

104A

SOIL AND WATER CONSERVATION PLAN

Cooperator

FOR THE FARM OF

George H. Ohlen Owner, Marengo, _____

Operator, _____, _____

Cooperator No. 1032 _____ Acres 300

Location: Twp. Leroy ^{Iowa County} Section _____ Photo Code _____

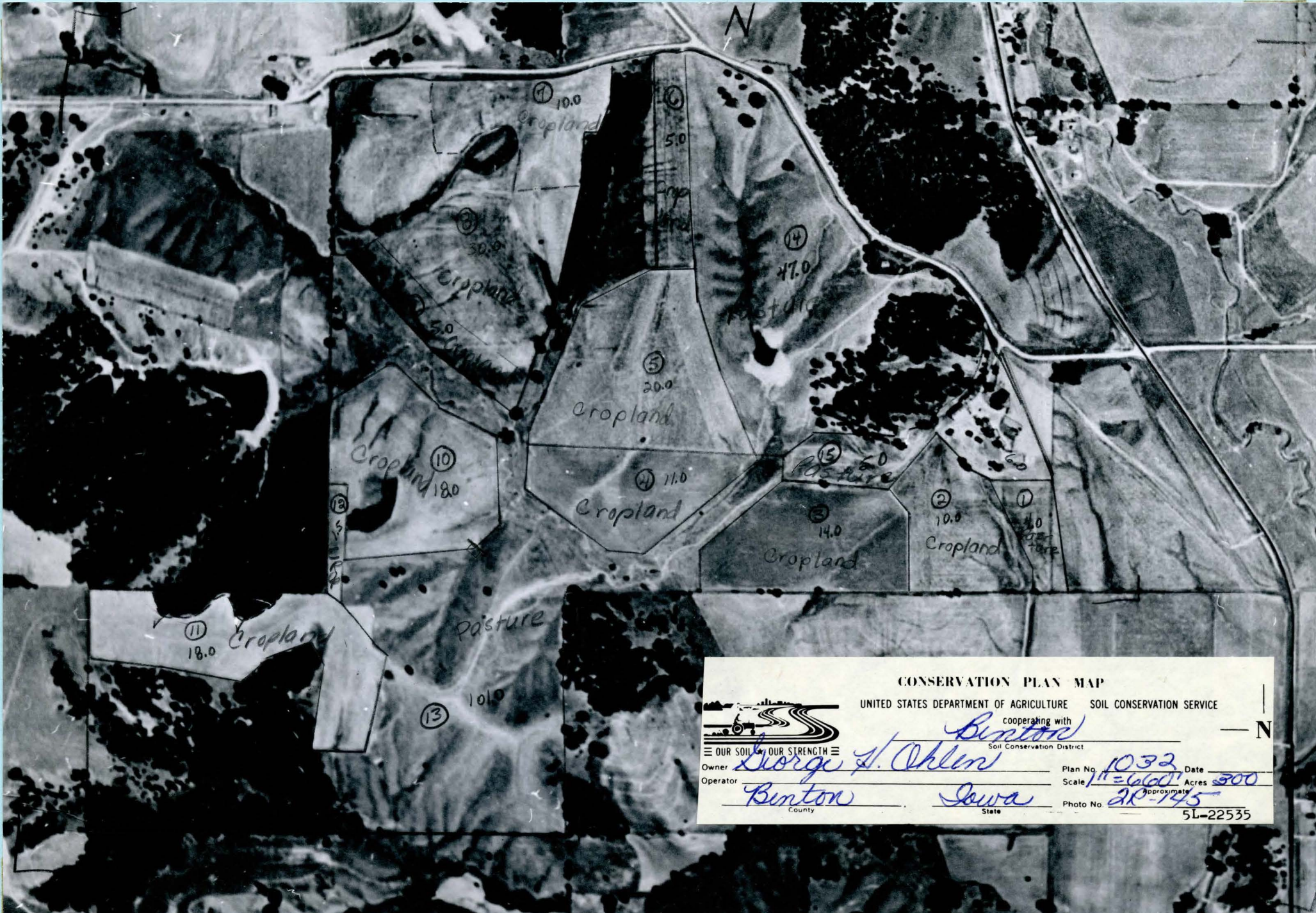
Soil Conservation District Benton _____, Iowa

SOIL CONSERVATION DISTRICT

Assisted by

UNITED STATES DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE



CONSERVATION PLAN MAP

UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

cooperating with
Benton
Soil Conservation District

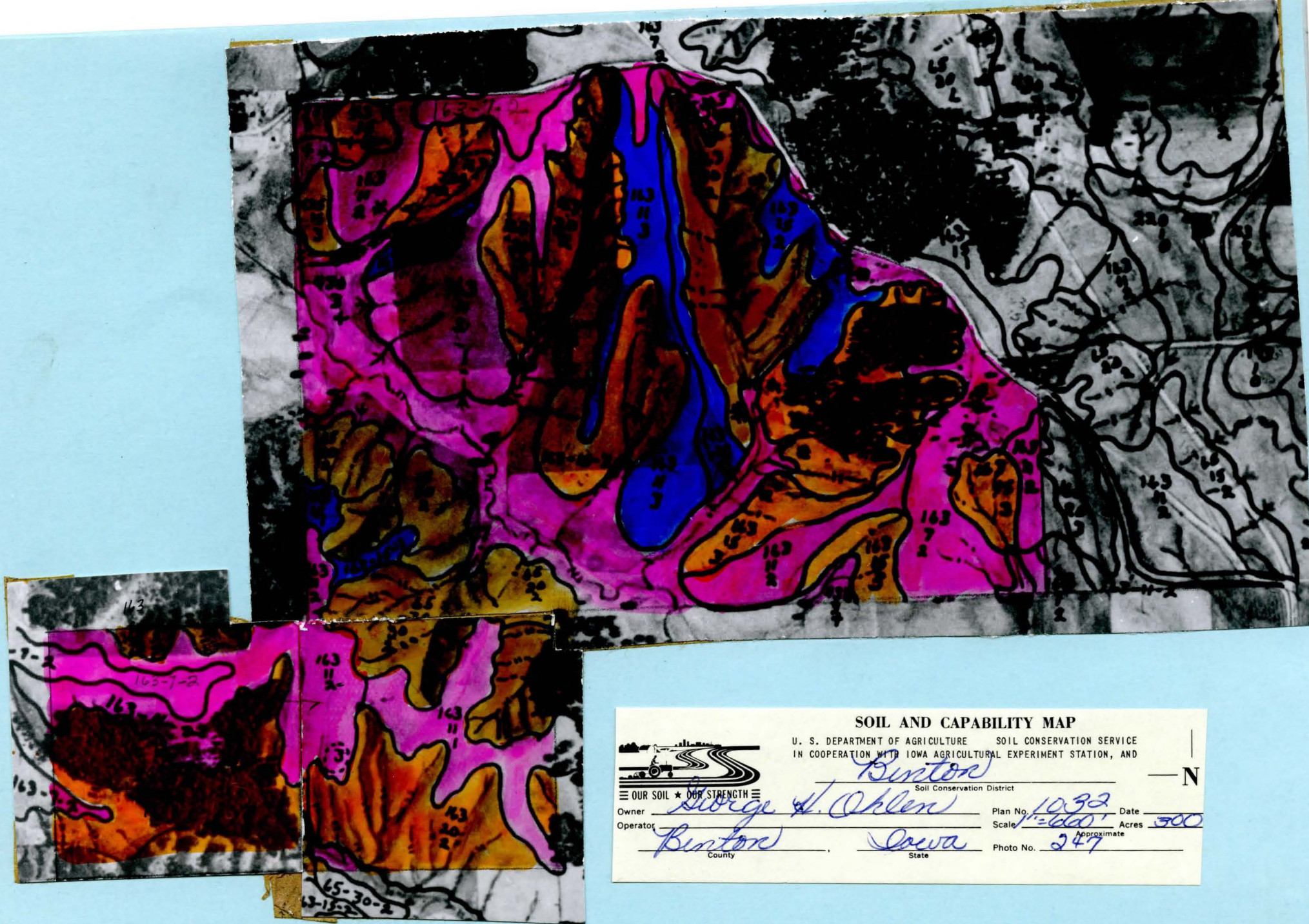
OUR SOILS OUR STRENGTH

Owner *George A. Ohlen* Plan No. *1032* Date _____

Operator *Benton* Scale *1" = 660'* Acres *300*

County _____ State *Iowa* Photo No. *20-145*

5L-22535



SOIL AND CAPABILITY MAP

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE
IN COOPERATION WITH IOWA AGRICULTURAL EXPERIMENT STATION, AND



OUR SOIL ★ OUR STRENGTH

Owner George A. Ahlen

Operator Benton

County Benton

Soil Conservation District

Plan No. 1032

Scale 1"=660'

Photo No. 247

Date 300

Acres 300

Approximate

N

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

PLANNED CROP ROTATIONS AND OTHER PRACTICES

OWNER George Ohlen

OPERATOR Same Robert Ohlen

DATE 3/20/62

= MEADOW
= PASTURE
= SMALL GRAIN
= ROW CROP

FIELD					PLANNED CROP ROTATION					
UNIT	NO.	ACRES	1961		62	63	64	65		
	1	4.0	Pasture	George wil contour all the row crops.	P	P	P	P		
	2	10.0	Meadow	Fields 2,3,4,6,7 & 9 will be farmed to a COMM rotation. There will be about 20 acres of corn on this farm each year.	M	C	O	M		
	3	14.0	Corn	The other fields will be in corn only when they need to be worked to establish new seeding.	O	M	M	C		
	4	11.0	Meadow		C	O	M	M		
	5	20.0	Meadow	Charles Shirley suggests renovating the bluegrass and seeding to birdsfoot trefoil at 6-8 ⁴⁻⁵ acre or to Alfalfa ^{5#/ac.} and orchardgrass. ^{3#/ac.}	M	M	M	M		
	6	5.0	Corn	George is interested in getting a pond built and in fixing a spillway on the pond he now has.	C	O	M	M		
	7	10.0	Corn	Tile will be put in field 4 this year.						
	8	30.0	Meadow	The timbered area in the south west corner of the farm needs to be looked at by the forester. It probably can be removed and seeded down to pasture.	M	M	M	M		
	9	5.0	Corn	Soil samples should be taken and fertilizer applied by the test recommendations.	O	M	M	C		
	10	18.0	Meadow		M	M	M	M		
	11	18.0	Meadow	Most of the bluegrass should be renovated as soon as possible to increase production.	M	C	O	M		
	12	1.5	Meadow		M	M	M	M		
	13	101.0	Pasture		P	P	P	P		
	14	47.0	Pasture		P	P	P	P		
	15	5.0	Pasture		P	P	P	P		
		10.5	Bldgs. & Roads		P	P	P	P		
		310.0	Acres							

LEGEND FOR
SOIL SURVEY & LAND USE MAPS
Iowa
LAND CAPABILITY CLASSES

Land Suitable for Cropland

- Class I  Very good land; level, well drained. No special problems.
 Class II  Good land; cultivated safely with simple precautions.
 Class III  Moderately good land; cultivated safely with special precautions.
 Class IV  Fairly good land; use occasionally for plowed crops if handled with extreme care.

Land Not Suited for Cultivation

- Class V  Land suited for pasture.
 Class VI  Land suited for permanent vegetation, requires moderate precautions.
 Class VII  Land suited for permanent vegetation; requires extreme precautions.

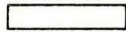
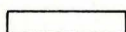
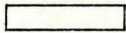
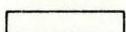
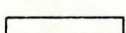
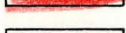
CAPABILITY SUBCLASS SYMBOLS

e-Erosion; w-Wetness; s-Droughtiness, Stoniness, etc.

EROSION SYMBOLS

- 0 - No apparent erosion
 1 - Over six inches topsoil remaining
 2 - Two to six inches topsoil remaining
 3 - Less than two inches topsoil remaining
 4 - Frequent gullies
 5 - Destroyed for cultivation by gullies
 6 - Catsteps or slips
 A - Detrimental deposition

CLASSIFICATION & Identification of Mapping Units

Capability Subclass	Soil - Slope - Erosion			Soil Unit
	65	20	2	Lindley loam-Light colored, developed under forest vegetation from Kansan till, moderately well drained, subject to severe water erosion.
	65	30	2	
	162	20	2	Downs silt loam-Moderately dark colored, medium textured, well drained, moderately permeable soils developed from loess under a mixed cover of forest and prairie.
				
				Fayette silt loam-Light colored, medium textured moderately permeable well drained soils developed from loess under forest vegetation.
	163	30	1&2	
	163	20	1&2	
	163	15	2&3	
	163	11	1,2,3	
	163	7	2	
	163	11	3	Light colored, moderately fine textured, moderately fine textured, moderately slowly permeable, moderately well drained soils developed under predominantly forest vegetation from Kansan till. Reddish brown subsoil erosion control and fertility maintenance important hazards.
	163	15	3	
				Unnamed-Dark colored, medium textured, moderately permeable, imperfectly drained soils developed under prairie vegetation from material eroded from the soils on the side slopes. Found at the foot of the hill along the waterways.
				
				
				
	428	3	1	
				
				

(OVER)

Classification & identification of Mapping Units

[illegible]

CONSERVATION SYMBOLS

	Proposed	Built		Proposed	Built
Fence			Open Ditch (4' deep or more)		
Shrub Fence			Private road		
Windbreak			Spring		
Pond			Farm boundary, No fence		
Perm. Structure			Existing open ditch (4' deep or more)		
Levee			Field boundary, no fence		
Terrace			North Arrow		
Diversion			Existing tile		
Grassed waterway,			Existing open ditch (less than 4' deep)		
Terrace Outlet					
Tile					
Open Ditch (less than 4')					

MISCELLANEOUS SYMBOLS



 ___ Sandy or gravelly area

 ___ Wet spots

 ___ Small gravel pit
 Ca ___ High lime area

Drain crossable by farm implements

Moderately deep gully. Not crossable
by farm implements. _____

Deep gully.

Intermittent stream

Permanent stream

LAND USE SYMBOLS

P - Permanent pasture

H - Farmstead

F - Woodland

L - Cropland

-X - idle land

Fix pond, maybe, ~~new~~ pond
 & neighbor creek, t.c., Dean Spring
 Enroute part of pasture, maybe all.
 contour; no terrace, change fence
 boundaries

CONSERVATION AGREEMENT NO. 1052

FROM: George H. Uhlen (Name) _____ (Address) _____

Acres in Farm: 300 Section: 2, 10 Township: Marengo, Iowa County: County

I am interested in conserving the soil and water on my farm. Therefore, to the best of my ability, I desire to begin using my land within its capability and according to its needs for protection and improvement. I am asking for assistance from the district in working out, putting into effect, and maintaining the conservation practices my land needs that are practical for me to install.

I will cooperate with the soil conservation district commissioners in working toward the development of a basic farm conservation plan for my entire farm. I will use any materials or equipment made available by the district in the way and for the purpose for which they are furnished.

At this time I am requesting that you furnish assistance during

_____, 195____, to plan and apply the following:
(Season - Month)

(Date) _____ (Owner - Operator) _____

(Date) _____ (Owner - Operator) _____

We, the commissioners of the Soil Conservation District, will furnish assistance in establishing needed conservation and will help you develop a basic conservation plan for all your land, in accordance with our resources and operating policies at the time the work is to be done.

This memorandum will serve as a cooperative agreement and will remain in effect until terminated by mutual agreement or by either party giving thirty (30) days written notice.

APPROVED:

1/25/62
(Date)

COUNTY SOIL CONSERVATION DISTRICT

COUNTY SOIL CONSERVATION DISTRICT

Harry J. Horak

(District Commissioner)

