

**WEEKLY REPORT
OF
CONSTRUCTION PROGRESS**

PROJECT:

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

DATE: April, 2012

WO: J172396
J186381
JXXXXXX

WEEK OF CONSTRUCTION: April 10, 2012 to April 14, 2012

#30

OPERATION		* PERCENT COMPLETION										
		10	20	30	40	50	60	70	80	90	100	
NEW CONSTRUCTION	4 No! STRUCTURE LOCATION STAKED											100%
	3 No! MATERIAL HAULED IN FIELD											100%
	2 No! STRUCTURE ASSEMBLING											99%
	2 No! STRUCTURE ERECTING											100%
	1 No! GUY & ANCHOR INSTALLATION											100%
	230KV 954mm DCSR 45/7 Conductor											91%
	3/8 EHS Shield wire WIRE STRINGING ^{OPGW wire} _{cc 54-465}											86%
RIGHT OF WAY CLEARING											90%	
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:

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Merricourt, Ashley, Wishek to Ellendale progress
report, week ending 4-14-2012

Montana-Dakota Utilities Co., a Division of MDU Resources
Group, Inc.

CONTRACTOR:
BRINK CONSTRUCTORS, INC

MONTANA-DAKOTA UTILITIES CO.

BY: S.S.

BY: Kenneth W. Fisher HDR

April 10, 2012 To April 14, 2012

Missouri Wind Farm to Ellendale 230 Kv Project

1-W wire string 230KV 954 MCM $\frac{45}{19}$ ACSR Rail $\frac{3}{8}$ " EHS,
Shield wire

156,819 Lb total $137,903 + 4,679 = 142,582$.886 miles

$156,819 / 142,582 = .9092 = 91\%$

INSPECTOR'S WEEKLY REPORT

Line: Merris out & wind Farm to Ellendale 250KV Project

Period: April 10, 2012 to April 14, 2012 Contractor: BRINK

Inspector: Fennett W. Fisher General Foreman: Seth Scott

Weather Conditions: Clear, smoky, wind to overcast rain wind 5 to 30 mph East up to 40 mph.
Temp 17° to 52° Workmen Total: 15-14

Progress:

1. Roads Built Landing Sac H" Structures 8 to 2
2. Gates Built _____
3. Material Hauled _____
4. Structures ^{actual} ~~Structures~~ clean up from 243 to 110 ^{STR. STR} See Daily Records of contractor work sheet date 4-10-12 to 4-12-12
5. Digging _____
6. Structures Set _____
7. Sock Line Pulled 30-29 to 24-23 and 24-23 to 11-10
8. Wire Strung 30-29 to 24-23
9. Wire Sagged & Clipped 30-29 to 25
10. Clean-up PLW From structure 163 to 67 fill in Rints clean up around all poles and anchors. with John Deere rubber cat track with bucket.

Comments:

12 men men worked on wire operation. From structure no. 30-29
to structure's 11-10. This week.

3 men worked on PLW clean up, on the ground and aerial clean up on
5 structure's. See Daily Records of Construction work sheet for more information
dated 4-10-12 to 4-12-12.

No work on Friday the 13th due to rain all day.

Saturday the 14th crew worked on wire removal from steel rods to wood rods.

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Merricourt Wind Farm to Elkendale REPORTED BY Kenneth W. Fisher
 DATE April 2012 230KV Project

DATE Tuesday 10, 2012
Wednesday 11, 2012
Thursday 12, 2012
Friday 13, 2012
Saturday 14, 2012
Brink Contractor

MEN	NO.	TRAILS & LANDINGS	POLE & MATERIAL HAULING	HOLE DIGGING	STRUCTURE FRAMING (Ground)	STRUCTURE SETTING	STRUCTURE SETTING	ANCHOR INSTALLATION	CONDUCTOR HAUL, STRING, SAG, CLIP	CLEAN-UP	WORK ALL PARTS	LOST TIME DUE TO ADVERSE WEATHER	TOTAL HOURS
FOREMAN <u>General</u>	1								1			1	39
FOREMAN	1						x 1		1				33
FOREMAN	1								1				33
LINEMEN													
LINEMEN <u>Appr.</u>	6						x 1		x 6			5	228
LINEMEN													
LINEMEN													
EQUIP. OPERATORS	1												33
EQUIP. OPERATORS	2						x 1		x 2			2	78
EQUIP. OPERATORS													
GROUNDMEN	2								2				66
GROUNDMEN													
GROUNDMEN	1						x 1		x 1	4-10-12			22
GROUNDMEN													
TOTAL MEN	15-14												532

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

- 3- 2 Ton Pickups
- 2- 1 Ton Pickups
- 600 Texoma Hwy Digger
- 500 Texoma Hwy Digger
- Series 1800 National Crane w/Basket
- Series 1300 National Crane w/Basket
- Series 800 National Crane w/Basket
- 2- John Deer skidders w/scraper
- air compressor w 2 Temp
- 3 Tractors w/Flat bed trailers with 2 steel reel stands on each trailer
- 1-Truck Tensior w/12,000 ft. H.L.
- 1- 3 Drum hand line Puller w-24,000ft used for OPGW wire
- 1- 1 Drum hand Line Puller
- 1-Truck with Tensior endsteel stand for OPGW wire
- 1-Truck w/2 steel stands for EHS shield wire
- John Deer back hoe 411J
- 2 Dynamometer
- 1- 4 Seater 4 wheeler Rubber cat tracks cleanup R/W
- 1- John Deere backhoe w bucket

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

- Clear wind 5 to 30 mph Temp 71° to 46° 4-10-12
- Clear Smokey wind 5 to 25 mph Temp 17° to 51° 4-11-12
- Ptly cloudy sunny windy 5 to 30 mph Gust up to 40 Temp 26 to 50° 4-12-12
- * Overcast rain wind 5 to 20 mph Temp 35° to 52° 4-13-12
- * No work on Friday The 13th Rain all day Saturday clear wind 5 to 15 mph Temp 30° to 65° 4-14-12

