

Coded By 0491  
Checked By 118-274-92  
Entered By 2981  
Date 11-30-91

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 660  
County RANKIN  
Agency

Well No. E35  
Leesburg Quad  
GW 13175  
0610013-04

WELL RECORD

Agency Code U S G S Site Id 132126350894503011 Project No. 5  
Station Name 12 LEESBURG W IA Latitude 9 32 21 35 Longitude 10 08 14 50 3  
Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8 12 11 NW NW Land Net 13 SESE S 14 T 10 R 10 S E  
Location Map 14 LEESBURG Altitude 361 Met/Meas 17 A L M Accuracy 18 1 5 Hydrologic Unit 20 031181010121  
Agency Use 803 A I O Date Inventoried 7 11 / / / / / / / / Station Type 4 / / / / Y Data Type 804 / / / / / / / / / / / /

Instru. 805 Remarks 806 / / / / / / / / / / / / / / / / / / Relia. 3 C L M U 2=W X  
Date of Construction 21 04 / 11 81 / 11 9 11 Well Use 23 W Water Use 24 P Primary Aquifer 71 4 12 4 S P R T Hole Depth 27 21 0 0 0  
Well Depth 28 17 8 0 Water Level WA 30 17 11 / / / / Water Level Date 31 05 / 13 11 / 11 9 11 Method 34 / Status 37 / Source 33 D

CONSTRUCTION DATA  
R=58 T=A 723#1 Construction Date 60 05 / 13 11 / 11 9 11 Contractor 63 Okatt Name Layne Method 65 H Finish 66 G

CONSTRUCTION CASING DATA  
R=76 T=A 725#1 59#1 Top/Casing 77 11 101 Bot/Casing 78 17 25 Diameter 79 12  
R=76 T=A 725#2 59#1 Top/Casing 77 16 6 21 Bot/Casing 78 17 29 Diameter 79 18

CONSTRUCTION OPENINGS DATA  
R=82 T=A 726#1 59#1 Top/Depth 83 17 29 Bot/Depth 84 17 8 0 Diameter 87 18 Type 85 S Length 89 / / / / Width 88 10 2 10  
R=82 T=A 726#2 59#1 Top/Depth 83 / / / / Bot/Depth 84 / / / / Diameter 87 / / / / Type 85 / Length 89 / / / / Width 88 / / / /

CONSTRUCTION LIFT DATA  
R=42 T=A 254#1 Lift Type 43 T Date 38 05 / 13 11 / 11 9 11 Intake 44 12 9 10  
Power 45 E H.P. 46 15 0 Serial No. 49 / / / / / / / / / / / /

MISCELLANEOUS OWNER DATA  
R=158 T=A 718#1 Date of Ownership 159 05 / 13 11 / 11 9 11 Owner Name 161 LEESBURG W IA

MISCELLANEOUS OTHER ID DATA  
R=189 T=A 736#1 E-Log No. 190 6 6 0 Assigner 191 M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	1934         /         *	Aquifer Sampled	195#	Temp	196#00010	Value	197#
R=192	T=A	738#2	Date of Measurement	1934         /         *	Aquifer Sampled	195#	Sp Cond	196#00095	Value	197#
R=192	T=A	738#3	Date of Measurement	1934         /         *	Aquifer Sampled	195#	pH	196#00400	Value	197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#E *	Req. Depth	200#   1401   *	End Depth	201#   16201   *
R=198	T=A	739#1	Log Type	199#D *	Req. Depth	200#   1101   *	End Depth	201#   2010101   *

MISCELLANEOUS NETWORK DATA *706 = QW WL WS \**

R=114	T=A	730#1	Req. Year	115#   9     *	End Year	116#   9     *	Agency Source	120=A	117#	Freq.	118#     *
R=121	T=A	730#2	Req. Year	115#   9     *	End Year	116#   9     *	Agency Source	117#	Freq.	118#     *	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184#         /         *	Remarks	185#                     *
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 015 / 1311 / 1191911 *	Type	703# A	Discharge	150#   1412   *	Sp. Capacity	272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91#   165191   *	Depth Bot.	92#   17801   *	Unit Id	93#   12HISIPRIT	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100#                     *	103#     *
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow Clay	0	45	Shale	780	874
Blue Clay	45	441	Sand & Shale Streaks	874	918
Hard Clay & Rock Strk	441	501	Hard Shale	918	938
Sandy Shale	501	546	Sandy Shale	938	1063
Rock	546	548	Hard Shale	1063	1210
Clay	548	555	Rock	1210	1214
Rock	555	556	Shale	1214	1240
Lay	556	565	Rock	1240	1241
Rock	565	567	Sandy Shale	1241	1294
Sandy Shale	567	659	Rock	1294	1295
Sand & Shale Streaks	659	780			

Hard Shale	1295	1334
Rock	1334	1345
Hard Shale	1345	1479
Sandy Shale	1479	1530
Hard Shale	1530	1560
Hard Shale, Sand & Lignite	1560	1600
Hard Shale & Sand Streaks	1600	1680
Shale, Sand & Lignite	1680	1712
Hard Shale	1712	1835
Sandy Shale	1835	1865
Rock	1865	1867
Hard Shale	1867	1870
Sand Shale & Lignite	1870	1935
Rock	1935	1938
Clay & Shale	1938	1972
Sandy Shale	1972	2000

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <b>Rankin</b>		PERMIT NUMBER <b># GW 13175</b>
WELL NUMBER <b>E 35</b>	CODED	NAME OF DRILLING FIRM <b>Loyne-Central Co.</b>
E Log # <b>660</b>		
DATE WELL COMPLETED <b>May 31, 1991</b>		

NAME & MAILING ADDRESS OF LANDOWNER <b>Leesburg Water Assoc. Route 1, Box 76-B Pelahatchie MS 39245</b>		
WELL LOCATION: . SEC	TOWNSHIP	RANGE
<b>14</b>	<b>7 N</b>	<b>5 E</b>
DISTANCE	DIRECTION	NEAREST TOWN
Miles	of	
OTHER LANDMARK <b>Wilson Bates Road</b>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P <b>50</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>400</b>	<b>9</b>	<b>290</b> FT.
PUMP TEST		
Well yielded <b>412</b> GPM with a drawdown of <b>54.8'</b> ft. after <b>24</b> hours of pumping		

WELL DATA		
Well Depth <b>784'</b>	Casing Diameter (In.) <b>18"</b>	Casing Length (Ft.) <b>62'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>2000'</b>	Depth to Static Water Level <b>171'</b>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing <b>62' FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>Loyne-Central Co.</b>	

SCREEN DATA		
Diameter - Inches <b>8"</b>	Length - Feet <b>50.7'</b>	Slot Size - Inches <b>20</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>780'</b>	

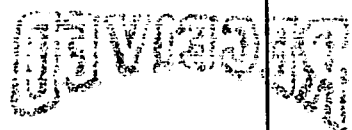
GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL			Other Test
<b>RECEIVED</b>			
<b>JAN 07 1992</b>			
Dept. of Environmental Quality Bureau of Land & Water Resources			

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Clay	556	565	Rock	1240	1241
Rock	565	567	Sandy Shale	1241	1294
Sandy Shale	567	659	Rock	1294	1295
Sand & Shale Streaks	659	780			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



Handwritten notes or a small sketch located below the circular stamp.

If more than one screen, show location of each on sketch.


SECTION \_\_\_\_\_

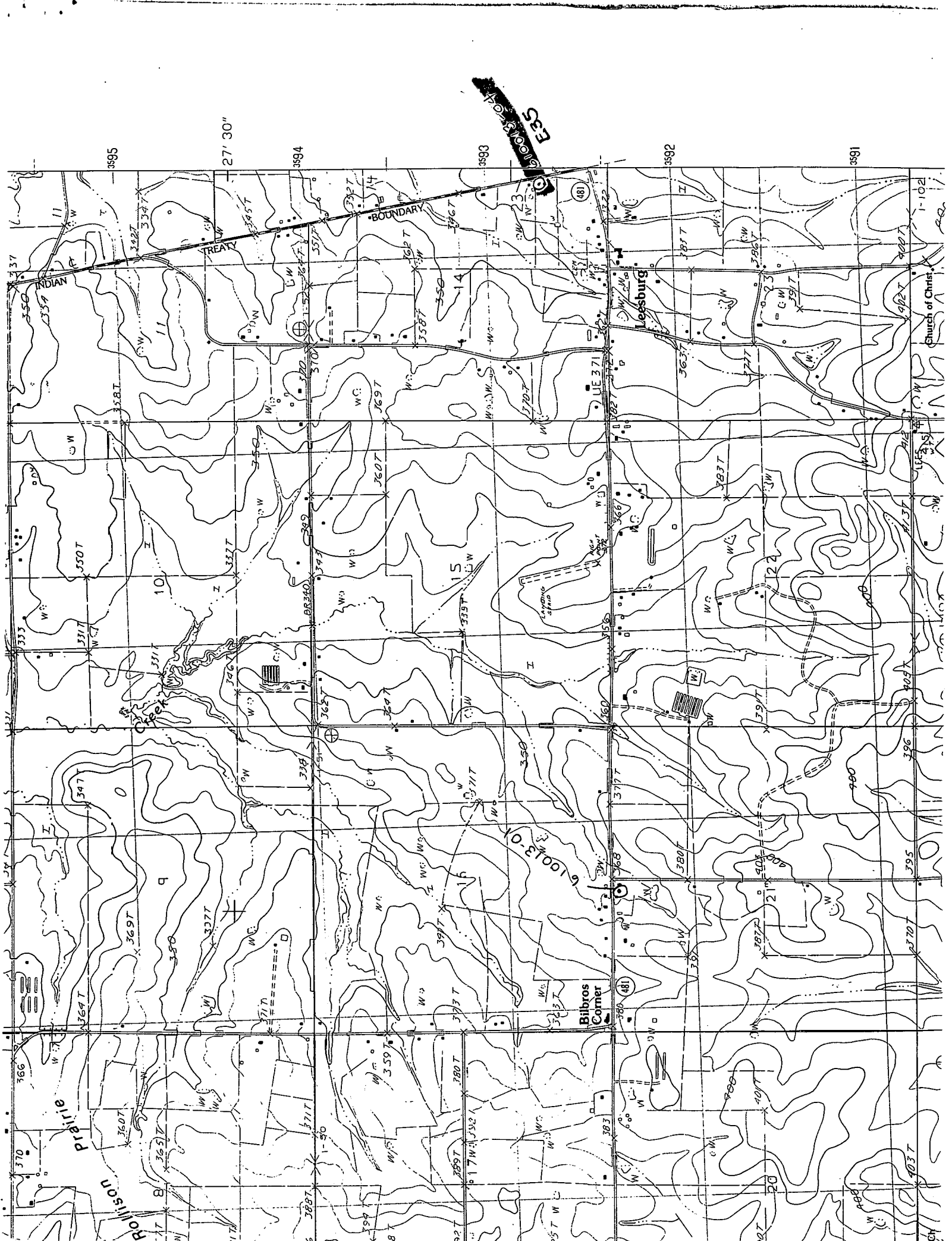
Please indicate well location X.

ADDITIONAL INFORMATION		
Hard Shale	1295	1334
Rock	1334	1345
Hard Shale	1345	1479
Sandy Shale	1479	1530
Hard Shale	1530	1560
Hard Shale, Sand & lignite	1560	1600
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DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Jennings DATE: 2/25/98  
UNIT DEQ #: \_\_\_\_\_ FILE #: B022517A  
HEALTH DEPT. #: 610013-04 ELEV. 361  
USGS #: E35 OLWR #: GW13175  
OWNER: Leesburg W.A. QUAD: Leesburg  
LOCATION: NW/NW/SE/SE S 14 T 7N R 5E COUNTY: Rankin  
LOCATION DESCRIPTION: North of Hwy 481 on Wilson  
Bates Rd at water plant  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine  
GPS FIELD LOCATION: LAT. 32° 26' 33.0" N LONG. 89° 45' 4.6" W  
GPS CORRECTED LOCATION: LAT. 32.443266 LONG. 89.750632  
REMARKS: Measured 75' NW of well  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



SEE  
SECTION 27

27' 30"

Leesburg

Bibros  
Corner

Rollison  
Prairie

Creek

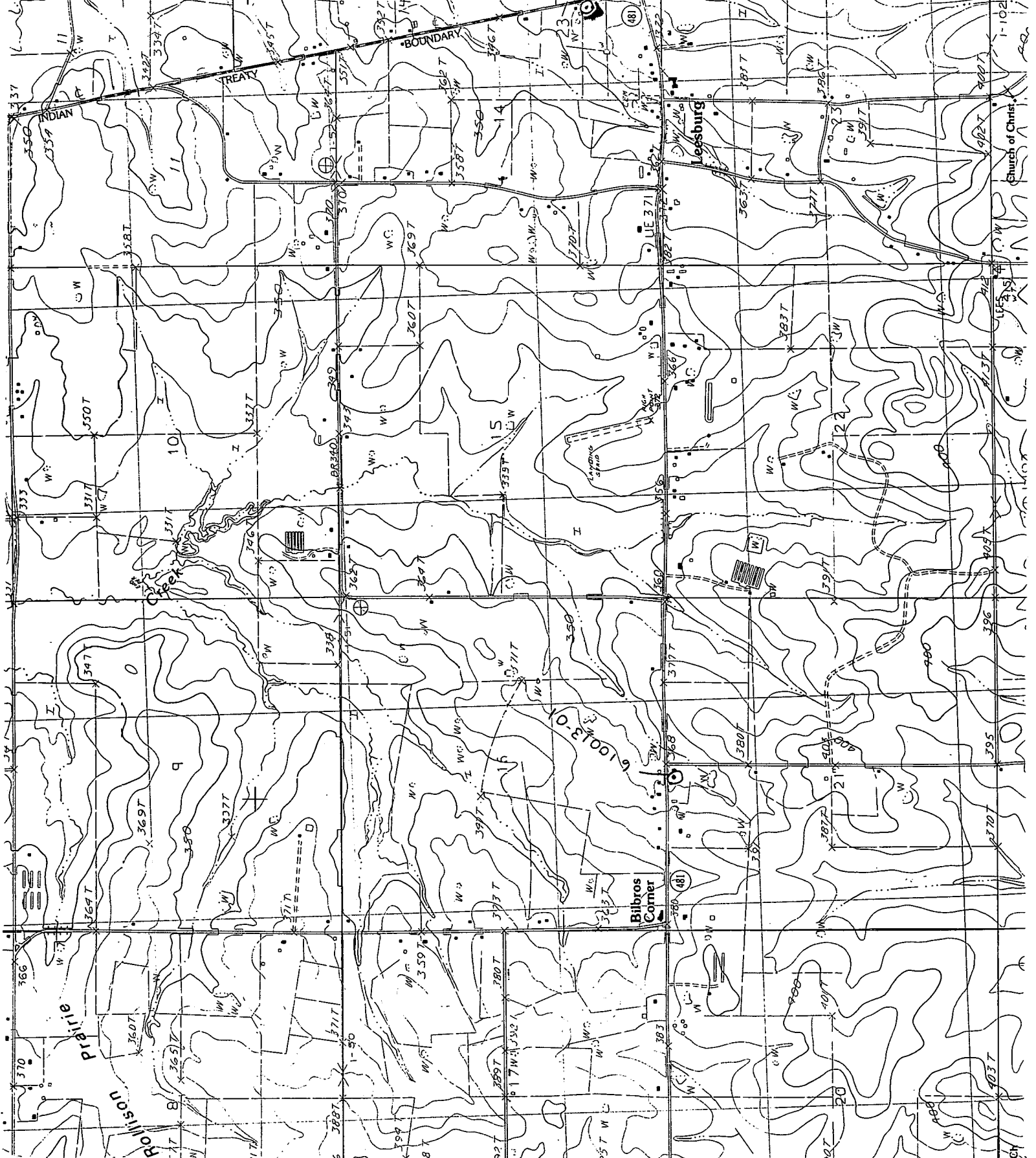
3595

3594

3593

3592

3591



SEE  
SECTION 30

27' 30"

Leesburg

Bibros  
Corner

Rollison  
Prairie

Creek

3595

3594

3593

3592

3591