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**LIFT**

- Lift type: 43
- Intake: 44
- Power type: 45
- Date: 1982-03-06
- H.P.: 1.0

**LOGS**

- Log 199: E
- Top 200: 0
- Bot 201: 1.5

- Log 199: E
- Top 200: 25
- Bot 201: 1.4

**E Log No.**

- 1900-035
- 1911 MISS DIST

**ANAL.**

- Year: 114
- Type: 120

**AQUIFERS**

- Unit ID: 124 S.P.R.T.
- Name of Unit

- Unit ID: 93
- Name of Unit

**HYDRAULICS**

- Unit tested: 100
- Test No.: 106
- Transmissivity (gal/d)/ft
- Hydraul. cond. (gal/d)/ft²
- Storage coeff.

**Water Level Data Collection (1)**

- PH: 7.8
- EC: 6.4
- T: 75
- S: 6.0
- C: 103
- No. of wells: 19

**Diagram**

- Map indicating wells and water levels
- Wells labeled: Riverside, Madison, Walnut School, Choctaw
- Depths: 64, 64, 64, 64
- Soil types: Sand, Clay, Sand & Gravel, Sand & Clay, etc.
- Water levels: 119, 119, 119, 119
MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39205

WATER WELL DRILLERS LOG

6-3-82

LANDOWNER: CITY OF CLARKSDALE

CITY OF CLARKSDALE
CLARKSDALE, MS
Riverton Area
(mailing address)

WELL LOCATION:
sec. 23 T.27 N. R.6 E
5 S W of Clarksdale
(miles of nearest town)

WELL PURPOSE:
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:
(1) diameter (inches) 21"
(2) total depth (feet) 744'
(3) static water level (feet) 621 below top of ground.
(4) casing steel 636'
(material) 16" depth
(size) If telescope see back.
(5) screen 104' 636'
(length) depth to top
10" st. steel
(size) material
(6) pump 100 1000
(HP) yield gpm
electric
(type power)

(7) electric log Yes (yes or no)
Layne
(organization running log)

(8) how well bottom plugged
BP. VALVE

RECEIVED

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

JUN 24 1982

6-3-1982 LAYNE CENTRAL CO. COAHOMA county well located
DATA SHEET-VERIFICATION CHECKLIST

COUNTY: COAHOMA

WELL OWNER: CLARKSDALE, WELL # 15

U.S.G.S. NO.: J-119

B.O.H. NO.: 140002-10

OLWR NO.: 

LOCATION:

MAP: NE NE SE SW S 23 T 27 N R 4 W

GPS: 

ELEV. (MSL): 172'

W.L. (L.S.):
1. - 56.4' 6-28-95
2. - 54.4' 

HEAD (MSL): + 115.6'

SCREENED INTERVAL: 626' - 740' (LS) - 464' - 368' (MSL)

AQUIFER VERIFIED: SPARTA

PREVIOUS W.L.: - 68' (6/20/82)

DATA ENTERED: 

CHECKED: 

Jaw: 

Jaw: 

Jaw: 

Jaw: 

Jaw: 

Jaw: 

Jaw:
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/Everett  DATE: 10/21/98

UNIT DEQ #:  FILE #: A102422A

HEALTH DEPT. #: 140002-10  ELEV. 169'

USGS #: S-119  OLWR #: 195-6W-04981

OWNER: Clarksdale

LOCATION NWSW S23 T23N R4W COUNTY: Coshoma

LOCATION DESCRIPTION: IN FIELD WEST OF RIVERSON JR.
High School - North Side of Hwy 61
West of Washington St

CASING DIA: 10''  PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 34°11.499' LONG. 90°34.996'

GPS CORRECTED LOCATION: LAT. 34.191825 N LONG. 90.582855 W

REMARKS: Clarksdale Quad
APPLICANT: 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
P.O. BOX 4541, JACkSON, MS 32205-0631; (601) 961-3202

This box is for office use only

Issued: 8-9-98 Expires: 9-8-2008 FEE PAID Permit No.


Quad: Clarksdale ASCS Farm No. STAC: 00 MSDOH No.

Aquifer: SPR G Basin No.

Remarks: Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. Gu-04981

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) Flood Protection 9) Livestock 10) Fire 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

(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

(State & Zip) (Telephone)

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

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: 740 foot aquifer MISSISSIPPI DEPARTMENT OF HEALTH NO.: 0140002-10

2. Proposed work will begin on March 2nd, 1998, and will be completed by March 31st, 1998.

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 744 Feet DRILLER: Louisiana Central

(b) SURFACE CASING: Length 636 Feet Diameter 18 inches Type steel, grouted in place

(c) SCREEN: Length 104 Feet Diameter 10 inches Stainless steel shutter

(d) PUMP: Type RSRU; Size 12; Capacity 1000 gallons per minute; Setting depth 150 feet

(e) POWER UNIT: Type U.S. (electric); Size 100 horsepower

4. PERMITTED VOLUME:

(a) 800 gallons per year at a maximum rate of 40 gallons per minute

(b) 1000 gallons per day at a maximum rate of 1000 gallons per minute

(continued on back)
SECTION C (to be completed for SURFACE WATER SOURCE)
1. Source of water is from ______________________ 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: _______
   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. ________________________

c. 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
   a. Choose "a" or "b." (a) The number of people served is _______ or (b) The number of connections is _______
   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?
   | Year | Volume | Year | Volume | Year | Volume | Year | Volume |
   | 2003 | 4.56MGD | 2008 | 4.56MGD | 2013 | 4.56MGD |
   | 2006 | (Volume) | 2009 | (Volume) | 2014 | (Volume) |

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)

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)

Subscribed and sworn to before me this 25th day of June, 1998, at Clarksdale County of Coahoma.

My commission expires:

Notary Public.