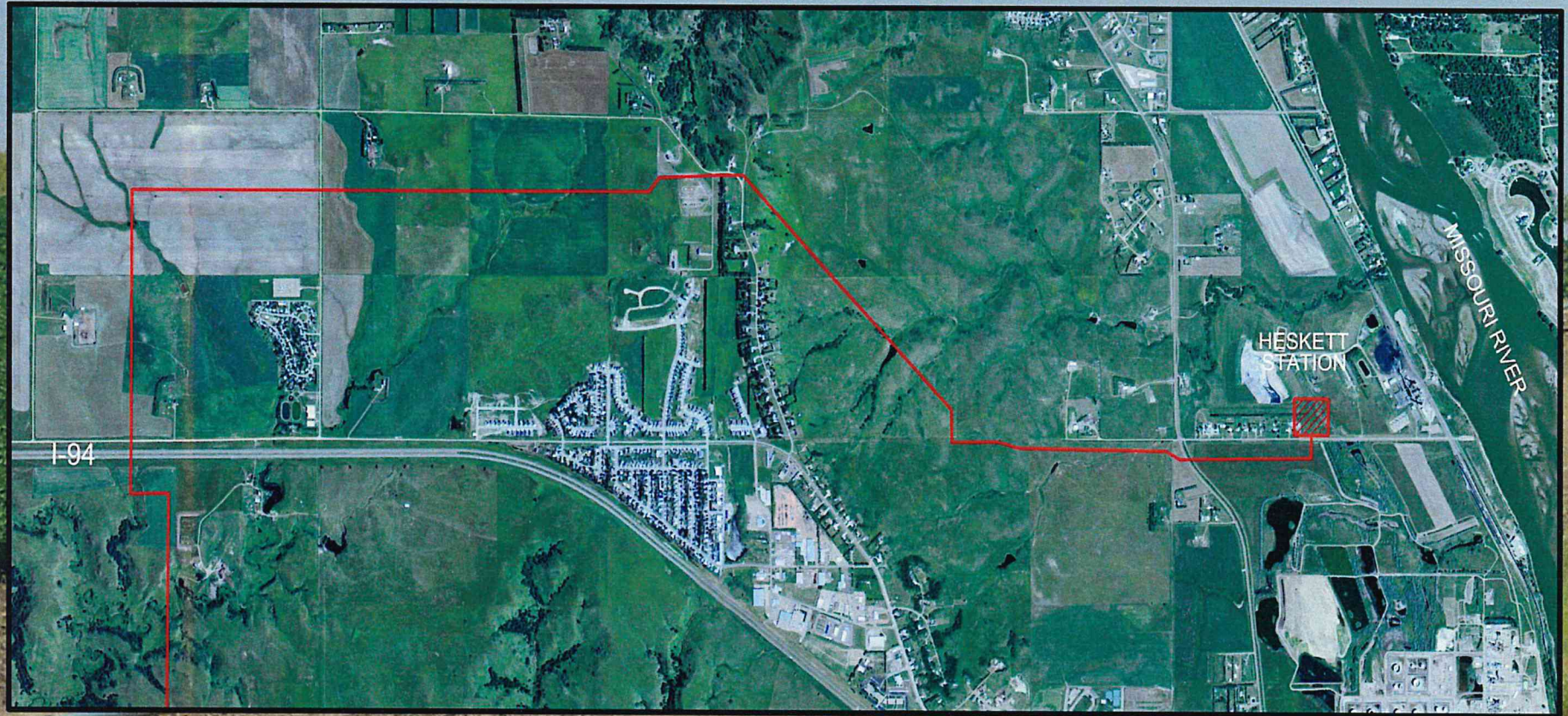
Heskett Station Natural Gas Pipeline Project

Proposed Revised Pipeline Route



Heskett Station Natural Gas Pipeline Project

Proposed Revised Pipeline Route



Heskett Station Natural Gas Pipeline Project

Proposed Revised Pipeline Route



Heskett Station Natural Gas Pipeline Project

Proposed Revised Pipeline Route



Heskett Station Natural Gas Pipeline Project

Safety

Pre-construction

- Inspection of the pipe at the mill
- Hydro testing at the mill (pressure testing with water to 1.5x operating pressure)

During Construction

- Inspectors- welding, backfilling, environmental
- X-ray of 100% of welds
- Pipeline buried 48" deep in accordance with ND regulations

Heskett Station Natural Gas Pipeline Project

Safety

After Construction

- Enter one-call program
- Hydrotesting
- Baseline survey- Smart PIG (pipeline inspection gauge), inspects welds, depth of line, wall thickness, anomalies, dents
- SMYSE-Specified Minimum Yield Strength

Heskett Station Natural Gas Pipeline Project

Pipeline Construction

- Clearing and Topsoil Separation
- Trenching
- Pipe Stringing
- Bending
- Line-up and Welding
- Lowering-In
- Backfilling
- Testing
- Clean up and Restoration









VALSPAR 2000
MONTANA DAKOTA
ERIK CUSTOMER
CS1-31.23
16-18 MILS
30 MILS
VALSPAR 2000
MONTANA DAKOTA
ERIK CUSTOMER
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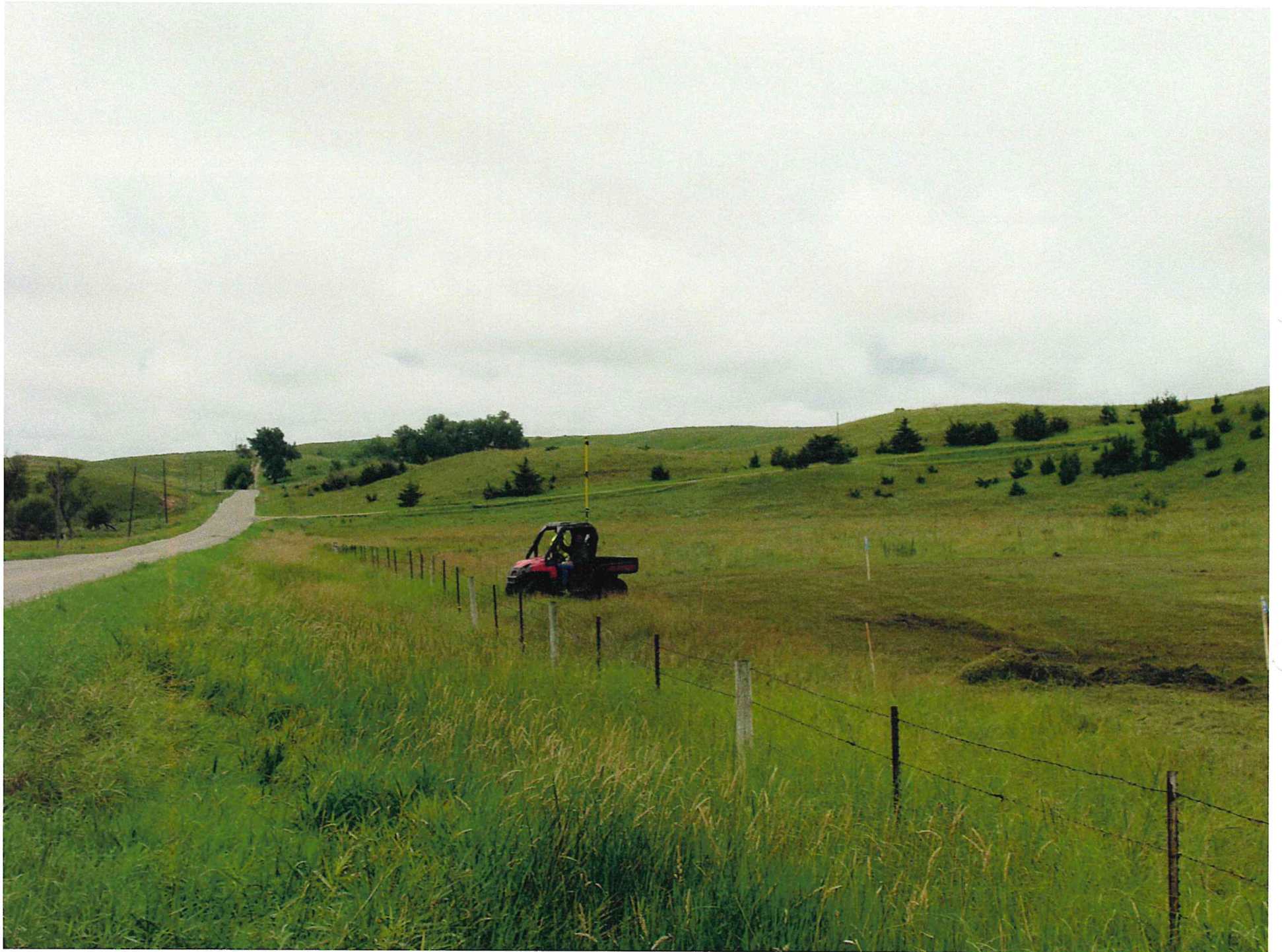
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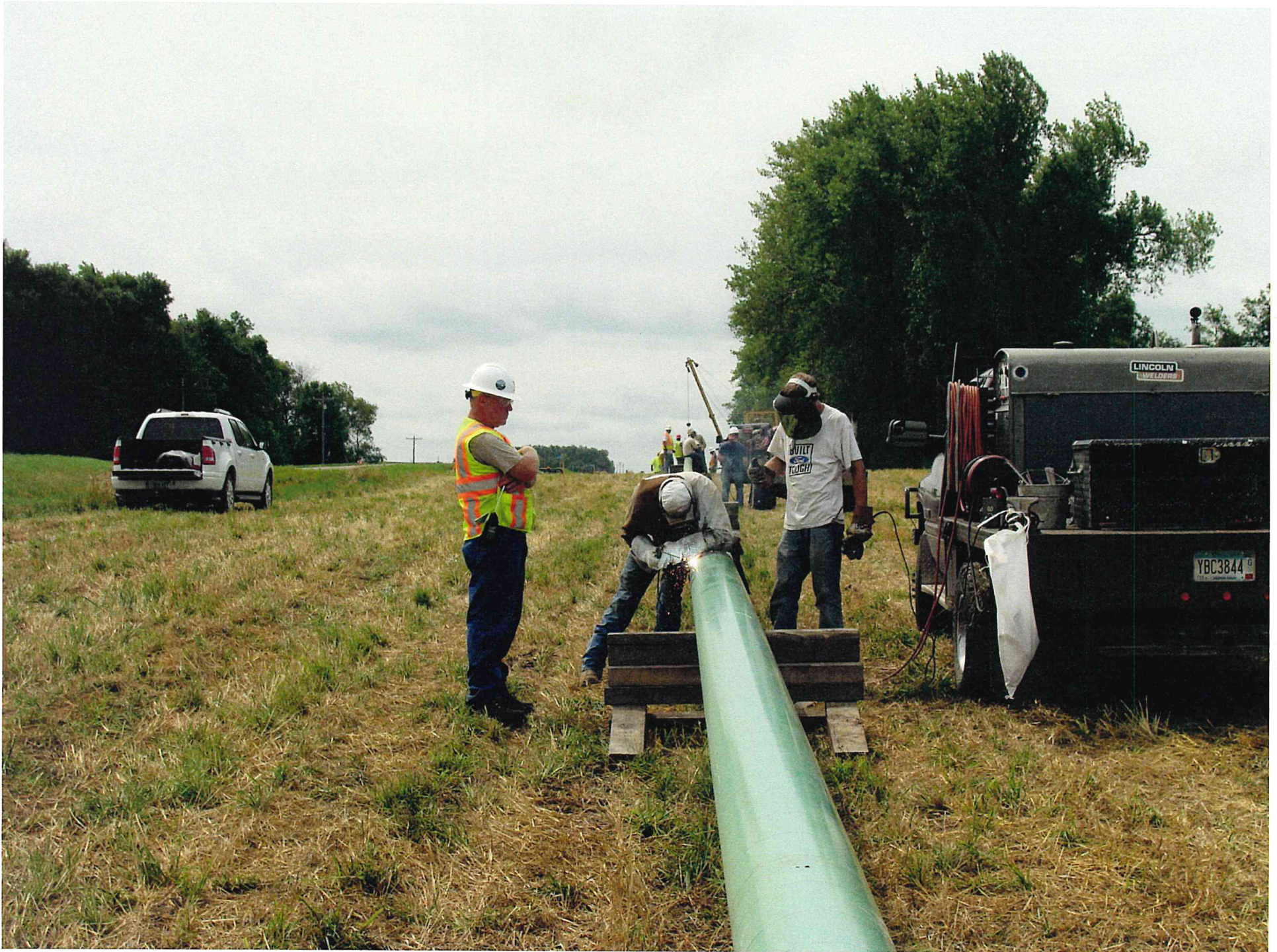


















16-18 MILS
CUSTOMER POI





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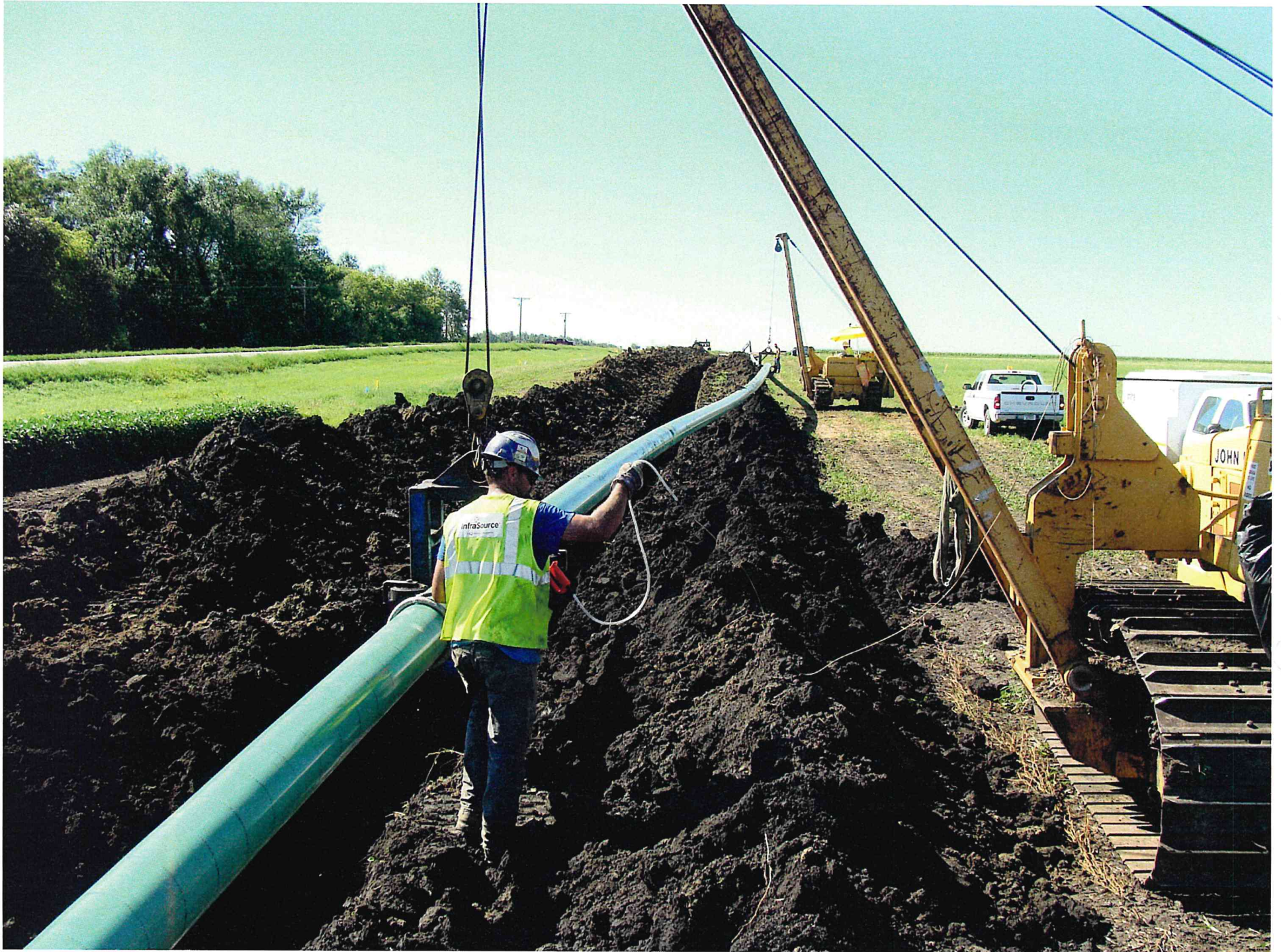


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Final disking of Right of Way during Cleanup







