

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

HENDERSON-UNION RURAL ELECTRIC)	
COOPERATIVE CORPORATION, INC.)	
)	
_____)	CASE NO. 92-416
)	
ALLEGED FAILURE TO COMPLY WITH)	
COMMISSION REGULATION 807 KAR 5:006)	

O R D E R

Henderson-Union Rural Electric Cooperative Corporation, Inc. ("Henderson-Union"), a Kentucky corporation which engages in the distribution of electricity to the public for compensation for lights, heat, power, and other uses, and which was formed under KRS 279.010 to 279.220, is a utility subject to Commission jurisdiction. KRS 278.010; KRS 279.210.

KRS 278.280(2) directs the Commission to prescribe rules and regulations for the performance of services by utilities. Pursuant to this statutory directive, the Commission promulgated Commission Regulation 807 KAR 5:006, Section 26, which requires electric utilities to notify the Commission of any accident which results in injury within two hours of the discovery of the accident by the utility.

Commission Staff has submitted to the Commission an Electrical Utility Accident Investigation Report dated August 19, 1992, appended hereto, which alleges that:

1. On June 11, 1992, Steve Cote, an employee of Meuth Construction Company, was unloading brick at a construction site of Highway 12 approximately 4 miles east of Henderson, Kentucky. During the work, the boom of the truck Mr. Cote was using came into contact with an overhead distribution line belonging to Henderson-Union, resulting in injury to Mr. Cote. Henderson-Union learned of the accident at 4:15 p.m. (CDT) but did not notify the Commission of the accident until 5:18 p.m. (CDT), June 12, 1992.

2. As a result of its failure to report the accident within two hours of discovery, Henderson-Union is in probable violation of 807 KAR 5:006, Section 26.

The Commission, on its own motion, HEREBY ORDERS that:

1. Henderson-Union shall submit to the Commission within 20 days of the date of this Order a written response to the allegations contained in the Electrical Utility Accident Investigation Report.

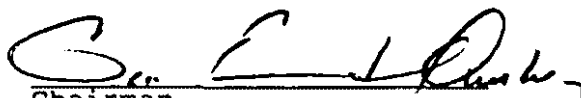
2. Henderson-Union shall appear at a hearing to be held on November 19, 1992, at 10:00 a.m., Eastern Standard Time, in Hearing Room 2 of the Commission's offices at 677 Comanche Trail, Frankfort, Kentucky, for the purpose of presenting evidence concerning the incident which is the subject of the Electrical Utility Accident Investigation Report, specifically the alleged violations of Commission Regulation 807 KAR 5:006, Section 26, and be prepared to show cause why it should not be subjected to the penalties of KRS 278.990 for its alleged failure to comply with Commission Regulation 807 KAR 5:006, Section 26.

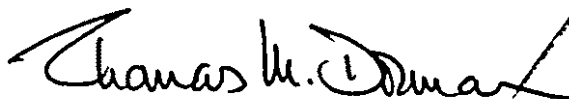
3. Henderson-Union shall appear at an informal conference to be held on October 26, 1992, at 1:00 p.m., Eastern Daylight Time, in Conference Room 1 of the Commission's offices at 730 Schenkel Lane, Frankfort, Kentucky.

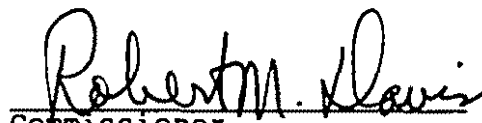
4. The Electrical Utility Accident Investigation Report dated August 19, 1992 is hereby made a part of the record of this case.

Done at Frankfort, Kentucky, this 28th day of September, 1992.

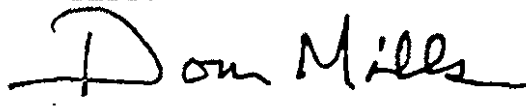
PUBLIC SERVICE COMMISSION


Chairman


Vice Chairman


Commissioner

ATTEST:


Executive Director

ACCIDENT NBR:00004 INVESTIGATION NBR: 9201000
UTILITY ID: 2100 HENDERSON-UNION R.E.C.C.

ACCIDENT DATE:06/11/92 15:49

DATE UTILITY LEARNED OF ACCIDENT: 06/11/92 16:15

DATE REPORTED:06/12/92 17:18

INV BEG DATE: 06/16/92 INV END DATE: 06/16/92

DATE SUMMARY WRITTEN REPORT RECEIVED FROM UTILITY: 06/12/92

ACCIDENT REPORTED BY:

John E. Newland, P.E.
Henderson-Union RECC
6402 Old Corydon Rd. P.O. Box 18
Henderson, KY 42420-0018
WORK PHONE: (502)826-3991

LOCATION OF ACCIDENT SITE:

Henderson-Union Map #10-72-23 4
miles east of Henderson, KY, off Hwy
12
Henderson, KY
COUNTY:Henderson PHONE:

CUSTOMERS OUT OF SERVICE: None

DESCRIPTION OF ACCIDENT:

Mr. Steve Cote, an employee of Meuth Construction Co., was unloading brick at a construction site off Hwy. 12 approximately 4 miles east of Henderson, KY, when accident occurred. Allegedly, Mr. Cote inadvertently pushed the wrong button on his hand-held control and the boom of his truck came into contact with a 7,200 volt overhead distribution line belonging to Henderson-Union RECC.

CORRECTIVE ACTIONS:

Single phase line was repaired and put back into service.
See interruption report.

VICTIMS:

NAME: Steve Cote
SEX: M AGE: 23 CONDITION: injured
EMPLOYER: Meuth Construction Co.
INJURIES: Minor burns on both hands and a minor burn on one foot.

PERSONS ASSISTING IN THE INVESTIGATION:

<u>NAME</u>	<u>EMPLOYER</u>
Charles Tucker-Dist. Manager	Henderson-Union RECC
Kenny Liggett-Servicemane	Henderson-Union RECC
Ronald D. Hallmark-Const. Supt.	Henderson-Union RECC
T.R. Jacobs-System Dispatcher	Henderson-Union RECC

SOURCES OF INFORMATION:

John Newland, Charles Tucker - Kenny Liggett-Ronald Hallmark-T. Jacobs all Henderson - Union RECC employees.
An onsite investigation by - John Land, PSC Engineering Staff.

PROBABLE VIOLATIONS OF COMMISSION REGULATIONS:

NBR OF VIOLATIONS: 1

INVESTIGATION NBR: 92 010 00 VIOLATION NBR: 001

FINDING PER REGULATION: 807 KAR 5:006 Sec. 26 Henderson-Union
RECC did not report this accident within (2) hours following
discovery by means outlined in 807 KAR 5:006 Sec. 26.

RECOMMENDATIONS PER FINDING:

It is recommended that the Commission consider action in
accordance with KRS 278.990, due to Henderson-Union RECC's
probable violation of 807 KAR 5:006, Sec. 26.

LINE CLEARANCES

A. At Point Of Accident	<u>AS MEASURED</u>	<u>MINIMUM ALLOWED BY NESC</u>
Phase conductor to ground elevation:	23'-9 1/2"	15'-0"
Neutral conductor to ground elevation:	19'-9"	15'-0"
Communications conductor to ground elevation:	14'-7"	8'-0"
Phase conductor to structure:	24'-3"	10'-0"

B. At Lowest Point Of Span

Phase conductor to ground elevation:	23'-2 1/2"	15'-0"
Neutral conductor to ground elevation:	19'-3 1/2"	15'-0"
Communications conductor to ground elevation:	14'-7"	8'-0"

C. SPAN LENGTH: 230.00 VOLTAGE OF LINE OR FACILITIES: 7200 V

YEAR THE LINE OR FACILITIES WERE CONSTRUCTED: 1990

DATE LAST INSPECTED BY UTILITY:11/19/90

DATE: 06/16/92

TIME: 12:35

APPROXIMATE TEMPERATURE: 91

MEASUREMENTS MADE BY: John Land, PSC, K. Liggett & R. Hallmark/Henderson URE

SUBMITTED BY: John W. Land

P. S. C.
ACCIDENT AND TROUBLE REPORT FORM

TODAY'S DATE 6/11/92 TIME 5:18 P.M. E
 COMPANY H. J. Linn Union Rec
 PERSON REPORTING INCIDENT: NAME: John E. Newland P.E.
 TITLE: Director of Engineering & operations
 ADDRESS: 1402 Wild Cornfield Rd. Henderson, Ky
 PHONE NO: 1-800-244-4832

ACCIDENT DESCRIPTION: A boom truck owned by Munich Construction
and driven by Steve Pate came into contact with a 1200
Volt Overhead line while unloading bricks at a construction site.

VICTIMS NAMES: Steve Pate SEX M AGE 23 DEATH INJURY ✓
 _____ SEX AGE DEATH INJURY
 _____ SEX AGE DEATH INJURY

LOCATION OF ACCIDENT: Hwy 812 4 miles East of Henderson
 & Jimmy Braxton Rt #3 Henderson Ky Acc. # 10-72-23
 TIME OF OCCURRENCE: approx 15:49 P.M. EST 6/11/92

TROUBLE DESCRIPTION: Single Ø line down.

TIME OF OCCURRENCE: 15:49 P.M. EST.
 TIME OF RESUMPTION OF NORMAL SERVICE: 16:25 P.M. CST.
 NUMBER OF CUSTOMERS AFFECTED: 13

SIGNED

DATE

John E. Newland
6/11/92

Henderson Union Rural Electric Cooperative, Inc. pc Dillon
6402 Old Corydon Road P.O. Box 18, Henderson, KY 40120-0018
(502) 826-3991 Toll Free in KY 1-800-844-4112



FAX TRANSMITTAL SHEET

DATE: 6-12-92

PAGES TRANSMITTED (INCLUDING THIS SHEET):

2

TO: John LAND

COMPANY: KY PSC

FAX NUMBER: 502 564 7279

FROM: John Newland

C. HURECC

FAX NUMBER: 502-622-3799

SUBJECT:

MESSAGE:

6-12-92
PRELIMINARY REPORT ACCIDENT

DATE 6-11-92
TIME 1550 HRS
PLACE HURECC MAP NO 10-72-8^{90K}23
HWY 812 4 MILES EAST OF HENDERSON (APPROX.)
PROPERTY SAMMY BROCATO
R+3
HENDERSON

WHO STEVE COTE - EMPLOYEE OF MEUTH CONSTRUCTION CO
AGE 23 (APPROX)
ADDRESS 1712 1st STREET
HENDERSON
HOME PHONE [REDACTED]

WHAT MR COTE WAS OPERATING A BOOM TRUCK, UNLOADING
BRICK. HE WAS ON GROUND USING CABLE STYLE REMOTE (C
HE MISTAKEDLY PUSHED BUTTON TO MAKE BOOM GO IN DIRE
TO CONTACT 7200 VOLT 1P 4W GCSB PRIMARY. THE BOOM
TRUCK BURNED THE PRIMARY WIRE INTO. THE PROTECTIVE DEV
WAS 2 1/2 MILES AWAY. IT IS ALSO A TYPE L, KYLE HEAVY
OIL CIRCUIT RECLOSER. THE RECLOSER LOCKED OPEN AND WE
RECEIVED CALLS FROM CONSUMERS ON THE LINE.
WHEN WE ARRIVED MR. COTE SAID HE WAS ALRIGHT. WE
HE TO SEE DOCTOR. WE TOOK HIM TO A FAMILY MEMBER
TOOK HIM TO A DOCTOR AT THE EMERGENCY ROOM, COMMUNIT
METHODIST HOSPITAL.
HE WAS KEPT OVERNIGHT & RELEASED FRIDAY A.M. HE WA
TO RETURN TO DOCTOR TUESDAY, 6/16 TO HAVE FOOT EXAMINED
HAS MINOR BURNS ON BOTH HANDS & A MINOR BURN ON O
WE HAVE TAKEN PICTURES AND WILL COMPLETE OUR REPORT
THE NEXT 2 WEEKS. OUR CLEARANCE WAS 20'-1" TO NEUTRAL
23'-11" TO OUR PRIMARY. WE FEEL THE RECLOSER OPERATE
PROPERLY.

JOHN NEWLAND WILL BE OUT OF THE OFFICE THE WEEK OF
IF YOU HAVE QUESTIONS CONTACT RON HALLMARK, HOLLI
OR CHARLES TUCKER

HENDERSON UN : CELL 1-800-844-4832

FAX 502 826 3999

Henderson-Union Rural Electric Cooperative Corporation
1402 Old Convent Road, P.O. Box 18, Henderson, KY 42420-0018
(502) 826-3991 Toll Free in KY 1-800-844-4832



June 25, 1992

RECEIVED

JUN 27 1992

Kentucky Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

DIVISION OF UTILITY
ENGINEERING & SERVICE...

Attn: John Land

Re: Report of Public Contact - June 11th

Enclosed you will find our Final Report and other documentation concerning this incident. Included is:

- Final Report
- Interruption Report
- Dispatcher's Memo
- Staking Sheet for Original Line Construction - W. O. #25123
- Area Grid Sheet identifying pole and location - Grid 10-72

We understand you received copies of our photographs during your visit on June 16th.

Please call if we can provide other information. Thank you for assisting with our investigation.

John E. Newland

John E. Newland, P. E.
Director of Engineering and Operations

ab

Enclosure

Henderson-Union Rural Electric Cooperative Corporation
1402 Old Corydon Road P.O. Box 18 Henderson, KY 42420-0018
(502) 826-3991 Toll Free in KY 1-800-844-4832



ACCIDENT REPORT

Date: June 11, 1992
Time: 1550 hours
Place: HURECC Map No. 10-72-23
Highway 812 4 miles East of Henderson (approx.)
Property: Sammy Brocato
Route 3
Henderson, KY
Who: Steve Cote - Employee of Meuth Construction Company
Age: 23 (approx.)
Address: 1712 First Street
Henderson
Home Phone: [REDACTED]
What: Mr. Cote was operating a boom truck, unloading brick. He was on ground using cable style remote control he mistakely pushed button to make boom go in direction to contact 7200 volt 10, 4 ACSR primary. The boom of the truck burned the primary wire into. The protective device was 2½ miles away. It is a type L, Kyle heavy duty oil circuit recloser. The recloser locked open and we received calls from consumers on the line.

When we arrived Mr. Cote said he was alright. We insisted he go to see a doctor. We took him to a family member, who took him to a doctor at the Emergency Room, Community Methodist Hospital.

He was kept overnight and released Friday a.m. He was told to return to doctor Tuesday, 6/16 to have foot examined. He has minor burns on both hands and a minor burn on one foot.

We have taken pictures and will complete our report within the next 2 weeks. Our clearance was 20'-1" to neutral and 23'-11" to our primary. We feel the recloser operated properly.

We have been informed Mr. Cote is back at work with no apparent problems.

This section of line (Section 0544) was inspected in the spring of 1990 and is scheduled for inspection in January 1993.

John E. Newland
John E. Newland

INTERRUPTION REPORT

Serial No. _____

Time Reported 15:49 Reported By: James McConally

Report Received By: GRF Assigned To: 12-Henry Lygall

Time Off: 15:45 Time On: 16:25 Total Time 40 min

Location or Area Affected: 9-22-6

Number of Members Affected: 13 Consumer Hours Off: 8 hrs 40 min.

Causes: Mouth Black company got a horse truck into the line
while unloading blocks at 10-22-6 - burned 1st line down
23

Action Taken: Repaired line. -

Date: 6-11-92 Signed: GRF

Title _____

TO: JOHN NEWLAND ON (DATE/TIME) 06/ 11/ 92 :

ON 6-11-92 AT LOCATION 10-72-23 A TRUCK HAULING BRICKS WHICH WAS
BY MEUTH CONSTRUCTION WAS UNLOADING BRICKS WHEN IT CAME IN CONTACT
A SINGLE PHASE 7200 VOLT LINE. THE FOUR ACSR PRIMARY WIRE WAS BURNED
DOWN. THE DRIVER WAS BURNED ON BOTH HANDS AND ONE FOOT. THE TRUCK
RECEIVED SOME DAMAGE. I RECEIVED THE FIRST REPORT OF THE OUTAGE AT
15:45 FROM MRS. JAMES MCCONATHY. HER ACCOUNT NUMBER IS [REDACTED]. K
LIGGETT WAS DISPATCHED TO THE TROUBLE SITE WHERE HE OPENED THE TAP
RESTORED POWER TO THE REST OF THE CONSUMERS AT 16:25. AFTER I RECEIVED
THE FIRST REPORT OF LIGHTS OUT A ROGER MEUTH CALLED AND SAID THAT
HIS TRUCKS HAD HIT OUR LINE BUT THAT THE DRIVER WAS NOT HURT AND
TRUCK WAS OK.

FROM: TERRELL R. JACOBS
ENGINEERING DEPT.
SYSTEM DISPATCHER

■ HENDERSON
■ ■ ■ UNION
■■■■ ■
■ ■ ■ R.E.
■ ■ ■ ----
P.O. 18
6402 OLD CORYDO
HENDERSON, KY. 42
502-826-3991
KY. ONLY 1-800-844-4832



Engineering notes

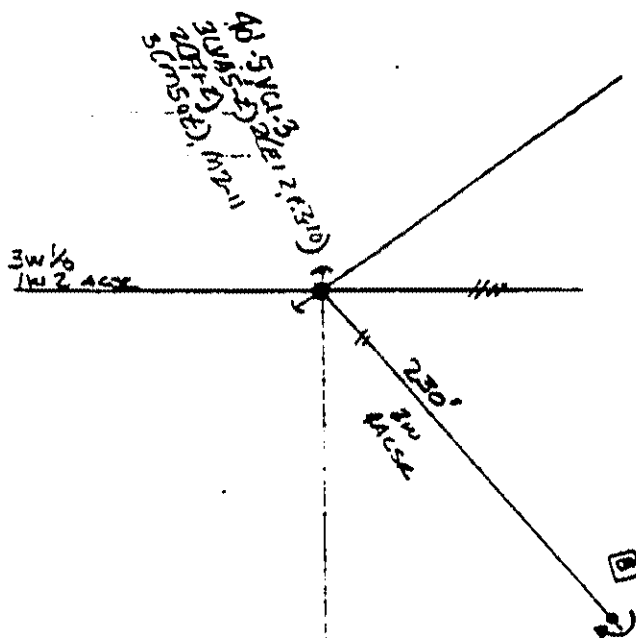
20'-0" cl.

40'-1" pole in pt. located

GRID 10-72-

PTC-385
APPORTIONED

Specs for quadrat pit limit
Not being built in on carted & could not
stop from refire



35'-5" LAS BL-1, ES-101, FI-2, G-15, VI, MI-11
MB, TEMP, SVC

①

②

Clean-Up Notes From
Inventory and Inspection
Contract Work - H.U.R.E.C.C.

(502) 826-3991

Richardson Construction

DATE	19 Nov 79	JOB NO.	708504
PROJECT			
LOCATION			
CONTRACTOR	OWNER		
WEATHER	CLOUDY	TEMP.	55° at 1
PRESENT AT SITE	JN		
Sh 1 of 5			

THE FOLLOWING WAS NOTED:

Recheck
11/20/79 by TPD
all is OK except
10-72 pole 58. It could
not be moved due to
water line for

9-57
Pole 42: OK

Pole 43: OK

Pole 41: OK

Pole 46: OK

Pole 47: OK

9-58

Pole 11: Complete repair 1" steel rod on H 20 pole

Pole 12: extend jumper from top neutral to main line neutral

Pole 14: Tap riser from main line to 1" steel rod & 1" main line
Shorten jumper on top of 1" steel rod - move jumper down to H 7 5

Pole 12: X-arm out of cast

Pole 19: OK

Pole 20: OK

Pole 32: OK

9-60

Pole 33: OK

Pole 34: X-arm out of cast

9-68
Pole 33: OK

Pole 4: extend jumper from top neutral to main line neutral

Pole 13: OK

Pole 14: OK

Pole 15: OK

(502) 826-3991

THE FOLLOWING WAS NOTED:

Ref: OK

Pls: OK

File: OK

File 20: OK

FILE 21: Shorten jumper on top of circuit board top surface 2
17.000 2mm. 17.000 2mm.

File 22: shorten in top of rest of

File 23: OK

2-49
Note 1: Shorten jumper on fence drive; internal mounting
is snub installed side pole ground; extend top neutral jumper
near line neutral. (Note: 22' 6" clearance of primary side drive)

Pls. 2: OK

Pl. 53. OK.

Pls 5: GK

Pls 8: extend tpx neutral to minimize new leak; shorten jump to XGenec burning.

BLE:11:OK

Pbl 13: extend top reaction to make less neutral

File 16: Shosters jumper on fold piece

**Clean-Up Notes From
Inventory and Inspection
Contract Work - H.U.R.E.C.C.**

(502) 826-3991

DATE		JOB NO.	
		909544	
PROJECT			
LOCATION			
CONTRACTOR		OWNER	
WEATHER		TEMP.	33°
			33°
PRESENT AT SITE			
SA 3 of 5			

THE FOLLOWING WAS NOTED:

- 9-69
Pole 19: extend top member to center line. 7-10-70
- Pole 20: ~~OK~~ OK
- Pole 24: ~~OK~~ Same as #19 above
- Pole 27: OK
- Pole 28: OK
- Pole 29: OK (Note: 20-9' clearance to top of pole)
- 9-70
Pole 1: OK
- Pole 33: OK
- Pole 3: OK
- Pole 4: OK
- Pole 9: after foundation work done (See Pole "A" make up solid connection on top (cutout will be across road))
- Pole "A" not worked, see staking sheet
- Pole 13: OK
- Pole 14: OK
- Pole 15: OK
- Pole 16: sleeve pole ground (RTD)
- Pole 17: install anchor band
- Pole 6: OK
- Pole 7: OK (128)

**Clean-Up Notes From
Inventory and Inspection
Contract Work - H.U.R.E.C.C.**

(502) 826-3991

DATE		OS NO
		903504
PROJECT		
LOCATION		
CONTRACTOR		OWNER
WEATHER		TEMP. °SE °SE
PRESENT AT SITE		
5h 47 E		

THE FOLLOWING WAS NOTED:

10-72
Pole A: OK

Pole 9: Line up saddle washer A to backfill

Pole 10: not enough staples on pole end

Pole 11: OK

Pole 51: Same as 10 H.D.C.

Pole 15: move K11 away from pole grid; keep it 12" from E hardware to grid junction

Pole 52: tightening

Note: All old poles can be painted, done with

Pole 53: out of place

Pole 54: OK

Pole 55: OK

Pole 56: OK

Pole 45: OK

Pole 57: not enough staples; tighten locknut B & inside D.A. to

Pole 58: move 12" closer to road (out of line)

(1984

Pole 90: OK

(197

Pole 91: OK

Pole 45: OK

Pole 2: remove E1-2, F1-2 sheet did not call for them

**Clean-Up Notes From
Inventory and Inspection**

Contract Work - H.U.R.E.C.C.

(502) 826-3991

TO

DATE		JOB NO.	
		908504	
PROJECT			
LOCATION			
CONTRACTOR		OWNER	
WEATHER		TEMP.	
		32	
		32	
PRESENT AT SITE			
Sh 5 of 5			

THE FOLLOWING WAS NOTED:

10-92

Pole 92: not enough staples

Pole 5: Same as 92

Pole 23: Same as 92

Pole 6: not enough staples to secure wire

Pole 14: ~~not~~ not enough staples

Pole 7: OK

Pole 67: ~~not~~ same as 24

Pole 14: includes 10' end of pole (insulation?) OK as is

UNIT. HENDERSON. KENTUCKY

WORK ORDER NO. 25122.4

COUNTY		INST.	REM.	SHEET / OF / SHEETS	
HENDERSON		1		SEE SKETCH ON DETAIL MAP NO. 4	
				ENGINEER	3.25.85
				STARTED	3.22.85
				CHECKED	
				RELEASED FOR CONST.	

SHEET DATA

"E"		"F"		"G" TRANSFORMER		"M-2"		J		K		SERVICE		SE NO		
I	N	I	N	H	I	N	I	N	I	N	I	N	SPAN	I	N	M
1-2	2,3-10 1-2	1-2	1-2		9-15						MS-1	11				1
	3-10 1-2		1-2				9-15		11						MT. 3	

OAD DATA					UNITS INSTALLED					UNITS RETIRED				
A	W	D	M		NO	NO	NO	SPAN		NO	NO	NO	SPAN	
					KWHR	KWHR	KWHR	FEET		WIR	WIR	WIR	FEET	

NOTES

Ask SCBT To mark cable Route. Reposition
Ex. Transformer.
New Svc.

ELECTRIC CO-OP. CORP.

DETAIL MAP NUMBER 9-10-72

RECC

DATE

LAST POLE NO.

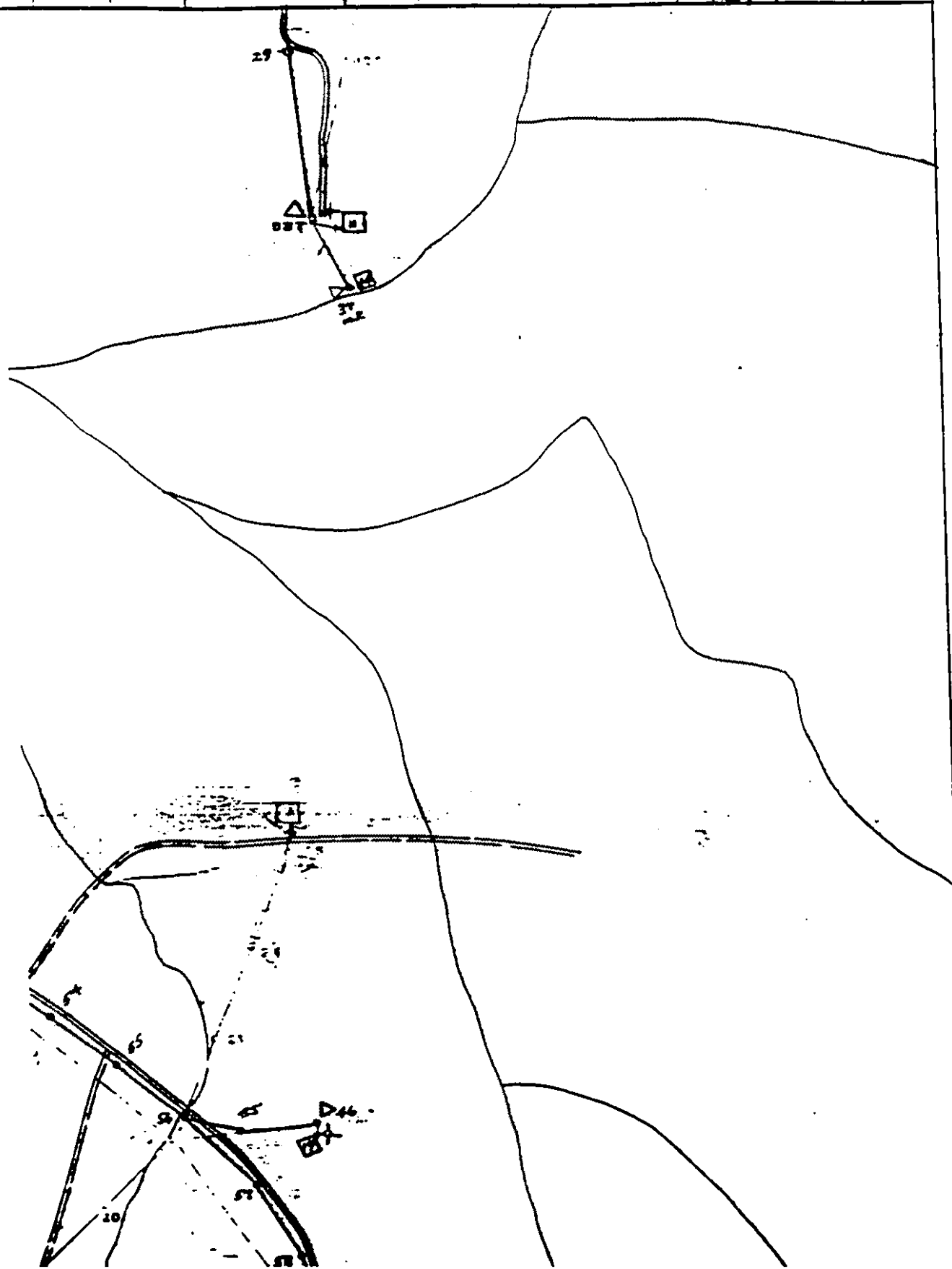
28, 44, 47, 49, 50, 51

SH. 1

LAST CUST NO.

11, 22, 23, 24

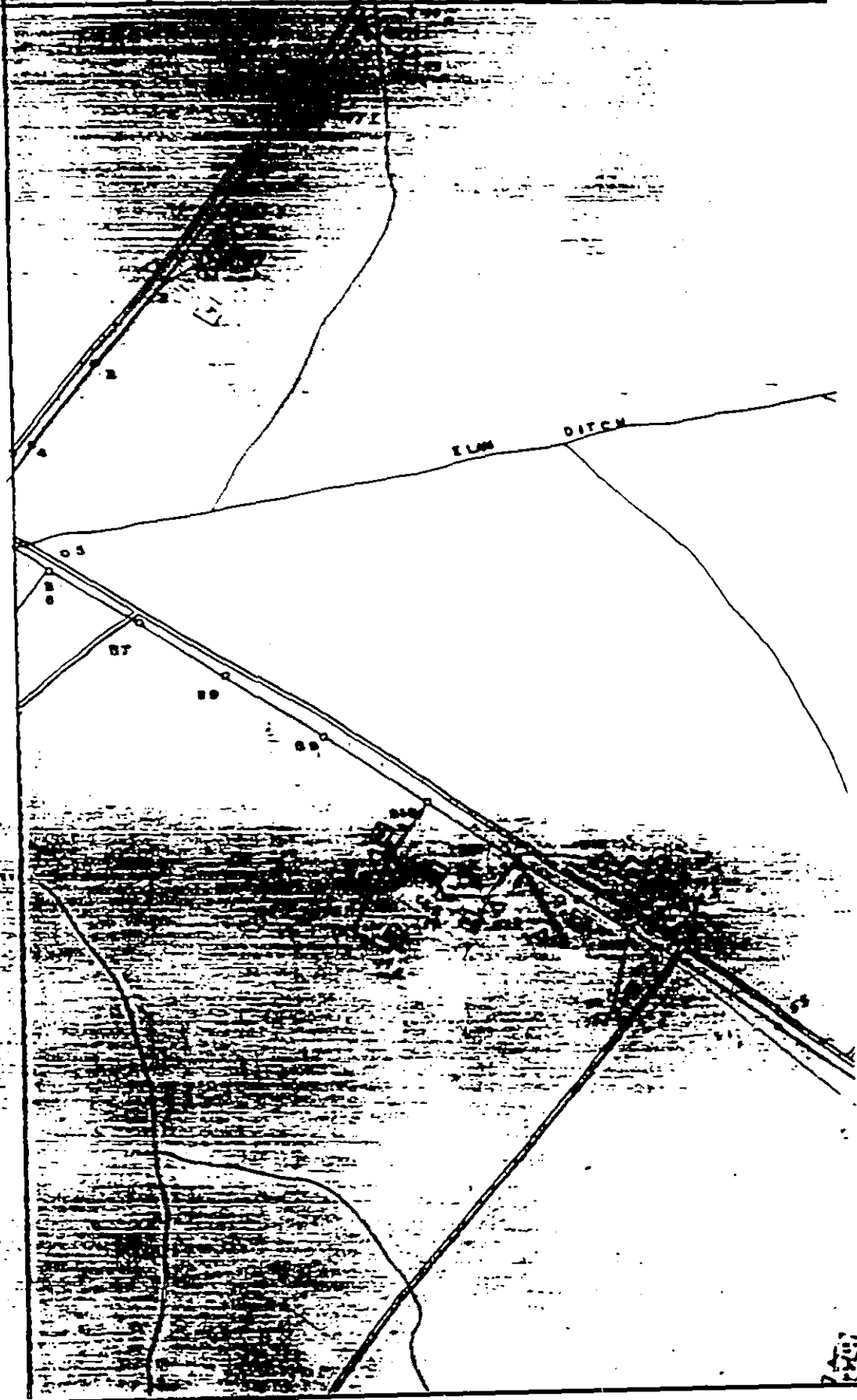
OF 1

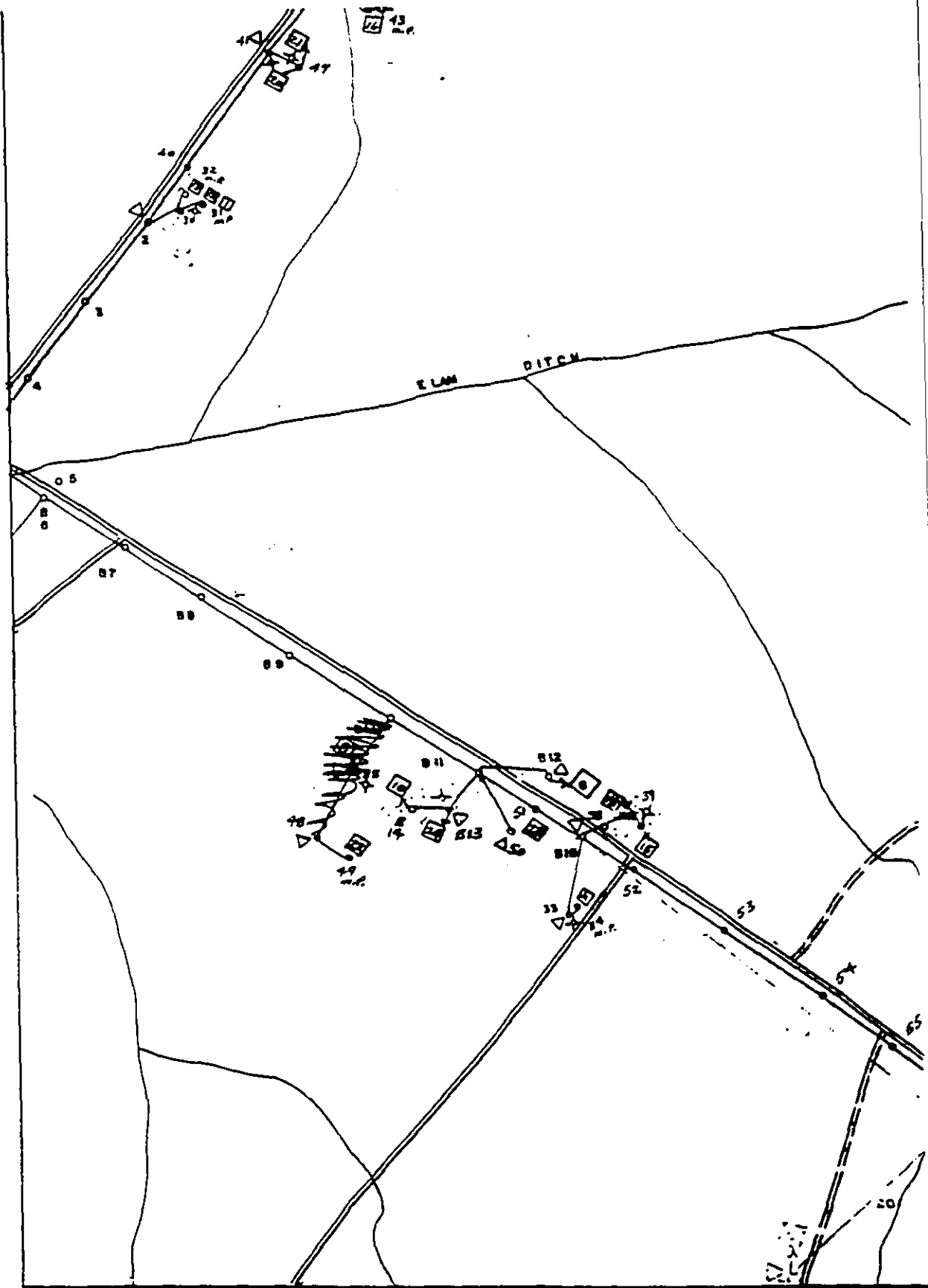


HENDERSON-UNION RURAL

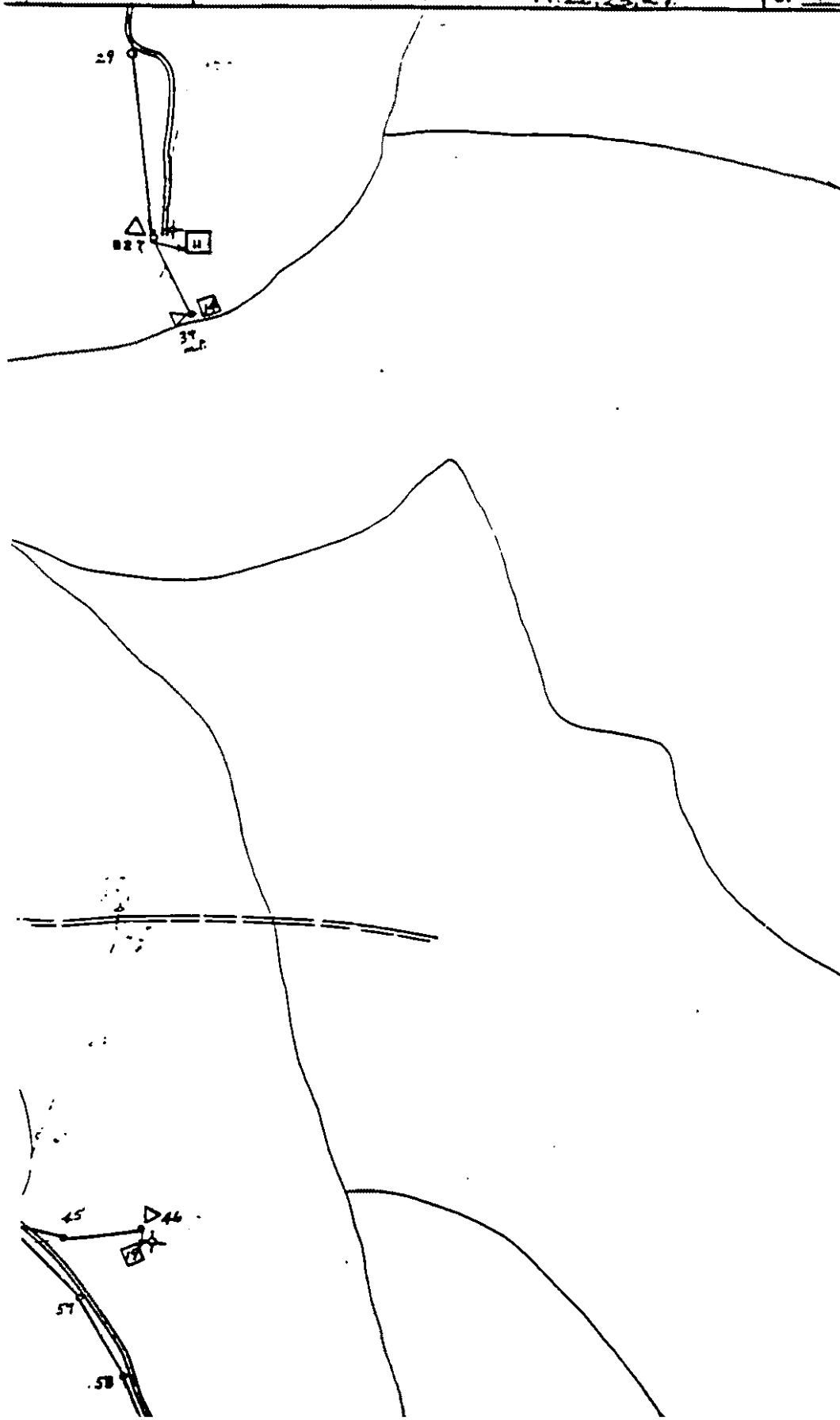
JOINT USE RECCT B RECC

48



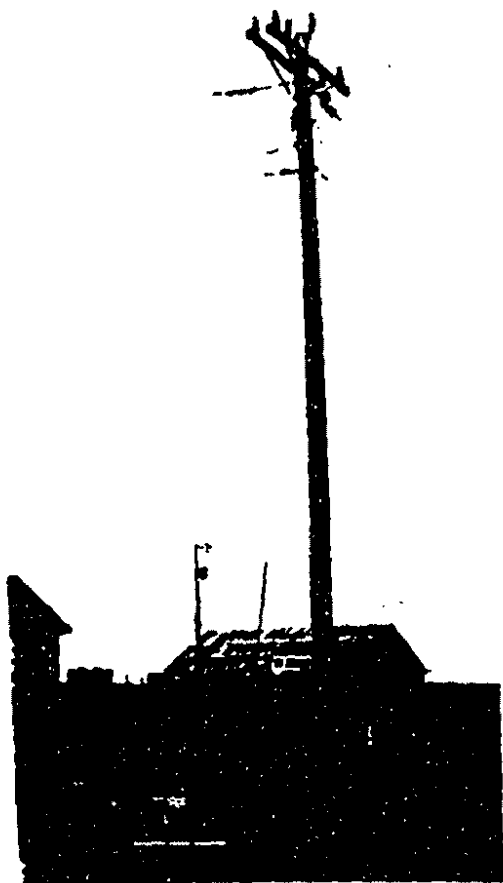


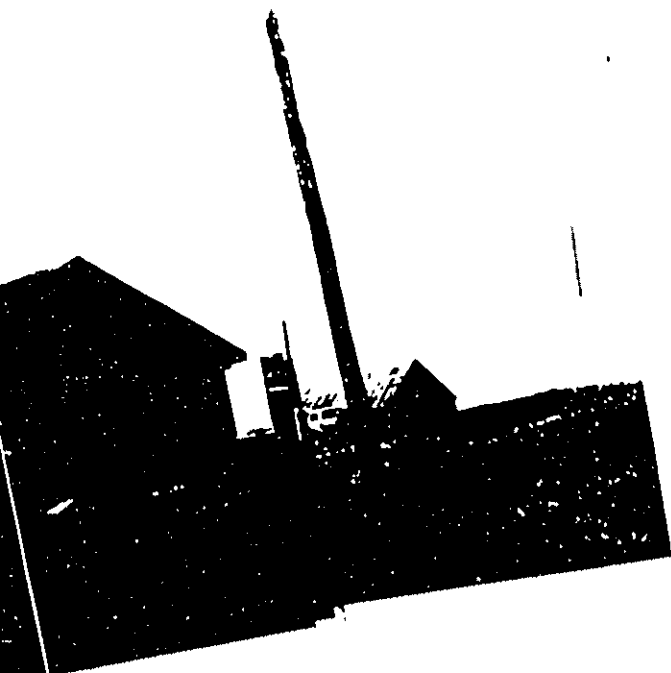
DATE	LAST MILE NO.	60 44 46 47 49 50 58	SHEET 1
	LAST CUST NO.	11.22.23.24	OF 1



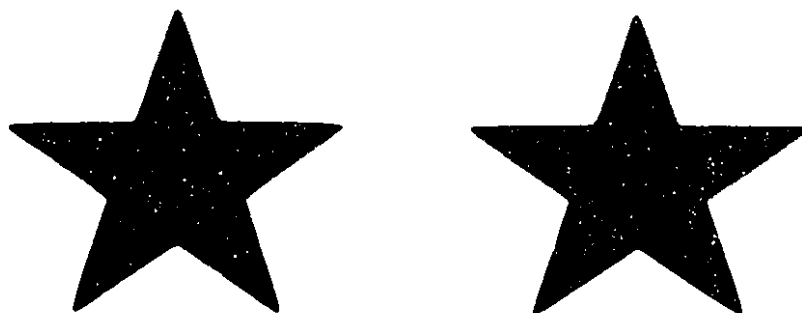
ATTACHMENT D

FIELD PHOTOGRAPHS





CORRECTION



***PRECEDING IMAGE HAS BEEN
REFILMED
TO ASSURE LEGIBILITY OR TO
CORRECT A POSSIBLE ERROR***

