THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

37-083-12
BAYS QUADRANGLE
115 KENTUCKY
N3730-W8300/15
DIAGRAM NJ 17-7
JENKINS

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Breathitt, Knott, Magoffin and Wolfe Counties, Kentucky

Final adjustment of 1973

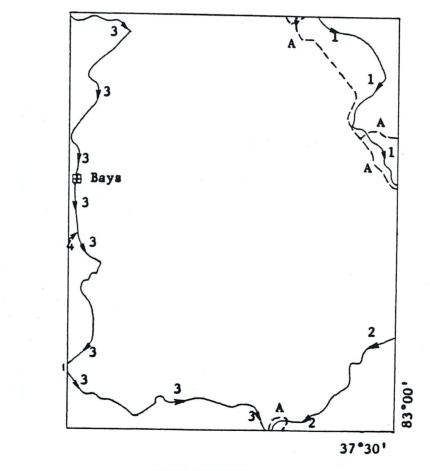
Edition of 6/14/74

PR: WSM/sws

LEE CITY

(116)

DINGUS (139)



PRESTONS BURG (114)

BITUE DIAMOND, (87)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370831

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106 EOM 1949 885	3	26 JDN 1949 821	7
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108 EOM 1949 889.811	4	28 JDN 1949 968	8
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115 EOM 1949 1272	4	30 JDN 1949 874	9
116 EOM 1949 929	4	TT 44 DWp 1949 1473	6
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17 JDN 1949 885	6	NCC	
18 JDN 1949 900	6	<u>NGS</u>	
19 JDN 1949 925	6	п 01 1025	•
13 JNW 1343 353	6	H 91 1935	3
		SWAMP 1949	4

Feet

901.697

904.66

882.27

Swamptown, 2.3 mi NW. of post office; 800 ft N. of rd. forks at mouth of Gun Creek; on E. side of and 5 ft higher than rd.; under 42-in. dead sycamore tree; at foot on rd. side of large sandstone rock; in top of projection; standard tablet stamped "902 KY" (Reported

ISOLATED BENCH MARKS (By S. R. Archer, 1915; Book A9638)

The state of the s

U.E., Salyersville, 6.1 mi SE. of post office; opposite farmhouse; on N. end of W. headwall of concrete bridge; chiseled square

bridge; on NW. end of SW. headwall of concrete bridge under State

U.E., Salyersville, 6.7 mi SE. of post office; 30 ft NE. of RR.

Highway 7; chiseled square

LINE I (Cont'd.) Feet Royalton, 0.1 mi S. of C. & O. RR. station, along State Highway 7; 18 ft E. of centerline of hwy.; 210 ft W. of school; 171 ft S. of SW. corner of post office; in E. end of S. abutment of bridge over Gum Creek; standard tablet stamped "108 EOM 1949 889,811" (Tied 889.811 by NGS, 1952) Reference mark; 280 ft N. of tablet; at SW. corner of store building; on S. side of foundation stone; chiseled square 887.87 Royalton, 2.0 mi SE. of, along State Highway 7; 0.5 mi E. of Swamptown Post Office; 500 ft SE. of crossroads; 90 ft SW. of and 14 ft lower than centerline of hwy.; in 3- by 6- by 12-ft rock ledge; standard tablet stamped "109 EOM 1949 901" 901.448 Reference mark; 180 ft N. of tablet; 320 ft SE. of crossroads; on NE. headwall of concrete culvert; chiseled square 908.41 Royalton Post Office, 2.5 mi SE. of; 530 ft SE. of top of hill; 65 ft SW. of, and 12 ft lower than centerline of State Highway 7; in 3- by 6- by 8-ft boulder; NGS standard azimuth mark disk stamped "SWAMP 1949" 937.940 U.E., Royalton, 4.0 mi SE. of post office; 50 ft N. of T-junction with mine rd. NE.; at E. edge of, and 3 ft higher than rd.; on ledge of rock cliff; chiseled square 941.03 LINE 2. By E. C. Miner, 1949; Book AV 100 Evanston, 1.3 mi NE. of, along State Highway 542; 115 ft S. and 75 ft W. of centerline of hwy.; 100 ft W. of top of ridge; in deep

cut through ridge; in sandstone ledge; standard tablet stamped "115 EOM 1949 1272" (Reported destroyed, 1950)

1271.856

Reference mark; 180 ft N. of tablet; at E. edge of rd.; on 1- by 1- by 3-ft rook ledge; chiseled square

1280.18

Royalton, 9.1 mi SE. of, along State Highway 7, thence 8.2 mi S. and W.; 17.7 mi SE. along Spring Fork Road from its junction with State Highway 30 near Rousseau School, at Pond Creek Pocahontas Coal Company Camp; 335 ft SE. of grade crossing of Chesapeake and Ohio Railway; 160 ft NE. of C. and O. RR. bridge over Little Fork; 35 ft NE. of large boulder; in concrete post; standard tablet stamped "116 EOM 1949 929"

928.650

LINE 2 (Cont'd.) Feet Reference mark; 35 ft SW. of tablet; on top of SE. side of 3- by 12by 12-ft tilted boulder; chiseled square 930.59 U.E., Pond Creek Pocahontas Coal Company Camp, 2.2 mi SW. of; at SE. edge of trail; on 1- by 1-ft ledge; chiseled square 1131.51 Pond Creek Pocahontas Coal Company Camp, 4.3 mi SW. of by footpath; 1.5 mi NE. of Decoy School; 760 ft NW. of junction of Middle Fork and Big Branch; 25 ft NE. of Y-rd. junction; 2 ft S. of face of large boulder; in concrete post; standard tablet stamped "117 EOM 1949 899" 899.243 Reference mark; 37 ft SE. of tablet; at NW. edge of and 3 ft higher than rd.; on NW. end of rock ledge; chiseled square 902.06 U.E., Decoy School, 0.6 mi NE. of; 55 ft SW. of fence corner; at NW. edge of, and 3 ft higher than rd.; on ledge chiseled square 889.57 Decoy School; 25 ft E. of SE. corner; on Breathitt-Knott County line; at junction of Middle Fork and Laurel Fork of Quicksand Creek; in concrete post; standard tablet stamped "118 EOM 1949 888" 888.302 Reference mark; 85 ft E. of tablet; in base on NW. side of 24-in. sycamore tree; rail spike 880.60 LINE 3. By J. D. Nikolaus, 1949; Book AV 106 Netty, 79.3 ft W. of SW. corner of post office; 2.0 mi W. of rd. junction S. of Hager; 13 ft N. of center of rd.; 9.7 ft W. of corner fencepost; in concrete post; standard tablet stamped "15 JDN 1949 861" (Not found, 1965) 861.486 Reference mark; 50 ft SE. of tablet; 50 ft SW. of SW. corner of post office; 5 ft SW. of center of rd.; on flat embedded boulder; chiseled square 858.57 Hager, 0.6 mi SW. of; 7.6 mi N. of Town Flat; 270 ft E. of small frame house owned by Barney Reed; 47 ft SE. of corner fencepost; 24 ft E. of edge of cultivated field; 19.5 ft S. of centerline of rd.; in concrete post; standard tablet stamped "16 JDN 1949 847" 847.089 (Not found, 1965) Reference mark; 430 ft E. of tablet; 6 ft SW. of centerline of and 3.5 ft higher than rd.; in base of 8-in poplar tree; copper nail and washer 847.12

ford crossing; 30 ft NW. of Y-rd. forks; 3 ft E. of E. corner of

802.26

garage; on boulder; chiseled square

destroyed, 1951)

The same of the sa

820.635 -

LINE 3 (Cont'd.) Feet Rousseau School, 0.7 mi NE. of, along State Highway 30; 4.5 mi S. of Bays School; 15 ft S. and 47 ft E. of T-junction; at large concrete bridge over Hunting Creek; in center of NE. headwall; standard tablet stamped 'TT 47 DWP 1949 783" 782.944 Reference mark; 195 ft NE. of tablet; 175 ft NE. of junction of State Highway 30 and T-rd. NE.; on SE. side of rd.; on NW. corner of concrete base form; chiseled square 783.68 U.E., Bays School, 4.8 mi S. of; 225 ft E. of Y-rd. forks; on E. end of L-shaped headwall of concrete culvert; chiseled square 786.76 Rousseau School, 1.6 mi SE. of, along Calhoun Branch; 210 ft N. of N. corner of residence of Robert Owsley; 20 ft NE. of stream crossing; 5 ft higher than streambed; in concrete post; standard tablet stamped "20 JDN 1949 839" 839.224 Reference mark; 350 ft NW. of tablet; 10 ft W.oof W. edge of creek; on large embedded boulder; chiseled square 831.21 Wilstacy, 2.4 mi N. of post office; 350 ft NE. of residence of Sam Napier; 45.5 ft NE. of N. corner of barn; 29 ft E. of centerline of creek; 12 ft N. of center of gate to lot; 7 ft S. of 6-in. lone willow tree; in concrete post; standard tablet stamped "21 JDN 1949 890" 889.862 Reference mark 1; 37.5 ft NE. of tablet; 100 ft NE. of barn; 10 ft W. of gate leading to field; on embedded boulder; chiseled square 889.90 Reference mark 2, 60 ft E. of barn; 28.7 ft SE. of tablet; 15 ft W. of creek; on small boulder; chiseled square 889.26 U.E., Wilstacy, 1.8 mi NE. of post office; on W. side of stream; 18 in. higher than creek bed; on wide flat-surfaced rock ledge; chiseled square 847.24 U.E., Wilstacy, 0.7 mi NE. of post office; on E. side of rd.; at base of steep incline; in center of large boulder; chiseled square 787.09 /Jogs into Lee City quadrangle/ Wilstacy, 2.4 mi E. of post office; 3.5 mi SW. of Laurel School; 14 ft SW. of corner of rail fence; 12 ft S. of center of rd.; in con-

crete post; standard tablet stamped "26 JDN 1949 821" (Reported

LINE 3 (Cont'd.)	Feet
Reference mark; 65 ft SW. of tablet; 39.6 ft S. of center of rd.; 23 ft N. of N. bank of creek; in base on N. side of 30-in. water-oak tree; copper nail and washer	817.44
U.E., Laurel School, 2.3 mi SW. of; 9 ft S. of center of rd.; on N. end of large boulder 12- by 12-ft; chiseled square	846.55
U.E., Laurel School, 1.8 mi SW. of; 15 ft S. of center of rd.; on N. bank of creek; on large rock boulder; chiseled square	865.64
Laurel School, 1.3 mi SW. of; 95 ft SW. of SW. corner of frame house; 95 ft N. of creek fork; 14.2 ft S. of center of rd.; 4.5 ft E. of stump; 3 ft in height; 9 ft W. of 24-in. sycamore tree; in concrete post; standard tablet stamped "27 JDN 1949 883" (Reported destroye 1953)	
Reference mark; 275 ft E. of tablet; 60 ft W. of ford crossing; in angle of Y-junction; 13 ft N. of center of rd.; 17 ft S. of center of rd.; in base on S. side of 10-in. sycamore tree; copper nail and washer	884.26
U.E., Laurel School, 300 ft SE. of; 10 ft S. of center of rd.; 4 ft W. of mail box belonging to T. H. Tincher; on embedded boulder; chiseled square	935.21
Laurel School, 0.6 mi NE. of; 350 ft SE. of mouth of Twomile Fork; 21 ft SW. of centerline of creekbed; 12.6 ft NW. of center of pole gate; 7 ft N. of path; in concrete post; standard tablet stamped "28 JDN 1949 968" (Disturbed, 1951)	967.702
Reference mark; 310 ft NW. of tablet; 150 ft S. of mouth of Twomile Fork; in base of NE. side of 16-in. apple tree at old house site; copper nail and washer	963.97
U.E., Laurel School, 1.7 mi NE. of; 23 ft N. of N. bank of stream; at N. edge of rd.; on large rock outcrop; chiseled square	1025.60
Laurel School, 2.6 mi E. of; 13 ft N. of centerline of rd. and creek- bed; in large rock outcrop; standard tablet stamped "29 JDN 1949 1112" (Reported destroyed, 1950)	1112.602
Reference mark; 255 ft E. of tablet; 17 ft N. of center of rd.; in root on N. side of 12-in. spruce tree; copper nail and washer	1121.55
U.E., Laurel School, 3.3 mi E. of; 3.2 mi NW. of Decoy School; at top of mountain; in center of rd.; on large embedded boulder; chiseled square	1430.61

LINE 3 (Cont'd.)

Feet

Decoy School, 2.1 mi NW. of, along Quicksand Creek; 450 ft SE. of Y-rd. forks; 25 ft NE. of edge of creek; 12 ft NE. of center of and 3 ft higher than rd.; in large embedded boulder; standard tablet stamped "30 JDN 1949 874"

873.767

U.E., Decoy School, 1.0 mi NW. of; 10 ft S. of center of rd.; 6 ft N. of N. bank of stream; 10 ft NW. of 18-in. sycamore tree; on embedded boulder; chiseled square

875.92

"118 EOM 1949 888" (Described in line 2)

888.302

LINE 4.

By Fred Ludke, 1950; Book AV 190

"TT 46 DWP 1949 805" (Described in line 3)

804.615

HORIZONTAL CONTROL MORTH AMERICAN DATUM OF 1927

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

37-083-12
BAYS QUADRANGLE
115 KENTUCKY
N3730-18300/15
DIAGRAM NJ 17-7
JENKINS

Breathitt, Knott, Magoffin, Morgan, and Wolfe Counties

LEE CITY

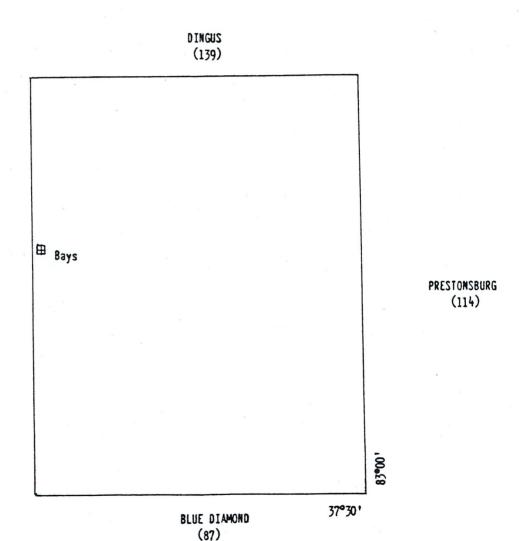
(116)

Edition of 10/26/76

PR: CRV/rmm

Plane coordinates are based on Lambert projection Kentucky, Morth and South Zones

Only the permanent marks are listed for control classified obsolete and are not shown on sketch



DISCLATIER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered <u>OBSOLETE</u> and is included in this list for the purpose of identification only.

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106 EOM 1949 885	3
107 EOM 1949 1065	
108 EOM 1949 889.811	3 3
115 EOM 1949 1272	3
116 EOM 1949 929	3
15 JDN 1942 861	4
16 JDN 1942 847	4
17 JDN 1942 885	4
18 JDN 1942 900	4
19 JDN 1942 925	4
20 JDN 1942 839	5
21 JDN 1942 890	5
26 JDN 1942 821	5
27 JDN 1942 883	5

THE REAL PROPERTY.

MOITATE

DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE

LONGITUDE

The following positions are considered OBOLSETE. To be used only to locate permanent marks in the field.

By D. W. Pinkston, 1949; Book AH 148

Evanston, 1.3 mi NE. of, along State Highway 542; 115 ft S. and 75 ft W. of centerline of hwy.; 100 ft W. of top of ridge; in deep cut through ridge; in sandstone ledge; standard tablet stamped "115 EOM 1949 1272" (Reported destroyed, 1950)

Ky. S.)

X = 2.792.058

Y = 454,957

37 33 05.29

83 01 02.91

Royalton, 9.1 mi SE. of, along State Highway 7, thence 8.2 mi S. and W.; 17.7 mi SE. along Spring Fork Road from its junction with State Highway 30 near Rousseau School, at Pond Creek Pocahontas Coal Company Camp; 335 ft SE. of grade crossing of Chesapeake and Ohio Railway; 160 ft NE. of C. and O. RR. bridge over Little Fork; 35 ft NE. of large boulder; in concrete post; standard tablet stamped "116 EOM 1949 929"

X = 2.787.269

Y = 551,142

37 32 28.95

83 02 03.70

Evanston, 1.7 mi S. of; 2.2 mi M. of slope mine; 1.7 mi S. of Pond Creek Pocahontas Coal Company Camp; 250 ft W. of C. & O. Ry.; 75 ft S. and 10 ft E. of small wooden bridge over Williams Branch; 47 ft SW. of centerline of rd.; 9 ft SW. of cluster of small sycamore trees; in concrete post; standard tablet stamped MTT 49 DWP 1949*

X = 2,788,582

Y = 443,199

37 31 10.08

83 01 50.25

Royalton, O.1 mi S. of C. & O. Ry. station, along State Highway 7; 18 ft E. of centerline of hwy.; 210 ft W. of school; 171 ft S. of SW. corner of post office; in E. end of S. abutment of bridge over Gum Creek; standard tablet stamped "108 EOM 1949 889.811"

X = 2.789.402

Y = 499.888

37 40 30.10

83 01 19.76

Royalton, 2.2 mi NW. of, along State Highway 7; 0.1 mi N. of residence of N. F. Fletcher; 35 ft S. and 96 ft E. of, and 3 ft higher than centerline of hwy. at junction of dim rd. E.; 34 ft NE. of E. corner of barn; 19 ft N. of fence corner; in concrete post; standard tablet stamped "107 EOM 1949 1065"

X = 2.788.536

Y = 508.690

37 41 57.33

83 01 27.37

Burning Fork, 1.2 mi SE. of post office, along State Highway 114; 330 ft SW. of centerline of hwy. at junction of graveled rd. SW.; 35 ft N. of, and 4 ft higher than ford across Burning Fork; 8 ft from S. corner of field; in concrete post; standard tablet stamped "106 EOM 1949 885"

X = 2,791,156

Y = 515,397

37 43 02.87

83 00 52.37

Burning Fork; 100 ft N. of post office; 92 ft NE. of, and 11 ft higher than junction of Y-rd.; in sandstone outcrop; standard tablet stamped "105 EOM 1949 901"

X = 2,788,453

Y = 521,060

37 43 59.60

83 01 23.96

MOITATZ

DESCRIPTION PLANE COORDINATES, FEET

LATITUDE 0 1 11

LONGITUDE 0 1 19

OBSOLETE MARKS (Cont'd.)

By T. W. Cayce, 1949; Book AH 142

Netty; 79 ft W. of SW. corner of post office; 2.0 mi W. of rd. junction S. of Hager; 13 ft N. of centerline of rd.; 10 ft W. of corner fencepost; in concrete post; standard tablet stamped "15 JDN 1949 861" (Not found, 1965)

Ky. S.)

X = 2.726.566

Y = 524.187

37 44 47.47

83 14 13.03

Hager, 0.6 mi SW. of; 7.6 mi N. of Town Flat; 270 ft E. of small frame house owned by Barney Reed; 47 ft SE. of corner fencepost; 24 ft E. of edge of cultivated field; 19.5 ft S. of centerline of rd.; in concrete post; standard tablet stamped "16 JDN 1949 847" (Not found, 1965)

X = 2,736,136

Y = 522.329

37 44 26.58

83 12 14-54

Hager, 2.4 mi SW. of; 3.3 mi N. of Dale; 19 ft N. of centerline of rd.; 565 ft E. of private cemetery; 52 ft E. of SE. corner of small frame house; 28 ft E. of power pole; in concrete post; standard tablet stamped "17 JDN 1949 885"

X = 2.730.594

Y = 515,506

37 43 20.61

83 13 25.79

Dale, 1.3 mi M. of; 1.6 mi SE. of Cutuno; 30 ft S. of centerline of rd. at junction of T-rd. S.; 41 ft NW. of SW. corner of barn; 5 ft S. of corner of hog pen; 2 ft W. of N. gatepost; in concrete post; standard tablet stamped "18 JDN 1949 900"

X = 2,730,322

Y = 508,508

37 42 11.52

83 13 31.50

Dale: 500 ft SW. of post office: 2.4 mi N. of Town Flat; 60 ft SE. of centerline of rd.; 8 ft E. of NE. corner of Dale School: 2.5 ft S. of fencepost; in concrete post; standard tablet stamped "19 JDN 1949 925"

X = 2.727.641

Y = 503.829

37 41 25,99

83 14 06.40

By D. W. Pinkston, 1949; Book AH 148

Rousseau School, 5.2 mi ME. of, along Hunting Creek; at Bays; 103 ft SW. of NW. corner of Bays School; 52 ft SE. of centerline of rd.; 2 ft N. and 2 ft E. of Bays Post Office and store building; in concrete post; standard tablet stamped "TT 45 DWP 1949 883"

X = 2,724,658 Y = 487.674

37 38 47.11

83 14 48.81

Rousseau School, 3.1 mi ME. of school, along Hunting Creek; 2.1 mi S. of Bays School; 300 ft S. of residence of George Lindsey; 32 ft W. of centerline of rd. at junction of I-rd.; 65 ft SE. of creek; 8 ft S. and 2 ft E. of SE. corner of two-car garage; in concrete post; standard tablet stamped "TT 46 DWP 1949 805"

X = 2,726,896 Y = 477,375

37 37 04-73

83 14 24.39

Rousseau School, 0.7 mi NE. of school, along State Highway 30; 4.5 mi S. of Bays School; 15 ft S. and 47 ft E. of centerline of hwy. at junction of T-rd. NE.; in NE. headwall of large concrete bridge over Hunting Creek; standard tablet stamped "TT 47 DWP 1949 783"

X = 2730.665

Y = 468.202

37 35 33.07

83 13 40.62

MOLTATS DESCRIPTION PLANE COORDINATES, FEET

LATITUDE 0 1 11

LONGITUDE 0 1 11

OBSOLETE MARKS (Cont'd.)

Rousseau School, 1.6 mi SE. of school, along Calhoun Branch; 210 ft N. of N. corner of home of Robert Owsley; 20 ft NE. of stream crossings; 5 ft higher than streambed; in concrete post; standard tablet stamped "20 JDN 1949 839"

X = 2.730.395Ky. S.)

Y = 461.694

37 34 28.82

83 13 46.12

Wilstacy, 2.4 mi NE. of post office; 350 ft NE. of residence of Sam Napier; 45.5 ft NE. of N. corner of barn; 29 ft E. of centerline of creek; 12 ft N. of center of gate to lot; 7 ft S. of 6-in. lone willow tree; in concrete post; standard tablet stamped "21 JDN 1949 890"

X = 2,730,372 Y = 454,275

37 33 15.50

83 13 48.86

Wilstacy, 2.4 mi SE. of post office; 3.5 mi SW. of Laurel School; 12 ft S. of centerline of rd.; 14 ft SW. of corner of rail fence; in concrete post; standard tablet stamped "26 JDN 1949 821" (Reported destroyed, 1951)

X = 2.731.686 Y = 441.734

37 31 11.20

83 13 36.71

Laurel School, 1.3 mi SW. of; 95 ft SW. of SW. corner of frame house; 95 ft N. of creek fork; 14.2 ft S. of center of rd.; 4.5 ft E. of stump; 3 ft in height; 9 ft W. of 24-in. sycamore tree; in concrete post; standard tablet stamped "27 JON 1949 883" (Reported destroyed, 1953)

X = 2.740.582

Y = 437.166

37 30 23.69

83 11 47,86

MARK TIED BY NGS

By T. W. Cayce, 1949; Book AH 142

"TT 44 DWP 1949 1473" (Destroyed, 1967)

X = 2.723.886.96 Y = 496.045.97

37 40 10.048

83 14 55.646

	KY 115	_ QUADRANGLE
5 5 5 ×		
8	·····FILED	3/87

NOTICE

FOR HORIZONTAL CONTROL

COMPUTER PRINT-OUT

KY-6 PROJECT HAP

COPY SUITABLE FOR XEROX

IS FILED IN 89 QUAD.

NOTE: This is to be stapled to the inside front cover of the horizontal control folder.