

**WEEKLY REPORT  
OF  
CONSTRUCTION PROGRESS**

**PROJECT:**

Merricourt - Ellendale, 230kV, TL151  
Ashley - Ellendale, 46kV, TL041 UB  
Wishek - Ellendale, 230kV, TL089 - Merricourt Taps

**DATE:**

*April 27, 2012*

WO: J172396  
J186381  
JXXXXXX

**WEEK OF CONSTRUCTION:**

*April 21 to April 26, 2012*

*Final*

*#1*

OPERATION		* PERCENT COMPLETION											
		10	20	30	40	50	60	70	80	90	100		
NEW CONSTRUCTION	STRUCTURE LOCATION STAKED												100%
	MATERIAL HAULED IN FIELD												100%
	STRUCTURE ASSEMBLING												100%
	STRUCTURE ERECTING												100%
	GUY & ANCHOR INSTALLATION												100%
	WIRE STRINGING												100%
	RIGHT OF WAY CLEARING												100%
RETIREMENT	POLE LINE REMOVAL												
	CONDUCTOR REMOVAL												
	MATERIAL RETURNS (New & Used)												

\* Percent completed to period of report -----  
Percent completed during period of report \*\*\*\*\*

**REMARKS:**

**CONTRACTOR:**

BRINK CONSTRUCTORS, INC

**BY:**

*S.S. Smith*

**MONTANA-DAKOTA UTILITIES CO.**

**BY:**

*Kenneth W. Fisher HPR*

**141 PU-10-164** Filed: 5/17/2012 Pages: 10  
Merricourt, Ashley, Wishek to Ellendale progress  
report, week ending 4-26-2012

Wishet - Elendale 230 KV T.L. 089 - Merricant Tops

April 23, 2012 to April 29, 2012.

Material Hauled in Field. on Monday the 23 of April 2012. 9-Poles; Hardware for Structures; 2-T-230JP; 2-T-230-DB. and 1-T-230-PE. 100%

Structure assembling

2-T-230-DB and 1-T-230-PE. April 21, 2012  
2-T-230JP April 23 & 24, 2012. 100%

Structure Erecting

2-T-230-DB and 1-T-230-PE. April 21, 2012  
2-T-230JP April 23 & 24, 2012 100%

Guy & anchors Installation

1-T-230-PE (8 anchors) (screw anchors) April 21, 2012  
1-T-230JP (20 anchors) (screw anchors) April 23 & 24 2012.  
1-T-230JP (20 anchors) (screw anchors) April 24, 2012

Wire Stringing

Structure 191C to steel Tower in Merricant Substation April 21, 2012  
Structures 191A to 191-C April 26, 2012  
Structures 191-E to steel Tower in Merricant Substation April 25, 2012  
Sagged 191C to sub D.E. Tower April 21, 2012  
Sagged 191-A to 191C DE. April 26, 2012  
Sagged 191E to sub D.E. Tower April 25, 2012

100%

Kenneth W. Fisher HDR

## INSPECTOR'S WEEKLY REPORT

Line: Merricourt Taps Wishek Ellendale 230KV T.L. 091/1

Period: April 23, 2012 to April 27, 2012 Contractor: Brink

Inspector: Kenneth W. Fisher General Foreman: Seth Scott

Weather Conditions: Clear, pty cloudy - some sun to overcast rain very Breeze 5-35 mph  
Temp 30° to 76° Workmen Total: 14-13

### Progress:

1. Roads Built \_\_\_\_\_
2. Gates Built \_\_\_\_\_
3. Material Hauled 100%
4. Structures Framed 191A T-230-JP, 191E T-230-JP;
5. Digging 2-3 poles structure listed above No. 4
6. Structures Set 2-3 poles structure listed above No. 4
7. Sock Line Pulled from 191-A through 191-B to 191-C; 191E through 191D to  
D.E. Sub D.E. Tower
8. Wire Strung 191-A to 191-C and 191E to sub steel D.E. Tower
9. Wire Sagged & Clipped 191-A, 191B, 191C and 191E, 191D, D.E. Tower in Sub  
DE DB DE DE DB
10. Clean-up 100%

### Comments:

Contractor got their clearance on the 230KV Line that runs  
from Wishek to Ellendale 230KV T.L. 091/1 at 12:30 P.M. on  
Monday the 23rd of April 2012.

Release their clearance on Friday 27, 2012 of April  
after 2:00 P.M. was checked by Seth Scott and myself before releasing the  
clearance.  
For more information see Daily Records of Contractors  
Work sheet 4-23-12 to 4-26-12.

# TRANSMISSION LINE CONSTRUCTION

## RECORD OF CONTRACTORS TIME & EQUIPMENT

Merricourt Taps

PROJECT Wishok. Ellendale 230KV REPORTED BY Kenneth W. Fisher

DATE Monday 23-2012  
Tuesday 24-2012  
Wednesday 25-2012  
Thursday 26-2012

Brink contractor

MEN	NO.	TRAILS & LANDINGS	POLE & MATERIAL HAULING	HOLE DIGGING	STRUCTURE FRAMING (Ground)	STRUCTURE SETTING	STRUCTURE FRAMING (Aerial)	ANCHOR INSTALLATION	CONDUCTOR HAUL, STRING, SAG, CLIP	CLEAN-UP WORK	LOST TIME DUE TO ADVERSE WEATHER	TOTAL HOURS
FOREMAN	1					1			1			52
FOREMAN	1								1			38
FOREMAN	1				1							52
LINEMEN	1						1		1			52
LINEMEN	2								2			76
LINEMEN	4		3	4							4	210
LINEMEN	1							1				39
EQUIP. OPERATORS	2				2							102
EQUIP. OPERATORS	1							1				39
GROUND MEN	1											
GROUND MEN												
GROUND MEN												
GROUND MEN												
<b>TOTAL MEN</b>	<b>14</b>				7		2	2	6			<b>660</b>

4-23-12 13 HRS 14 MEN  
 4-23-12 14 HRS 8 men  
 4-24-12 13 HRS 11 MEN  
 4-25-12 12 HRS 11 MEN  
 4-25-12 7 HRS 5 men

4-23-12  
 4-24-12  
 4-24-12  
 4-25-12  
 4-25-12  
 4-25-12  
 4-25-12  
 4-25-12  
 4-25-12  
 4-25-12

**EQUIPMENT ON JOB (List on Monday and note only changes during week.)**

- |                                   |  |                                   |
|-----------------------------------|--|-----------------------------------|
| <u>3-2 Ton Pickups</u>            | <u>600 Texoma Hwy digger</u>                         |                                   |
| <u>2-1 Ton Pickups</u>            | <u>500 Texoma Hwy digger</u>                         |                                   |
| <u>2 3/4 Ton Pickups</u>          | <u>1-Tractor w Flat bed trailer</u>                  | <u>with two steel wire stands</u> |
| <u>Series 1800 National crane</u> | <u>1-Truck tension</u>                               |                                   |
| <u>Series 1300 National crane</u> | <u>1-3 Drum puller with 12,000 ft of Hard Line</u>   |                                   |
| <u>Series 900 National crane</u>  | <u>1-Truck w/ 2 steel wire stand for static wire</u> |                                   |
| <u>Series 800 National crane</u>  | <u>1-Ranger crew</u>                                 |                                   |
| <u>John Deere backhoe 410J</u>    | <u>2-Dynamometer</u>                                 |                                   |
| <u>John Deere Rubber track</u>    |  |                                   |
| <u>1-D6 cat</u>                   |  |                                   |

**WEATHER CONDITIONS (Indicate above approx. time lost due to adverse weather.)**

- |  |                        |                |
|--|------------------------|----------------|
| <u>clear light clouds wind 5 to 25 mph</u>                 | <u>Temp 31° to 68°</u> | <u>4-23-12</u> |
| <u>clear light clouds wind 5 to 20 mph</u>                 | <u>Temp 36° to 76°</u> | <u>4-24-12</u> |
| <u>mostly cloudy with some sun very breeze 5 to 30 mph</u> | <u>Temp 40° to 65°</u> | <u>4-25-12</u> |
| <u>Partly cloudy with sun cool wind 5 to 25 mph</u>        | <u>Temp 30° to 50°</u> | <u>4-26-12</u> |
| <u>Overcast rain breeze 5 to 30 mph</u>                    | <u>Temp 34° to 50°</u> | <u>4-27-12</u> |



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Wishek - Ellendale, 230kV, TL089 - Merricourt Taps

**DATE:** April 27, 2012

**WO:** J172396  
J186381  
JXXXXXX

**WEEK OF CONSTRUCTION:** April 23 to April 26, 2012

*Final*

*#32*

OPERATION		* PERCENT COMPLETION											
		10	20	30	40	50	60	70	80	90	100		
NEW CONSTRUCTION	STRUCTURE LOCATION STAKED												100%
	MATERIAL HAULED IN FIELD												100%
	STRUCTURE ASSEMBLING												100%
	STRUCTURE ERECTING												100%
	GUY & ANCHOR INSTALLATION												100%
	WIRE STRINGING												100%
	RIGHT OF WAY CLEARING												100%
RETIREMENT	POLE LINE REMOVAL												100%
	CONDUCTOR REMOVAL												100%
	MATERIAL RETURNS (New & Used)												100%

\* Percent completed to period of report .....  
Percent completed during period of report \*.....

**REMARKS:**

**CONTRACTOR:**  
BRINK CONSTRUCTORS, INC  
**BY:** S.S. Scott

**MONTANA-DAKOTA UTILITIES CO.**  
**BY:** Kenneth W. Fisher

April 23, 2012 to April 27, 2012

Merricant wind Farm to Ellendale 230KV Project

1-wire string 230KV 954 MCM ACSR 45/7  
and  $\frac{3}{8}$ " E.H.S. shield wire

OP&W CC57/465

Clipped in and installed Vibration Dampers on  
all wires where needed. From Structure No. 11  
to Structure No. 2. 100%

Kenneth W. Laker HDR

## INSPECTOR'S WEEKLY REPORT

Line: Merricant Wind Farm to Ellendale 230KV Project

Period: April 23, 2012 to April 27, 2012 Contractor: BRINK

Inspector: Kenneth W. Fisher General Foreman: Seth Scott

Weather Conditions: Temp. 30° to 76° Workmen Total: 5  
*clear, Ptly cloudy to overcast rain Breeze 5-35 mph.*

### Progress:

1. Roads Built Fence ground from 69 walking Towards STR. 2. stop at 42  
DB Fence 48-47
2. Gates Built at Structure 80, and between 133<sup>E</sup>, 132, Fence Corner
3. Material Hauled 100%
4. Structures Framed 100%
5. Digging 100%
6. Structures Set 100%
7. Sock Line Pulled 100%
8. Wire Strung 100%
9. Wire Sagged & Clipped Structure No: 11 to 2 also dampers.
10. Clean-up From Structure 42 to Structure 19.

### Comments:

Contractor finished Clipping in structures 11 to 5 Structure No: 2 also installed dampers where call for.

Still working on R/W cleanup around all Poles and filling in cuts on the R/W from Structure 42 to STR. 19.

Put grounds on Fence from Structure 69 to Structure 42.

Corona Rigs to be installed on Structure 76, 70 to 43.

490° for fiber shoes to be installed from Structure 2 to STR. 12.

No Work on Friday 27, 2012 due to rain and very wet grounds.

# TRANSMISSION LINE CONSTRUCTION

## RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Merrigourt Wind Farm to Elendable REPORTED BY Kenneth W. Fisher

DATE Monday 23 2012  
Thursday 24 2012  
Wednesday 25 2012  
Thursday 26 2012

MEN	NO.	TRAILS & LANDINGS	POLE & MATERIAL HAULING	HOLE DIGGING	STRUCTURE FRAMING (Ground)	STRUCTURE SETTING	STRUCTURE FRAMING (Aerial)	ANCHOR INSTALLATION	CONDUCTOR HAUL, STRING, SAG, CLIP	CLEAN-UP	WORK ON	LOST TIME DUE TO ADVERSE WEATHER	TOTAL HOURS
FOREMAN	1												
FOREMAN	1								1				19
FOREMAN	1												
LINEMEN	1												
LINEMEN													
LINEMEN <i>Appr.</i>	2								2				38
LINEMEN <i>Appr.</i>	4												
LINEMEN													
EQUIP. OPERATORS	1									1			12
EQUIP. OPERATORS	2												
EQUIP. OPERATORS													
GROUND MEN	1											1	12
GROUND MEN													
GROUND MEN													
GROUND MEN													
TOTAL MEN	14								3				81

*4-24-12 13 HRS - 3 men  
 4-25-12 6 HRS - 3 men  
 4-26-12 12 HRS - 2 men*

*4-24-12  
 4-25-12  
 4-26-12  
 4-26-12*

**EQUIPMENT ON JOB (List on Monday and note only changes during week.)**

- 3- 2 Ton Pickups \_\_\_\_\_
- 2- 1 Ton Pickups \_\_\_\_\_
- 2- 3/4 Ton Pickups \_\_\_\_\_
- Series 1500 National Crane w/ Bucket \_\_\_\_\_
- Series 1300 National Crane w/ Bucket \_\_\_\_\_
- Series 900 National Crane w/ Bucket \_\_\_\_\_
- Series 800 National Crane \_\_\_\_\_
- John Deere backhoe 410 J w/ Bucket \_\_\_\_\_
- John Deere rubber track \_\_\_\_\_

**WEATHER CONDITIONS (Indicate above approx. time lost due to adverse weather.)**

- clear with light clouds wind 5 to 25 mph Temp 31° to 62° 4-23-12
- clear light clouds wind 5 to 20 mph Temp 36° to 76° 4-24-12
- Mostly cloudy with some sun very Breeze 5 to 30 mph Temp 40° to 65° 4-25-12
- Partly cloudy with sun cool wind 5 to 25 mph Temp 30° to 50° 4-26-12
- No work 4-27-12 Do to rain very wet ground

