

## Cardwell, Sara J.

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**From:** Kelli Graff <kelli.graff@whiting.com>  
**Sent:** Wednesday, January 06, 2016 11:01 AM  
**To:** Cardwell, Sara J.  
**Cc:** Rich Brierley; Cory Tuhy; Kevin Archer; Randy Heitz  
**Subject:** Fwd: Cases No. PU-08-843, PU-08-844 and PU-11-102  
**Attachments:** image003.jpg

Hi Sara, please see response below.

Thanks!  
Kelli Graff

Kelli Graff  
Pipeline Compliance Specialist  
Whiting Petroleum Corporation  
and its wholly owned subsidiary  
Whiting Oil and Gas Corporation  
Direct (303) 390-1333

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Begin forwarded message:

From: Cory Tuhy <cory.tuhy@whiting.com<mailto:cory.tuhy@whiting.com>>  
Date: January 6, 2016 at 9:55:39 AM MST  
To: Kelli Graff <kelli.graff@whiting.com<mailto:kelli.graff@whiting.com>>, Rich Brierley <Richard.Brierley@whiting.com<mailto:Richard.Brierley@whiting.com>>, Kevin Archer <kevin.archer@whiting.com<mailto:kevin.archer@whiting.com>>  
Cc: Randy Heitz <randy.heiz@whiting.com<mailto:randy.heiz@whiting.com>>  
Subject: RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

In the case of issue 1 below,

In looking at the following pictures: 5847, 5839 and 5837, I'm wondering who is responsible for the road – is that a property owner or Whiting's responsibility?

This is a section line or often times referred to as a prairie trail. They are public access and not actively maintained by the county or township jurisdiction that owns them for right of way. This is not a Whiting responsibility.

In the case of issue 2 below,

...the area in the center of 5847 or behind the trees in 5837 and 5839. Is this the path of the pipelines? If so, it appears that the land at a minimum needs further revegetation if not additional leveling so it matches up with the other land around it & doesn't look scarred.

The 5843 and 5847 pictures show evidence of haying. The short stands of grass are where the cutting and baling of hay occurred. The growth on the pipeline ROW was better than some of the native grass and had been swathed over for hay. There is a regrowth of alfalfa standing that grows faster than the grasses and may create a visual of uneven terrain. Alfalfa is valued as a hay crop and turns brown after frost when the photo was taken. Regrowth will occur in the spring.

[cid:image003.jpg@01D14868.6525CDB0]

Hope this helps!

Cory Tuhy  
PSM/DOT Technician  
Whiting Petroleum Corporation  
and its wholly owned subsidiary  
Whiting Oil and Gas Corporation  
13072 38th Street SW  
Belfield, ND 58622  
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From: Cardwell, Sara J. [mailto:scardwell@nd.gov]

Sent: Wednesday, December 30, 2015 12:13 PM

To: Kelli Graff

Subject: FW: Cases No. PU-08-843, PU-08-844 and PU-11-102

Good talking to you Kelli & I understand it may take you a while to get back to me with snow on the ground. In looking at the following pictures: 5847, 5839 and 5837, I'm wondering who is responsible for the road – is that a property owner or Whiting's responsibility. As if it is Whiting's responsibility, there is some work that needs to be done to control erosion. The second issue is the area in the center of 5847 or behind the trees in 5837 and 5839. Is this the path of the pipelines? If so, it appears that the land at a minimum needs further revegetation if not additional leveling so it matches up with the other land around it & doesn't look scarred.

Thanks,

Sara

Hayed  
Area

Hayed  
Area

Hayed  
Area

Approx. area of ROW  
NOT TO SCALE

## Cardwell, Sara J.

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**From:** Kelli Graff <kelli.graff@whiting.com>  
**Sent:** Tuesday, November 24, 2015 11:44 AM  
**To:** Cardwell, Sara J.  
**Cc:** Cory Tuhy; Kevin Archer; Rich Brierley; Randy Heitz  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

Hi Sarah,

The dirt road you see in the pictures runs parallel with our pipeline. You can see the right of way and it runs north and south off to the west of the road.

**Kelli Graff**  
Pipeline Compliance Specialist  
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*and its wholly owned subsidiary*  
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**From:** Cardwell, Sara J. [mailto:scardwell@nd.gov]  
**Sent:** Monday, November 23, 2015 2:29 PM  
**To:** Kelli Graff  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

I was concerned about the road (if you can call it that) – was that there before the project? Does the project cross the road at all or parallel it?

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**From:** Kelli Graff [mailto:kelli.graff@whiting.com]  
**Sent:** Monday, November 23, 2015 2:51 PM  
**To:** Cardwell, Sara J. <scardwell@nd.gov>  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

Yes they are recent, about 2 weeks ago.

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**From:** Cardwell, Sara J. [<mailto:scardwell@nd.gov>]  
**Sent:** Monday, November 23, 2015 12:53 PM  
**To:** Kelli Graff  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

When were the pictures taken? Are they recent?

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**From:** Kelli Graff [<mailto:kelli.graff@whiting.com>]  
**Sent:** Friday, November 20, 2015 9:04 AM  
**To:** Cardwell, Sara J. <[scardwell@nd.gov](mailto:scardwell@nd.gov)>  
**Cc:** Rich Brierley <[Richard.Brierley@whiting.com](mailto:Richard.Brierley@whiting.com)>; Randy Heitz <[randy.heiz@whiting.com](mailto:randy.heiz@whiting.com)>; Cory Tuhy <[cory.tuhy@whiting.com](mailto:cory.tuhy@whiting.com)>; Kevin Archer <[kevin.archer@whiting.com](mailto:kevin.archer@whiting.com)>  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

Hi Sara,  
No trees were impacted and no replanting required. The trees were bored. Please see attached information.

**Kelli Graff**  
Pipeline Compliance Specialist  
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**From:** Cardwell, Sara J. [<mailto:scardwell@nd.gov>]  
**Sent:** Monday, November 16, 2015 1:13 PM  
**To:** Kelli Graff  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

Any update yet?

---

**From:** Kelli Graff [<mailto:kelli.graff@whiting.com>]  
**Sent:** Monday, November 09, 2015 1:56 PM  
**To:** Cardwell, Sara J. <[scardwell@nd.gov](mailto:scardwell@nd.gov)>  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

Hi Sara,

I'm talking with my group about this and I will get back with you shortly.

Thank you!

## Cardwell, Sara J.

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**From:** Kelli Graff <kelli.graff@whiting.com>  
**Sent:** Friday, November 20, 2015 9:04 AM  
**To:** Cardwell, Sara J.  
**Cc:** Rich Brierley; Randy Heitz; Cory Tuhy; Kevin Archer  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102  
**Attachments:** Tree Bore.pdf; IMG\_5837.jpg; IMG\_5839.jpg; IMG\_5840.jpg; IMG\_5843.jpg; IMG\_5847.jpg

Hi Sara,

No trees were impacted and no replanting required. The trees were bored. Please see attached information.

**Kelli Graff**

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**From:** Cardwell, Sara J. [mailto:scardwell@nd.gov]  
**Sent:** Monday, November 16, 2015 1:13 PM  
**To:** Kelli Graff  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

Any update yet?

---

**From:** Kelli Graff [mailto:kelli.graff@whiting.com]  
**Sent:** Monday, November 09, 2015 1:56 PM  
**To:** Cardwell, Sara J. <scardwell@nd.gov>  
**Subject:** RE: Cases No. PU-08-843, PU-08-844 and PU-11-102

Hi Sara,

I'm talking with my group about this and I will get back with you shortly.

Thank you!

**Kelli Graff**  
Pipeline Compliance Specialist  
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**From:** Cardwell, Sara J. [<mailto:scardwell@nd.gov>]  
**Sent:** Tuesday, November 03, 2015 3:26 PM  
**To:** Kelli Graff  
**Subject:** Cases No. PU-08-843, PU-08-844 and PU-11-102

Thanks again for sending the second flash drive. I have a few questions however about the Company's tree & shrub mitigation.

For Case No. 08-843 you submitted an attachment called PU-08-843 – Order Point 22.pdf. In that document it states on page 2 that the one stand of trees was bored. And, seeing PU-08-844 follows the same route, the same stand of trees were bored for this line as well. The applications for both these cases (see page 19) mention trees being removed at MP 1.75 . Did the Company end up avoiding the trees in this area? If so, we need the Company to affirm that.

For Case No. 11-102, the Whiting Belfield Oil Pipeline Natural Resources Report\_6-17-2011.pdf mentions on page 12 that the Company will need to replace 82 trees. The only document that is listed in your letter that is on the thumb drive is 2011-06-14 24.0 SWCA Proposal which does not mention any trees being planted. You also list a number of invoices but, if these are for tree plantings, we need more than the invoices that trees were planted. We need affirmation that if 82 trees were planted, that 75 percent, or 62 trees survived at the end of a three year period. Or, if the Company didn't need to plant any trees, please let us know.

Thanks,

**Sara Cardwell**  
Public Utility Analyst  
North Dakota Public Service Commission  
600 E. Boulevard Ave. Dept. 408  
Bismarck, ND 58505-0480  
**(701)328-4153**  
[scardwell@nd.gov](mailto:scardwell@nd.gov)

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71008

# ARP Enterprises

PO Box 14  
Bowman, ND 58623  
701-523-4714

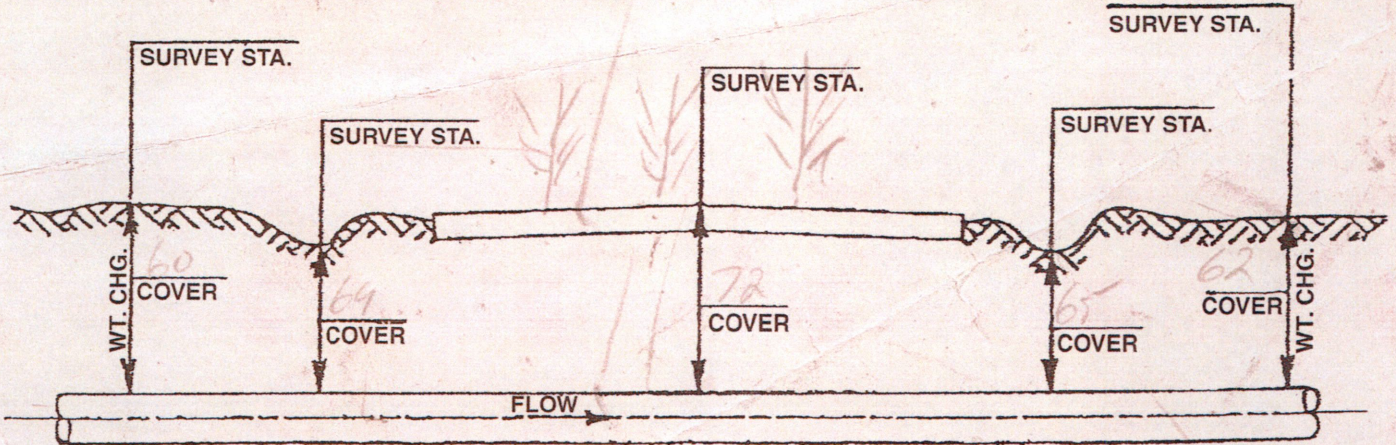
Rig 3

## UNCASED ROAD CROSSINGS — FIELD REPORT

SYSTEM: Redfield oil pipeline DATE: 11-18-11

SPREAD OR LOCATION <u>Tree Rows</u>		CONTRACTOR <u>F&amp;P 1000</u>	
MAP	PROFILE DRAWING NO.	REPORT NO.	
WEATHER		TYPE OR BORE OR CUT	
PIPE SIZE AND W.T. <u>8" steel</u>		TYPE OF COATING	
CENTER LINE OF ROAD SURVEY STATION			
FEET BORED <u>176</u>		FEET OPEN CUT	TEST LEADS
ROAD DESIGNATION (OR NAME)	CENTERLINE OF ROAD (SUR. STA)	ROAD SURFACE (CONC., ASPH., GRAVEL, ETC.)	
NUMBERS OF SAND & CEMENT FILLED SACKS IF APPLICABLE			

SKETCH: SHOW ELEVATION OF PIPE WITH RELATION TO CENTER LINE OF ROAD AND BOTTOM OF DRAINAGE DITCHES. SHOW LOCATION OF SAND & CEMENT BAGS.



Bone under Tree Rows

REMARKS:

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NAME: 00M01201

INSPECTOR









