

GW04975
Doh #140002-04³⁷⁸

FORM 9-1642
(1-68)

Well No. J26

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by M. Smith Source of data Bow C Date 7/70 Map CLARKSDALE 87B
 State 1 04 28 County (or town) Coahoma 3 14
 Latitude: 34 1 05 8 N Longitude: 09 0 33 4 W Sequential number: 7
 Lat-long accuracy: 3 27 N 4 W 25 SW NE
 Local well number: J 0 2 6 C A 2 5 2 7 N 0 4 W Other number: H8 DW
 Local use: 0.64 Owner or name: South Power Plant
 Owner or name: CLARKSDALE Address: @ new tank

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other P
 Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W
 DATA AVAILABLE: Well data Freq. W/L meas: Field aquifer char.
 Hyd. lab. data:
 Qual. water data; type:
 Freq. sampling: Pumpage inventory: no. period:
 Aperture cards: yes no
 Log data: D

10/24/89
50.78

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 703 ft Meas. 3 accuracy
 Depth cased; (first perf.): 603 ft Casing type: 18X10 in 18
 Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other G
 Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percuss, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other H
 Date drilled: 963 Pump intake setting: 3 ft

12/9/80
72
4.82
67.12
2.4
24.72

Driller: Layne name address
 Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other Shallow 40
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. Trans. or meter no. 41
 Descrip. MP 170 ft above ft below LSD, Alt. MP 3 Accuracy: (source) 3
 Alt. LSD: 170 ft above ft below LSD 44 Accuracy: 4
 Water Level: 49 ft above below MP; Ft below LSD 44 Accuracy: 4
 Date meas: 763 Yield: 65 gpm 1700 Method determined 61
 Drawdown: 53 ft Accuracy: 5 Pumping period 65 hrs 68
 QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72
 Sp. Conduct K x 10⁶ 73 Temp. *F 74 76 Date sampled 77 79
 Taste, color, etc.

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

J26

J26
7-16-63

600 4975
SW/NE, Sec. 25, T27N, R4W

WATER WELL DRILLERS LOG

CODED

Elev. 170

Date: 7-16-1963, Driller: Layne-Central Co. County Clarksdale

(Name)

(1) Owner of Land: City of Clarksdale
(Name)
Clarksdale, Miss.
(Address)

(2) Location: SW 1/4, NE 1/4, Sec. 25 T27N R4W
_____ miles _____, of _____
(distance) (direction) (Nearest Town)

(3) Topography: _____
(Hilly) (Flat) (Level)

(4) Purpose of Well: municipal
(Domestic Irrigation
Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
0-30 clay		
30-114 sand		
114-128 sand & gravel		
128-139 packed sand & gravel		
139-151 tough clay		
151-153 rock		
153-230 clay		
230-350 sandy clay		
250-290 sand		
290-312 clay		
312-400 sandy clay		
400-430 clay		
430-457 sandy clay		
457-480 clay-sand stks		
480-507 sand-clay stks		
507-508 rock		
508-574 hard clay		
574-591 sand		
591-613 draggy sand		
613-636 sand		
636-646 clay		
646-659 sand-clay stks		
659-682 packed sand		
682-703 packed sand		
703-710 clay		
710-711 rock		

Information upon completion of well:

(1) Diameter 18" inches.

(2) Total Depth 708' 8" feet.

(3) Water Level 44' feet below top of ground.

(4) Cased to 587' 8", Size _____

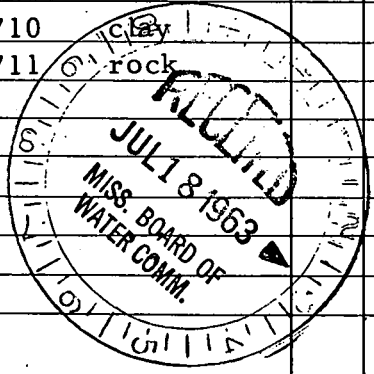
(5) Screen: Size 10", Length 100'

(6) Were any formations sealed against pollution?
X yes, _____ no.

If YES depth of formation 587' 8"

Why required

Drillers Remarks: _____



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Crawshaw DATE: 9-6-96
UNIT DEQ #: _____ FILE #: A090614A
HEALTH DEPT. #: 140002-04 ELEV. 169'
USGS #: J-26 OLWR #: MS-GW-04975
OWNER: City of Clarksdale #8
LOCATION ^{SW} SW NE S 25 T 27 NR 4W COUNTY: Coahoma
LOCATION DESCRIPTION: on lark lane at So. Plant
nr tank
CASING DIA: 18" PUMP TYPE & SIZE: _____
GPS FIELD LOCATION: LAT. 34.11022 LONG. 90.33709
GPS CORRECTED LOCATION: LAT. 34.18402022 LONG. 90.56235435
REMARKS: clarksdale quad

RECEIVED

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

JUN 29 1998

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

Box 10631 Jackson, MS 39289-0631; (601) 961-5202
Office of Land & Water Resources

This box is for office use only.

9-8-98 AGN.

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

Table with 4 columns: Issued, Expires, Fee Paid, Permit No., Lat, Long, Elev, USGS No., Quad, ASCS Farm No, STAC, MSDOH No., Aquifer, Tract No, Basin No., Remarks, Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. GW-04975

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 (Name) 64-6000245 (SSN or Tax ID No.) P.O. Box 490 (Address) Clarksdale, MS 38614 (City) (State & Zip) 601 621 8100 (Telephone No.)

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

MAP SENT

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

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application): SW 1/4 of the NE 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: 697 foot aquifer MISSISSIPPI DEPARTMENT OF HEALTH NO.: 0140002-04

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____. If well has already been drilled, when was well completed (date)? 04-17, 19 63. Under whose name was well originally drilled (if known)? City of Clarksdale

3. Description of proposed or completed well: (a) DEPTH OF WELL: 703 feet. DRILLER: Layne Central (b) SURFACE CASING: Length 587' 8" feet; Diameter 18 inches; Type steel, grouted in place (c) SCREEN: Length 100 feet; Diameter 10 inches; Type stainless steel shutter (d) PUMP: Type RKHC; Size 15" ; Capacity 1600 gallons per minute; Setting depth 159 feet (e) POWER UNIT: Type U.S. (electric); Size 100 horsepower

4. PERMITTED VOLUME: (a) _____ gallons per minute (b) 268 32 million gallons per day at a maximum rate of 1600 gallons per minute

768

(CONTINUED ON BACK)

SECTION C (to be completed for SURFACE WATER SOURCE)

RECEIVED

- 1. Source of water is from _____ which drains into _____ which drains into _____ (major stream or river)
- 2. Description of pump/diversion works:
 - Pump (size & type): _____ Power Unit (size & type): _____
 - Lift: _____ feet Maximum capacity: _____ gallons per minute
 - _____ 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 Sorghum _____; 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: _____ How often will reservoir (s) be emptied and refilled? _____

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?

4.56MGD	2003	4.56MGD	2008	4.56MGD	2013	4.56MGD	2018
(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)

- 4. INDUSTRIAL: If the water is to be released into a watercourse, indicate the amount released each year _____

Rate of release _____; NPDES Permit No. _____

Explain any changes in quality of water to be released: _____

Explain how water will be used: _____

How much groundwater will be used for once-through non-contact cooling? _____

- 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.

Philip A. Clark, Jr. Clarksdale Public Utilities

(Name)

P.O. Box 70

(Address)

Clarksdale, MS 38614

(City, State, Zip)

601-627-8490

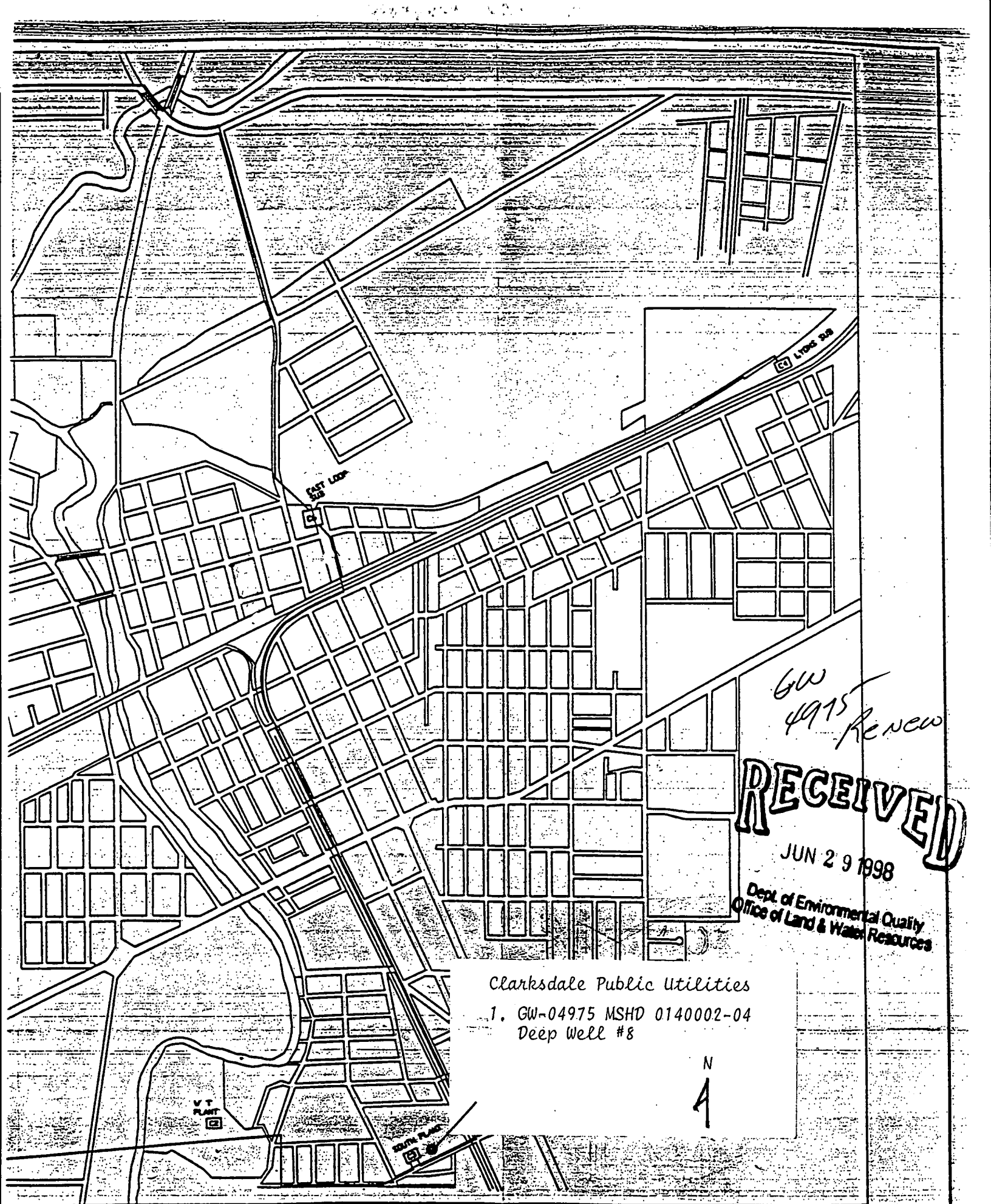
(Telephone)

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

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 Patricia C. Branch Notary Public.



GW 4975 Renew

RECEIVED
 JUN 29 1998

Dept. of Environmental Quality
 Office of Land & Water Resources

Clarksdale Public Utilities
 1. GW-04975 MSHD 0140002-04
 Deep Well #8



DATE	BY	REV	DESCRIPTION	FILE NO
05/13/98	MSH	1	ISSUE FOR PERMIT	16800-10000-0101
05/13/98	MSH	2	REVISED	0101-E-01



