

6/78 WFO

GW4980  
DOW # 140002-09

TRANSMITTED FOR ADP

Recorded by JKO  
Date 9/8/80

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

Well No. J-102  
E-Log No. \_\_\_\_\_  
County CDAHOMA

Site ID 341104 09033420 / 1 R=0\* T=A\* 2=W\*

Data reliab. 3=U Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=0.27\*

Lat. \_\_\_\_\_ Long. 9=341104\* 10=09033420\* Well No. 12=J102\*

Location 13=SE NW S 25 T 27 N R 04 W\* Alt. 16=1020\*

Hyd. Unit (OWDC) 20= Date 21=0311011980\*

Well use 23=20\* Water use 24=20\* Hole depth 27=171.24\* Well depth 28=171.24\*

WL 30=19\* Date 31=0311011980\* Source 33=2\*

Status 273= Project No. 5=

R=158\* T=A\* Date 159=0311011980\* Owner No. \_\_\_\_\_

Owner 161=CLARKSDALE\*

R=192\* T=A\* Date 193# \_\_\_\_\_ Temp. 196#00010\* 197= \_\_\_\_\_

R=192\* T=A\* Date 193# \_\_\_\_\_ Cond. 196#00095\* 197= \_\_\_\_\_

R=192\* T=A\* Date 193# \_\_\_\_\_ pH 196#00400\* 197= \_\_\_\_\_

R=58\* T=A\* 59# 1\* Date 60=0311011980\* Remarks \_\_\_\_\_

Drlg. 63=0.64\* Name LAYNE C. Method 65=H\* Finish 66=S\*

R=76\* T=A\* 59# 1\* Steel

Top csgn. 77# 0\* Bot. csgn. 78=10.46\* Diam. 79# 1.2\*

R=76\* T=A\* 59# 1\*

Top csgn. 77# Bot. csgn. 78= Diam. 79#

R=82\* T=A\* 59# 1\* Top 83# 10.46\* Bottom 84=11.17\*

Type 85=L\* Diam. 87=1.8\* Size 88=

R=82\* T=A\* 59# 1\* Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

R= 146\* T=A\* 147# 1\* Q 150= 7.50\* Q/S 272= \_\_\_\_\_

134 flows 146 pumped

Center St  
#14

LIFT

R=42\* T= A \* Lift type 43# T\* Intake 44= \* Power type 45= E\*

Date 38= 03/10/1980\* H.P. 46= 75.\*

LOGS

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 11.24.\*

R=198\* T= A \* Log 199# E\* Top 200= \* Bot 201= \*

R=189\* T= A \* E Log No. 190# \* 191= M I S S D I S T \*

ANAL.

R=114\* T= A \* Year 115# \* Type 120= \*

AQUIFERS

R=90\* T= A \* 1986# 11\* Top 91= 0.47\* Bot 92= 9.1\*

Unit ID 93= 24 M.U.W.X \* Name of Unit

R=90\* T= A \* 256# 1\* Top 91= \* Bot 92= \*

Unit ID 93= \* Name of Unit

HYDRAULICS

R=98\* T= A \* 99# 1 \* Unit tested 100= \* 103= \*

R=105\* T= A \* 99# 1 \* Test No. 106# \*

107= \* Transmissivity (gal/d)/ft

108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

110= \* Storage coeff. Boundaries

R=121\* T= \* Yr Begin 122# \* Network 258= \*

Water Level Data Collection (1)

(Well at South Power Plant location)

West of Hwy 49, South of Hwy 61  
@ Nineteenth St. + Center

J102

description of formations encountered	from	to
Clay	0	25
Clay Sand	25	65
Sand & P Gravel	65	96
C. Sand & Gr.	96	136
Clay	136	224
Sand	224	303
Clay	303	319
F. Sand with st of blue clay	319	369
Shale	369	387
F. Sand	387	414
Sandy Clay	414	520
Clay	520	590
Sand	590	736
Clay	736	1021
Sand	1021	1036
Clay	1036	1047
Sand	1047	1119
Clay	1119	1124

COAHOMA  
J-102  
CL-1414  
3/10/80  
3/10

GW-4980  
SE/NW, Sec. 25  
T27N, R4W

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201

CODED

Elev. 170

WATER WELL DRILLERS LOG

1980 date well completed Layne-Central Co. firm name Coahoma county well located

LANDOWNER:	description of formations encountered	from	to
City of Clarksdale	Clay	0	25
Clarksdale, MS	Clay Sand	25	65
(mailing address)	Sand & Gravel	65	96
WELL LOCATION:	C. Sand & Gr.	96	136
sec. 24 T. 27 N R. 4 E	Clay	136	224
25 S W	Sand	224	303
(distance) miles (direction) of (nearest town)	Clay	303	319
WELL PURPOSE: Municipal	F. Sand with st of		
(home, irrigation, municipal, industrial)	blue clay	319	369
WELL COMPLETION DATA:	Shale	369	387
(1) diameter (inches) 12"	F. Sand	387	414
(2) total depth (feet) 1122'	Sandy Clay	414	520
(3) static water level (feet) 19' 7" below top of ground.	Clay	520	590
(4) casing St 1046' (material) (depth)	Sand	590	736
12" (size) if telescope see back.	Clay	736	102
(5) screen 71' 2" 1046' - 10" (length) (depth to top)	Sand	1021	103
8" (size) St. Steel (material)	Clay	1036	104
(6) pump 75 750 (HP) (yield gpm)	Sand	1047	111
Elec. (type power)	Clay	1119	112
(7) electric log yes (yes or no)			
<del>USGS</del> Commercial (Charlene) (organization running log)			
(8) how well bottom plugged BPV			
DRILLERS REMARKS:			

1047  
71  
1118

DEPT. OF NATURAL RESOURCES  
BUREAU OF LAND & WATER RESOURCES

AUG 21 1980

RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Grantham DATE: 9-6-96  
UNIT DEQ #: \_\_\_\_\_ FILE #: A090614B  
HEALTH DEPT. #: 140002-09 # 14 ELEV. 170'  
USGS #: 8-102 OLWR #: MS-GW-04980  
OWNER: City of Clarksdale #14  
LOCATION: NW SE NW S 25 T 27N R 4W COUNTY: Cochoma  
LOCATION DESCRIPTION: Near Corner of 19th and Center St  
NW corner power plant site  
CASING DIA: 12" PUMP TYPE & SIZE: \_\_\_\_\_  
GPS FIELD LOCATION: LAT. 34.11.100 LONG. 90.33.938  
GPS CORRECTED LOCATION: LAT. 34.18534644 LONG. 90.56577534  
REMARKS: Clarksdale Quad  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**RECEIVED**

**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW  
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

JUN 29 1998

06-29-98AL9:30 RCVD

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

P.O. BOX 671, JACKSON, MS 39289-0631; (601) 961-5202

Office of Land & Water Resources

9-8-98 AGN.

FORM OLWR-AP-2 (REV. 9/94)

This box is for office use only.

Issued: 8-9-88	Expires: 9-8-2008	Fee Paid: X	Permit No.
Lat. 34-11-07	Long. 90-33-55	Elev. 170	USGS No.
Quad. Clarksdale	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: MWX	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT  RENEWAL PERMIT NO. GW-04980

THIS APPLICATION IS FOR (Circle one)  GROUNDWATER COMPLETE A,B,E  
SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply -  Municipal, Rural Water, or Private Water 2) Irrigation  
3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: \_\_\_\_\_

**SECTION A** (to be completed by ALL APPLICANTS)

LANDOWNER: City of Clarksdale, Mississippi 64-6000245  
(Name) (SSN or Tax ID No.)  
P.O. Box 940  
(Address)  
Clarksdale, MS 38614 (601) 621-8100  
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

Clarksdale Public Utilities 64-6011271  
(Name) (SSN or Tax ID No.)  
P.O. Box 70  
(Address)  
Clarksdale, MS 38614 (601) 627-8403  
(City) (State & Zip) (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

SE 1/4 of the NW 1/4 of Section 25, Township 27N, Range 4W, County Coahoma

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES  NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. \_\_\_\_\_

**SECTION B** (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: 1118 foot aquifer MISSISSIPPI DEPARTMENT OF HEALTH NO.: 0140002-09

2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.  
If well has already been drilled, when was well completed (date)? 03-10, 19 80. Under whose name was well originally drilled (if known)? City of Clarksdale

3. Description of proposed or completed well:

- (a) DEPTH OF WELL: 1122 feet. DRILLER: Layne Central
- (b) SURFACE CASING: Length 1046 feet; Diameter 12 inches; Type steel, grouted in place
- (c) SCREEN: Length 71'2" feet; Diameter 8 inches; Type bar, stainless steel
- (d) PUMP: Type RKBL; Size: 12; Capacity 750 gallons per minute; Setting depth 165 feet
- (e) POWER UNIT: Type U.S. (electric); Size 75 horsepower

4. PERMITTED VOLUME:

- (a) 36 acre feet per year at a maximum rate of \_\_\_\_\_ gallons per minute
- (b) 0.38 million gallons per day at a maximum rate of 750 gallons per minute

(CONTINUED ON BACK)

AG Change from SPR

750

MAP sent

36

SECTION C (to be completed for SURFACE WATER SOURCE)

- 1. Source of water is from ... which drains into ...
2. Description of pump/diversion works: Pump (size & type): ... Power Unit (size & type): ...
3. ... acre-feet per year at a maximum rate of ... gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS (DAMS) on continuously flowing streams)

- 1. Name of storage reservoir: ... Dam Height: ... feet
2. Surface area at normal pool: ... Storage capacity at normal pool: ... acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

- 1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice, Cotton, Oats, Corn, Soybeans, Pasture, Truck, Wheat, Grain Sorgum, Other (specify) Acres
A. Method of Irrigation (circle one) - Center Pivot Flood Furrow
B. Land Condition (circle one) - Precision Land Formed Smoothed
C. ASCS Farm No. Tract No.
2. FISH CULTURE: Explain how water will be used: ...
3. MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM
Chose "a" or "b". (a) The number of people served is ... or (b) The number of connections is 7353
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?
4. INDUSTRIAL: If the water is to be released into a watercourse, indicate the amount released each year ...
5. RECREATION: Explain how water will be used: ...
6. OTHER USE: Explain in detail (if needed, attach another page): ...
7. REMARKS: ...

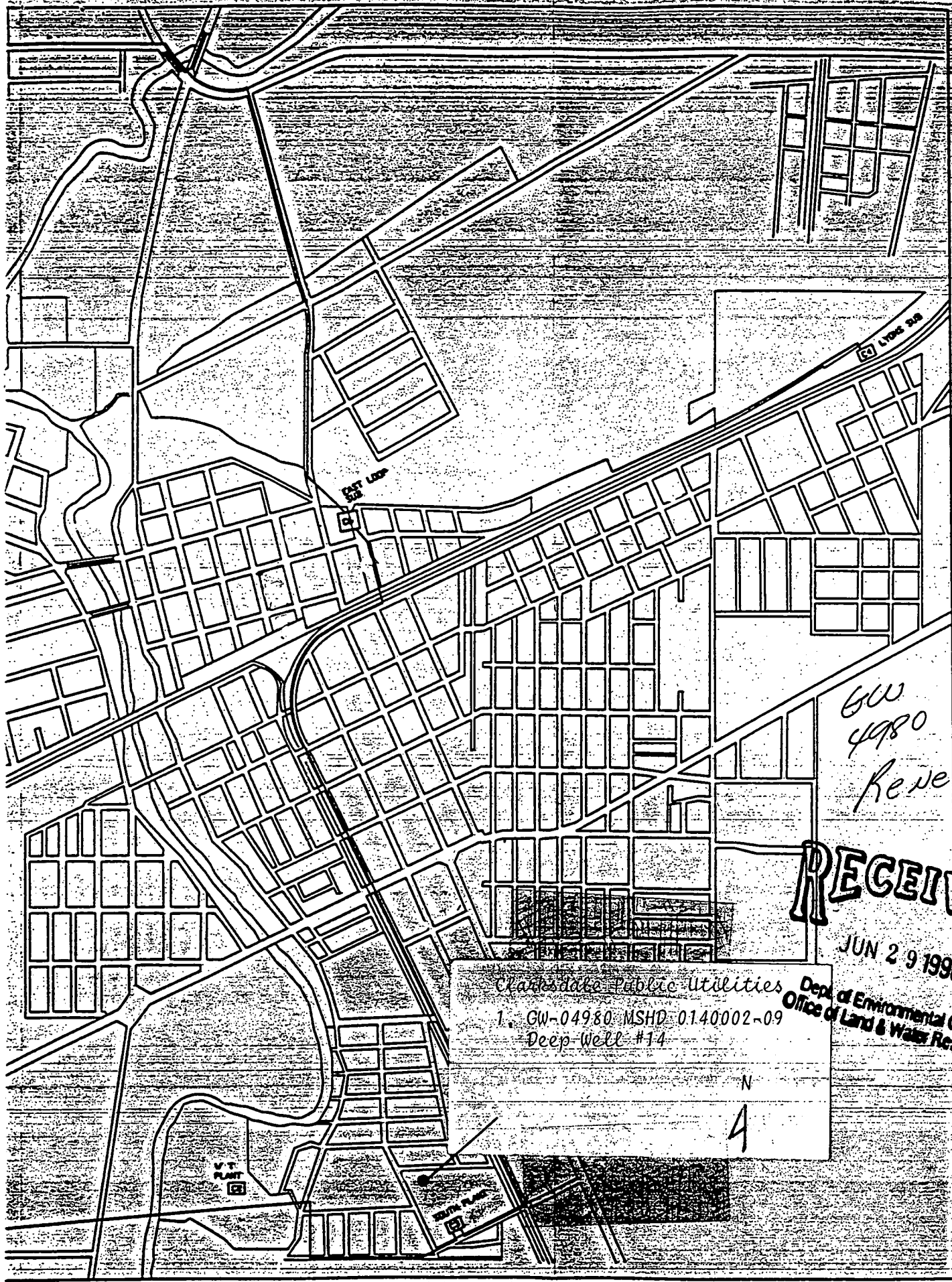
List below the person to be contacted for additional information if required.

Name: Philip A. Clark, Jr. Clarksdale Public Utilities
P.O. Box 70
Address: Clarksdale, MS 38614
City, State, Zip: Clarksdale, MS 38614
Telephone: 601-627-8490

The accompanying map is hereby declared a part of this application. For irrigation and fish culture use, an ASCS photograph is required. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

Signature: Philip A. Clark, Jr. (Signature)

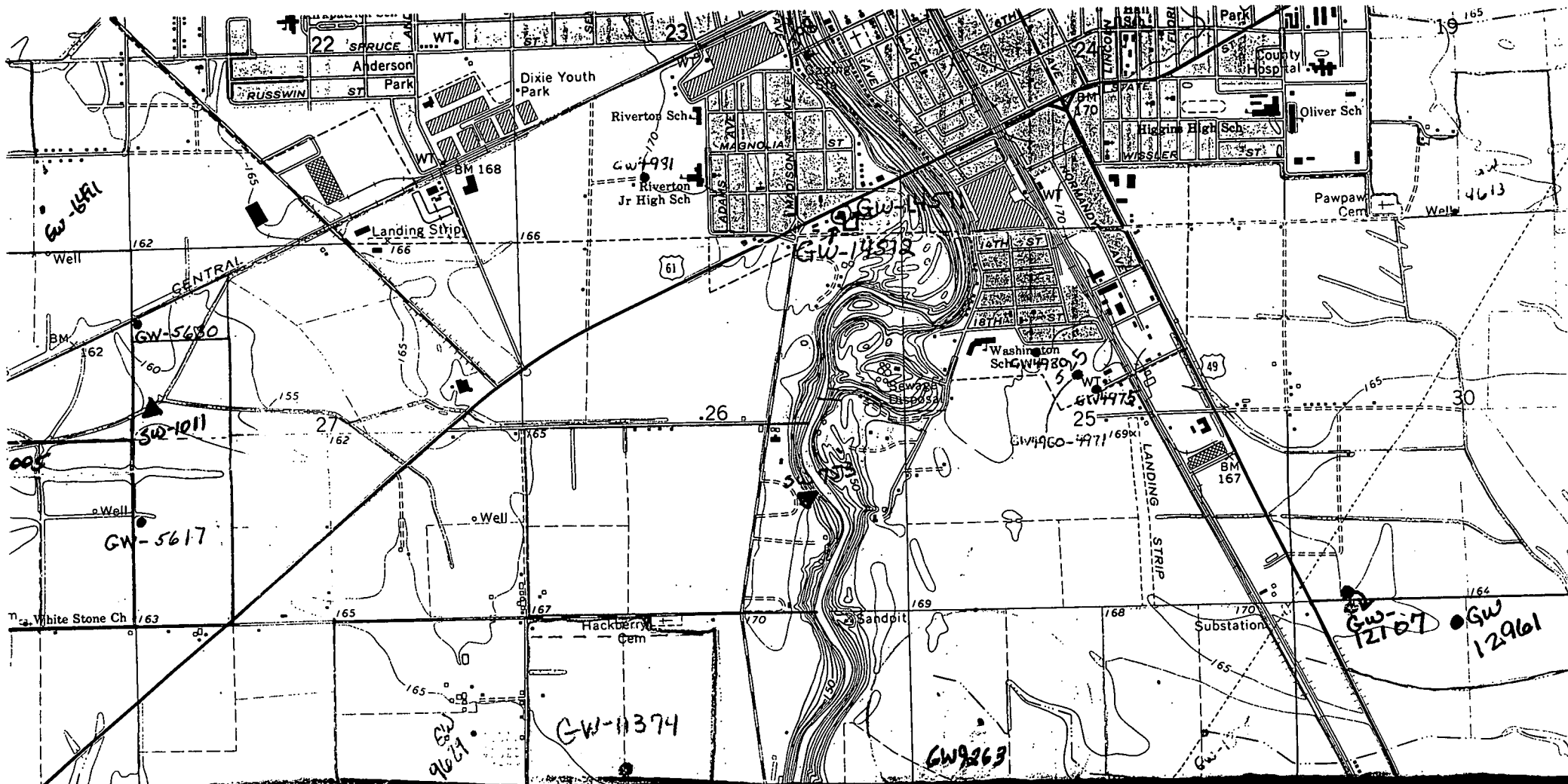
Subscribed and sworn to before me this 25th day of June, 1998, at Clarksdale County of Coahoma
My commission expires MISSISSIPPI STATEWIDE NOTARY PUBLIC MY COMMISSION EXPIRES DEC. 29, 2000
Notary Public: Patricia C. Branch



GW  
4980  
Review

**RECEIVED**  
JUN 29 1998

Clarksdale Public Utilities  
1. GW-04980 MSHD-0140002-09  
Deep Well #14



0 0 0  
 1 1 1  
 2 2 2  
 3 3 3  
 4 4 4  
 5 5 5  
 6 6 6  
 7 7 7  
 8 8 8  
 9 9 9