Soil, Water & Forage Analytical Laboratory
Oklahoma State University
048 Agricultural Hall, Stillwater, OK 74078
Email: Soils_lab@mail.pss.okstate.edu

SOIL TEST REPORT

DELAWARE CTY EXT OFC	Name:	Lab ID No.:	377611
	AL SAUNDERS	Customer Code:	21
PO BOX 1020	Location:	Sample No.:	4950
JAY OK 74346	FIELD 1	Received:	5/3/2005
(918) 253-4332		Report Date:	5/11/2005

Reaction		NO_3-N (lbs/acre)		Test Index(mehlich3)	
pH:	5.6	Surface:	10	P:	14
Buffer Index:	6.9	Subsoil:		K:	78

Secondary Nutrients	Micronutrients	Additional
Surface SO4-S (lbs/A):	Fe (ppm):	OM (%):
Subsoil SO4-S (lbs/A):	Zn (ppm):	
Ca (lbs/A):	B (ppm):	
Mg (lbs/A):		

Interpretation and Requirements for *Bermudagrass* (YIELD GOAL = *2 tons/acre*)

Test	Interpretation	Requirement	Recommendation and Comments
pH	Lime needed	1.0 tons ECCE/A	
Nitrogen	Deficient	90 lb /acre N	
Phosphorus	71 % Sufficient	52 lbs/acre P_2O_5 annually	
Potassium	66 % Sufficient	78 lb /acre K_2O annually	

Additional Comments:

DELAWARE COUNTY OSU EXTENSION CT
PO BOX 1020 - FAIR GROUNDS
JAY, OK 74346
(918) 253-4332

JASON HOLLENBACK
Extension Educator-Agriculture/4-H

Signature

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SOIL TEST REPORT

DELAWARE CTY EXT OFC	Name:	Lab ID No.:	377612
	AL SAUNDERS	Customer Code:	21
PO BOX 1020	Location:	Sample No.:	4951
JAY OK 74346	FIELD 2	Received:	5/3/2005
(918) 253-4332		Report Date:	5/11/2005

Reaction		NO3-N (lbs/acre)		Test Index(mehlich3)	
pH:	4.5	Surface:	14	P:	7
Buffer Index:	5.9	Subsoil:		K:	147

Secondary Nutrients	Micronutrients	Additional
Surface SO4-S (lbs/A):	Fe (ppm):	OM (%):
Subsoil SO4-S (lbs/A):	Zn (ppm):	
Ca (lbs/A):	B (ppm):	
Mg (lbs/A):		

Interpretation and Requirements for *Bermudagrass* (YIELD GOAL = *2 tons/acre*)

Test	Interpretation	Requirement	Recommendation and Comments
pH	Lime needed	4.2 tons ECCE/A	
Nitrogen	Deficient	88 lb /acre N	
Phosphorus	60 % Sufficient	85 lbs/acre P_2O_5 annually	
Potassium	84 % Sufficient	44 lb /acre K_2O annually	

Additional Comments:

DELAWARE COUNTY OSU EXTENSION C
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SOIL TEST REPORT

DELAWARE CTY EXT OFC	Name:	Lab ID No.:	377613
	AL SAUNDERS	Customer Code:	21
PO BOX 1020	Location:	Sample No.:	4952
JAY OK 74346	FIELD 3	Received:	5/3/2005
(918) 253-4332		Report Date:	5/11/2005

Reaction		NO_3-N (lbs/acre)		Test Index(mehlich3)	
pH:	4.6	Surface:	5	P:	65
Buffer Index:	6.2	Subsoil:		K:	184

Secondary Nutrients	Micronutrients	Additional
Surface SO4-S (lbs/A):	Fe (ppm):	OM (%):
Subsoil SO4-S (lbs/A):	Zn (ppm):	
Ca (lbs/A):	B (ppm):	
Mg (lbs/A):		

Interpretation and Requirements for *Bermudograss* (YIKLD GOAL= *2 tons/acre*)

Test	Interpretation	Requirement	Recommendation and Comments
pH	Lime needed	4.2 tons ECCE/A	
Nitrogen	Deficient	95 lb /acre N	
Phosphorus	Adequate	None	
Potassium	92 % Sufficient	34 lb /acre K_2O annually	

Additional Comments:

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SOIL TEST REPORT

DELAWARE CTY EXT OFC	Name:	Lab ID No.:	377614
	AL SAUNDERS	Customer Code:	21
PO BOX 1020	Location:	Sample No.:	4953
JAY OK 74346	FIELD 4	Received:	5/3/2005
(918) 253-4332		Report Date:	5/11/2005

Reaction		NO3-N (lbs/acre)		Test Index(mehlich3)	
pH:	5.1	Surface:	6	P:	22
Buffer Index:	6.6	Subsoil:		K:	90

Secondary Nutrients	Micronutrients	Additional
Surface SO4-S (lbs/A):	Fe (ppm):	OM (%):
Subsoil SO4-S (lbs/A):	Zn (ppm):	
Ca (lbs/A):	B (ppm):	
Mg (lbs/A):		

Interpretation and Requirements for *Bermudagrass* (YIELD GOAL = *2 tons/acre*)

Test	Interpretation	Requirement	Recommendation and Comments
pH	Lime needed	1.9 tons ECCE/A	
Nitrogen	Deficient	94 lb /acre N	
Phosphorus	82 % Sufficient	38 lbs/acre P_2O_5 annually	
Potassium	70 % Sufficient	71 lb /acre K_2O annually	

Additional Comments:

DELAWARE COUNTY OSU EXTENSION CT
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SOIL TEST REPORT

DELAWARE CTY EXT OFC	Name:	Lab ID No.:	377615
	AL SAUNDERS	Customer Code:	21
PO BOX 1020	Location:	Sample No.:	4854
JAY OK 74346	FIELD 7	Received:	5/3/2005
(918) 253-4332		Report Date:	5/11/2005

Reaction		NO_3-N (lbs/acre)		Test Index(mehlich3)	
pH:	5.1	Surface:	6	P:	10
Buffer Index:	6.7	Subsoil:		K:	80

Secondary Nutrients	Micronutrients	Additional
Surface SO_4-S (lbs/A):	Fe (ppm):	OM (%):
Subsoil SO_4-S (lbs/A):	Zn (ppm):	
Ca (lbs/A):	B (ppm):	
Mg (lbs/A):		

Interpretation and Requirements for *Bermudagrass* (YIELD GOAL= *2 tons/acre*)

Test	Interpretation	Requirement	Recommendation and Comments
pH	Lime needed	1.4 tons ECCE/A	
Nitrogen	Deficient	94 lb /acre N	
Phosphorus	65 % Sufficient	60 lbs/acre P_2O_5 annually	
Potassium	67 % Sufficient	77 lb /acre K_2O annually	

Additional Comments:

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Extension Educator-Agriculture/4-H

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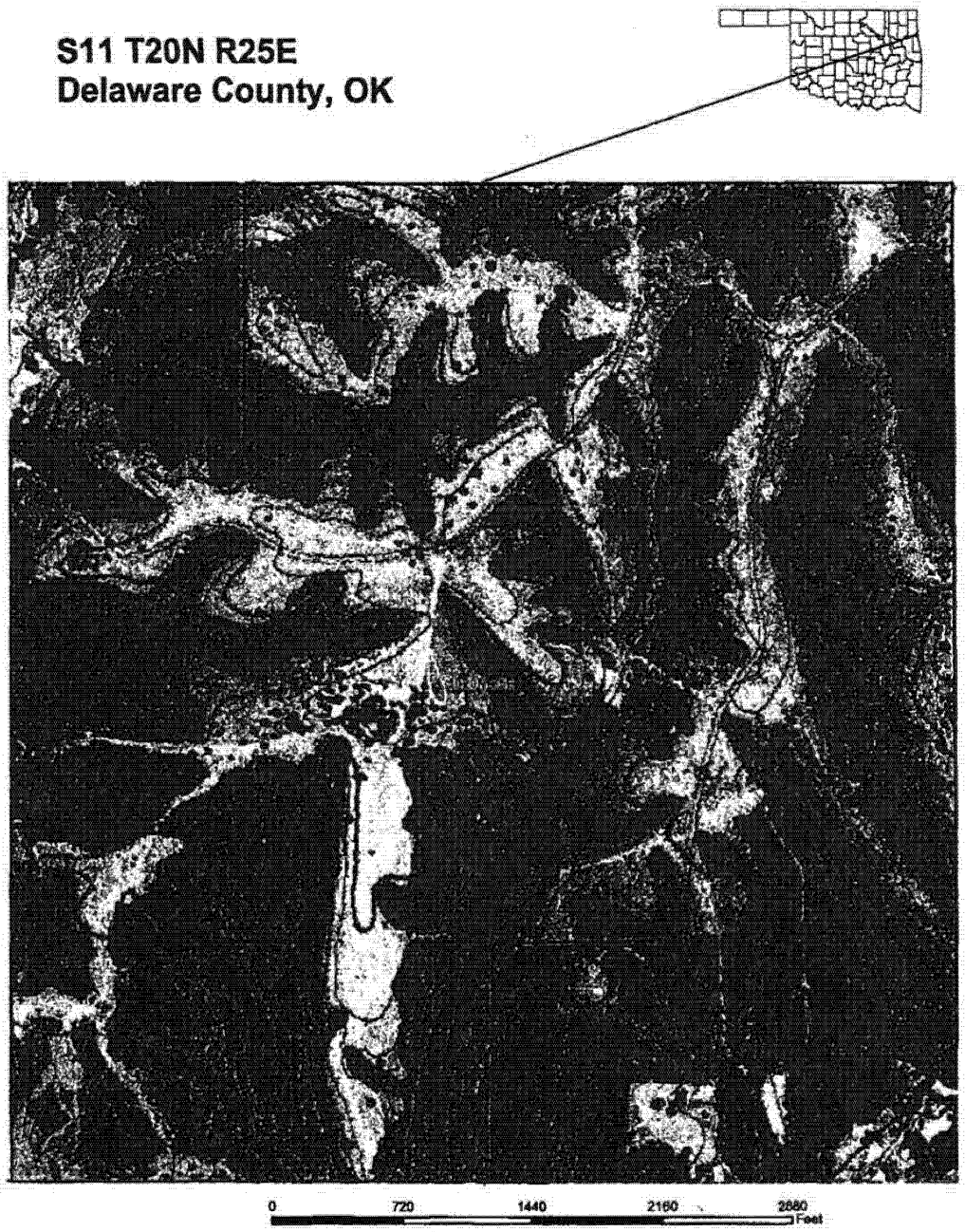
S15 T20N R25E
Delaware County, OK

Produced by the Oklahoma Department of Agriculture Geographic Information System.

S11 T20N R25E
Delaware County, OK



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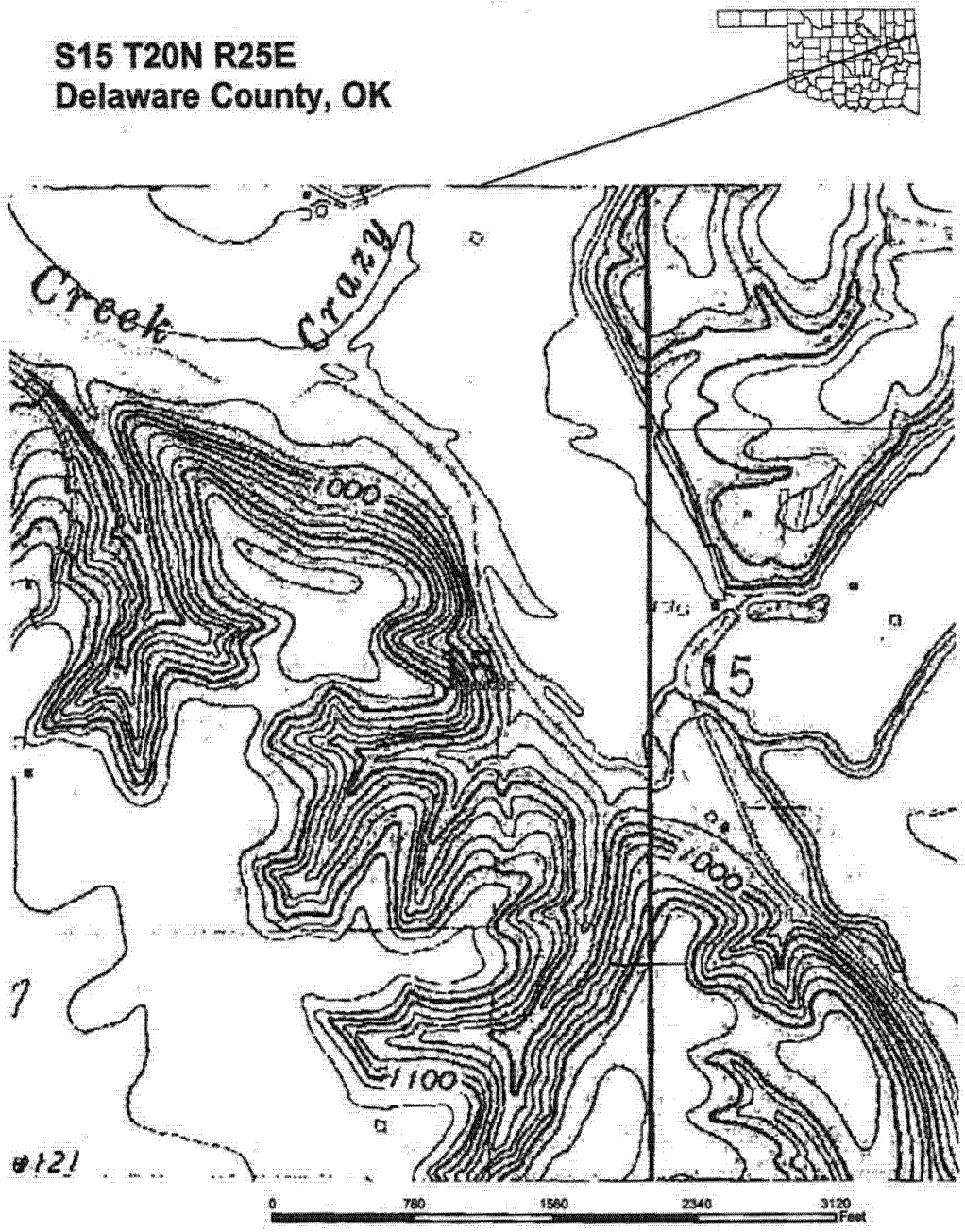
S15 T20N R25E
Delaware County, OK



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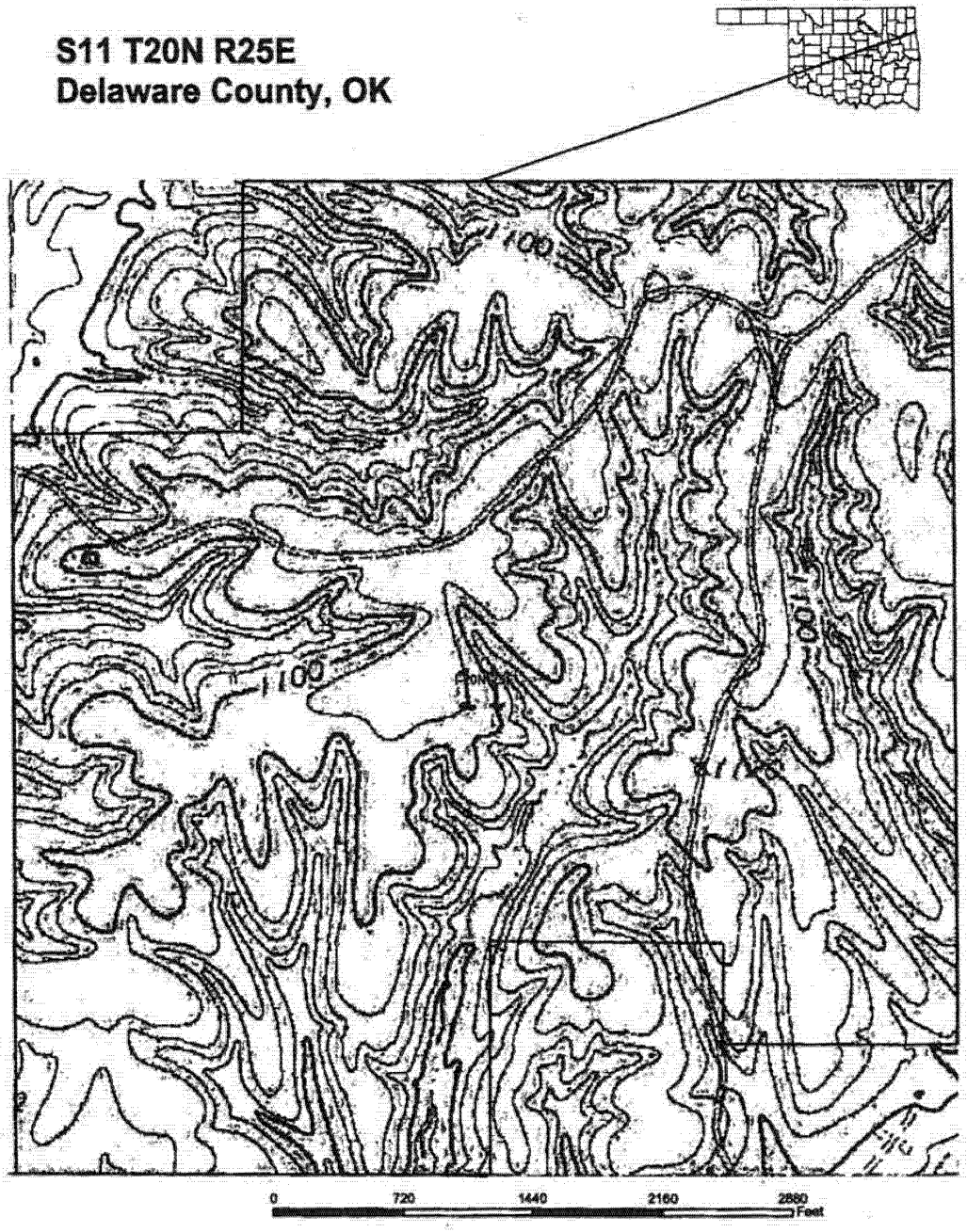
S11 T20N R25E
Delaware County, OK



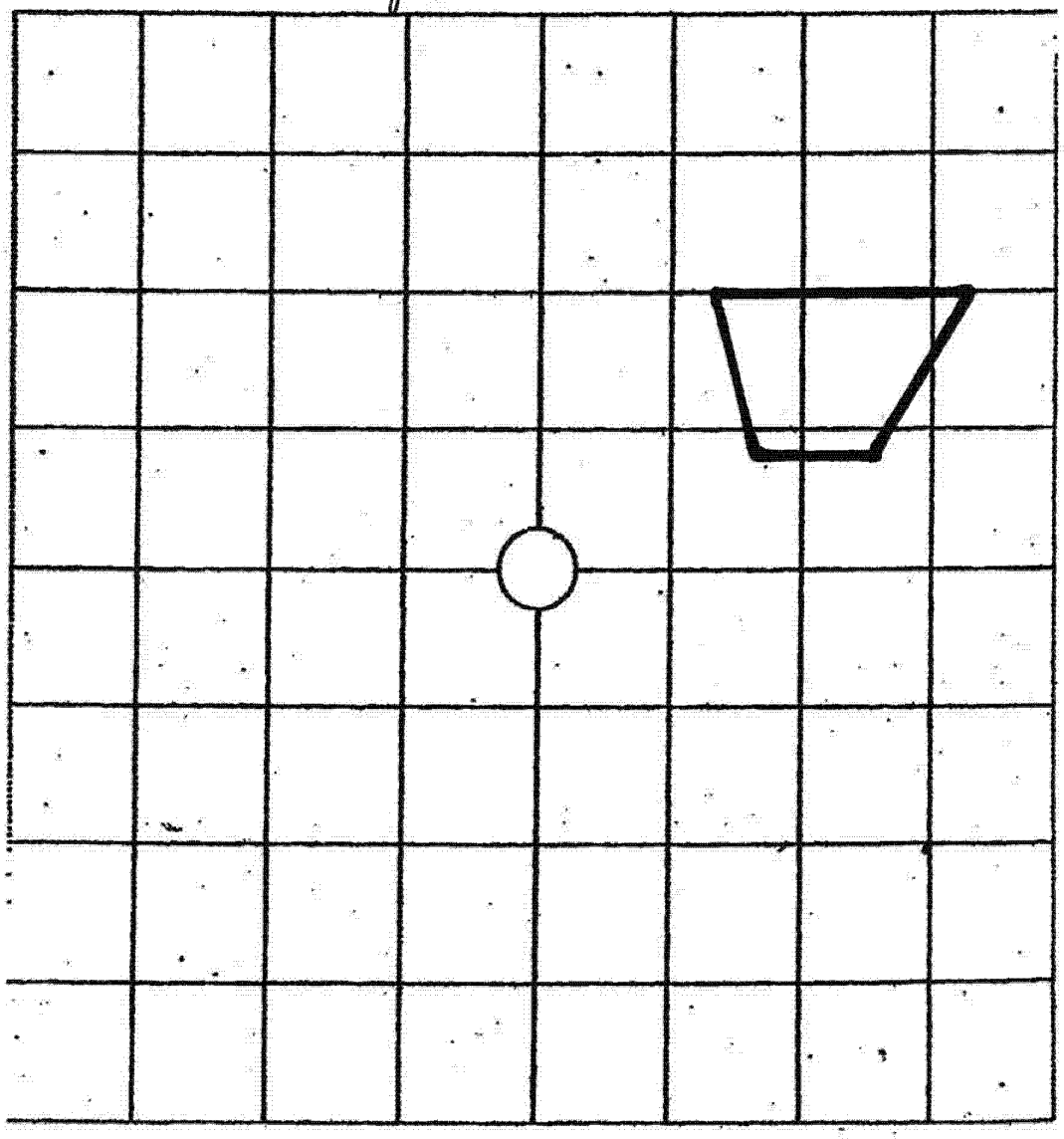
Produced by the Oklahoma Department of Agriculture Geographic Information System.

OKLAHOMA DEPARTMENT OF AGRICULTURE
WATER QUALITY SERVICES DIVISION
Legal Location Plat

NORTH

Size: 10 acre
Scale: 1" = 660'

Facility Name W. A. Saunders
Legal Desc. ___, ___, ___ Sec 15 T 20N R 25E Mer. ___
County Delaware County, Oklahoma



OKLAHOMA DEPARTMENT OF AGRICULTURE
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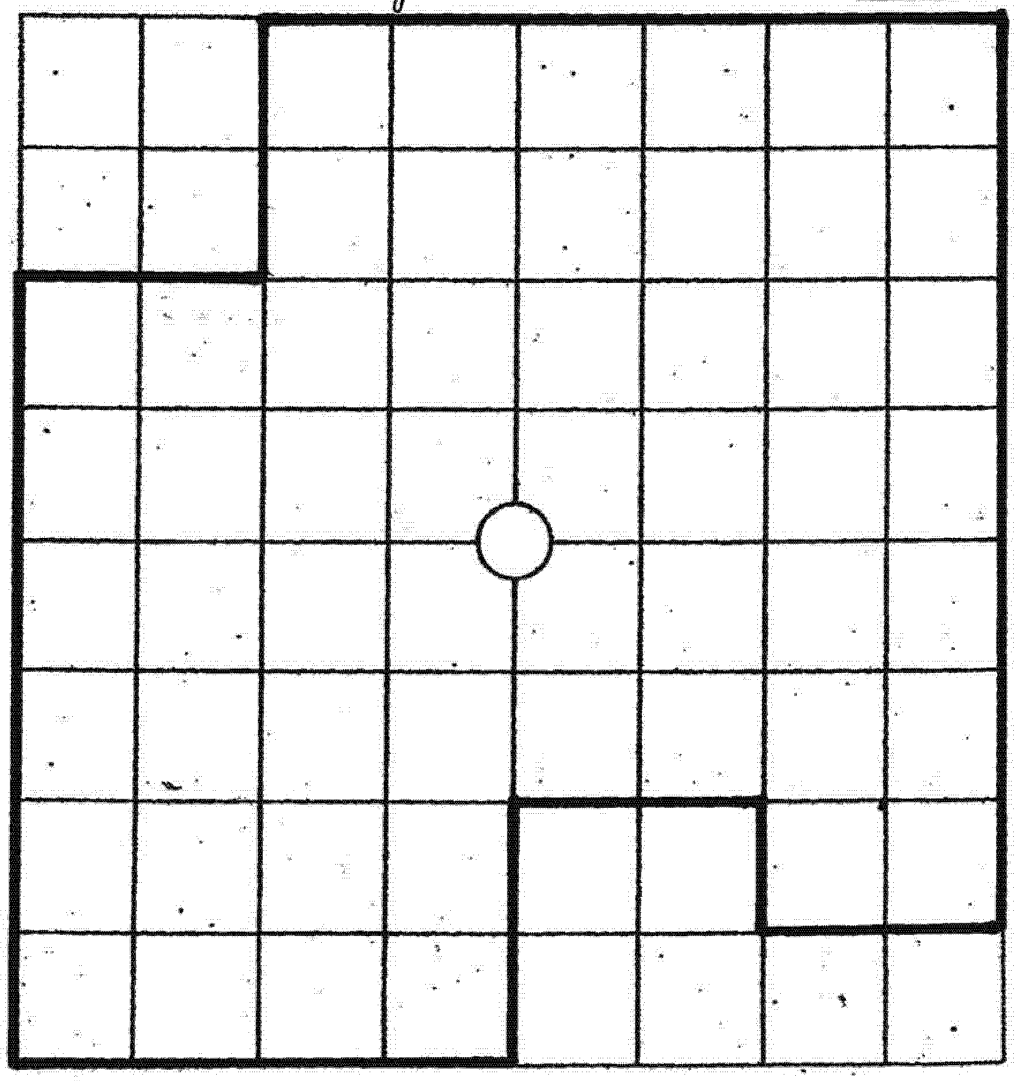
Facility Name W.A. Saunders
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County Delaware county, Oklahoma