

Coded By 0592
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U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 211
 County FORREST
 Agency

Well No. F53

WELL RECORD

Dixie quad

Agency Code UISGIS Site Id 13111411208911845011 Project No. 54

Station Name 12 F53 DIXIE WIA Latitude 9311141121 Longitude 1040189118451

Lat/Long Ac. 11 SFM Dist 6=28 State 7=28 County 8=035 Land Net 13 NWSW S10 91 T103 N R113 W 2

Location Map 14 DIXIE Altitude 16 3610 Met/Meas 17 ALM Accuracy 18 11101 Hydrologic Unit 20 B3117100107

Agency Use 803 A 01 Date Inventoried 711 / / Station Type 4 L Y Data Type 804

Instru. 805 Remarks 806 Relia. 3 CLMU 2=WX

Date of Construction 21 03/1201/119912 Well Use 23 W Water Use 24 P Primary Aquifer 714 121 CRINLI Hole Depth 27 121914

Well Depth 28 1122 Water Level 30 1701 12 Water Level Date 31 05/05/119912 Method 34 1 Status 37 1 Source 33 D

CONSTRUCTION DATA

Construction Date 60 05/05/119912 Contractor 63 11814 Name Griner Method 65 RI Finish 66 H

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 1101	78 1851	79 219
R=76	T=A	725#2	59#1	77 1101	78 1971	79 1101

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 1971	84 112121	87 1101	85 S	89	88
R=82	T=A	726#2	59#1	83	84	87	85	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 05/05/119912 Intake 44 1119

Power 45 H.P. 46 110 Serial No. 49

MISCELLANEOUS OWNER DATA

Date of Ownership 159 05/05/119912 Owner Name 161 DIXIE WIA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 2111 Assigner 191 M I S S I D I S T

Well #4

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / /	Aquifer Sampled 195#	Temp 196#00010	Value 197#
R=192	T=A	738#2	Date of Measurement 1934 / /	Aquifer Sampled 195#	So Cond 196#00095	Value 197#
R=192	T=A	738#3	Date of Measurement 1934 / /	Aquifer Sampled 195#	pH 196#00400	Value 197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Beg. Depth 200# 110	End Depth 201# 286
R=198	T=A	739#1	Log Type 199#D	Beg. Depth 200# 10	End Depth 201# 294

MISCELLANEOUS NETWORK DATA *106 = QW WL WD **

R=114	T=A	730#1	Beg. Year 115# 9	End Year 116# 9	Agency Source 120#A 117#	Freq. 118#
R=121	T=A	730#2	Beg. Year 115# 9	End Year 116# 9	Agency Source 117#	Freq. 118#

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 05 / 10 5 / 11 19 9 21	Remarks 185# MSGW 14170
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 05 / 10 5 / 11 19 9 21	Type 703#(P)	Discharge 150# 15	So. Capacity 272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 7	Depth Bot. 92# 26	Unit Id 93# 21 KIRIN4	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#	103#
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(24.96 dd @ 24hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SAND + CLAY STR	0	63
SAND	63	126
CLAY	126	189
CLAY + ROCK	189	210
SAND + CLAY STR	210	231
SAND	231	252
CLAY	252	294

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Forrest		PERMIT NUMBER 14170
WELL NUMBER 4	CODED <input checked="" type="checkbox"/>	13244
F53		NAME OF DRILLING FIRM BRINER DRILLING SERVICE
DATE WELL COMPLETED MAY 1992		

NAME & MAILING ADDRESS OF LANDOWNER
DIXIE WATER ASSOC.
DIXIE COMMUNITY
Forrest County

WELL LOCATION: SEC **9** TOWNSHIP **3** RANGE **13**
NW 1/4 NW 1/4 SW 1/4 **N S E W**

DISTANCE _____ MILES _____ of _____
DIRECTION _____ NEAREST TOWN _____

OTHER LANDMARK _____

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
RURAL WATER ASSOC.

PUMP DATA

PUMP TYPE (Circle One):
Submersible, **Turbine**, Jet, Flowing Well,
Other (Describe) _____

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) _____ H/P **10**

Pump Capacity (GPM) **150** No. of Stages **6** Setting Depth **119** FT.

PUMP TEST
Well yielded **151** GPM with
a drawdown of **24.96** ft.
after **24** hours of pumping

WELL DATA

Well Depth 122'	Casing Diameter (In.) 20	Casing Length (Ft.) 85
Type of Casing steel	Hole Depth 125'	Depth to Static Water Level 70.20 ft

TYPE OF COMPLETION: (Circle One or More):
Gravel Packed, **Underreamed**, Telescoped,
Natural Development, Open Hole, Other _____

Top of Lap Pipe or Reduction in Casing
+2 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log
BRINER DRILLING SERVICE

SCREEN DATA

Diameter - Inches 10	Length - Feet 25	Slot Size - Inches .016
Screen Type WIREFOUND	Depth to Bottom - Feet 122	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks
1225/97

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
SAND & CLAY SLT	0	63			
SAND	63	126			
CLAY	126	187			
CLAY & ROCK	187	210			
SAND & CLAY & GREN	210	231			
SAND	231	252			
CLAY	252	294			

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JUL 22 1992
Dept. of Environmental Quality
Bureau of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

MOCN

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FORM BLW-AP-1
RETURN COMPLETED FORM TO:
Bureau of Land and Water Resources
P.O. Box 10631
Jackson, Mississippi 39209
Telephone (601) 961-5200

APR 02 1992
Dept. of Environmental Quality
Bureau of Land & Water Resources

For Office Use Only:	
County:	Forrest
Priority Date:	
Permit No:	GW-14170
Quad Map:	Dixie
Water Management Dist:	
Hydrologic River Basin:	0317007

FSB

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

Pursuant to the laws of the State of Mississippi, namely §51-3-5 (1), as amended, I, the landowner, _____

Dixie Community Utility Association, Inc. (Name) 64-0476190 (S/S or Tax ID No.)

217 Rogers Road (Address) Hattiesburg (City or Town) MS 39401 (State and Zip)

(601) 582-5573 (Telephone Number), do hereby make application for permission to use: (circle one)

surface water ground water for the following beneficial use: (circle one or more)

municipal; irrigation; recreation; livestock water; fish culture; Industrial, Central H₂O Ass.

Other _____ (Specify)

1. Name & Address of agent or applicant if different from landowner.

(Name) (S/S or Tax ID No.) (Address)

(City or Town) (State and Zip) (Telephone Number)

2. Location of point of diversion/withdrawal (include location map with application)
SW
NW 1/4 of SW 1/4 of Section 9, Township 3N, Range 13W, County Forrest

3. Volume of water diverted/withdrawn:
(1) _____ acre feet per year, diverted/withdrawn at a maximum rate of 150 gallons per minute; or
(2) 0.09 million gallons per day, diverted/withdrawn at a maximum rate of 150 gallons per minute.

4. Construction of proposed work will begin May 1, 19 92

5. Estimated date of completion August 1, 19 92

6. Water will be used from January (Month) to December (Month) each year

7. Description of lands on which water will be used:
(a) Copy legal description of property upon which water is to be used (may be copied word for word from your deed).

Attach separate sheet if necessary _____

Lat. 311359 Long. 891846 Elev. 370
ISS 5/12/92 EXP. 5/12/02

(b) Has the above described land any water right or source of water supply other than that herein applied for? yes
(Water Rights Number(s) _____) Describe the nature and amount of any additional supply _____

A 150 GPM Water Well was drilled and a 300 GPM Water Treatment Plant

was installed in 1987. We are now applying for an additional 150 GPM Water well to be drilled about 300 feet from the existing well on the same site.

SECTION A (to be completed if source of water is from surface supply)

1. Source of supply is _____ which drains into _____
_____ which drains into _____

2. Description of diversion works:
(a) Water obtained directly from stream: _____ (Name)
Pump _____ (Size and type) Power Unit _____ (Size and type)
Lift _____ ft. Maximum capacity _____ gpm

(b) Storage reservoir _____ (Name)
Height of dam _____ feet. Surface area at normal pool _____ acres
Storage capacity at normal pool _____ acre feet

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SECTION B (to be completed if source of water is from underground supply)

- Source of supply: Hattiesburg Miocene aquifer(s)
- Description of water well:
 - Proposed Well Data: Estimated depth to be drilled 125 feet
 - Proposed Screen Data:
 - Estimated Length 25 ft. (2) Estimated Diameter 10 inches
 - Proposed Type Stainless Steel (4) Proposed slot size _____ inches
 - Proposed Casing Data
 - Estimated Length 65 ft. (2) Estimated Diameter 20 inches
 - Proposed Type Steel
 - Proposed Pump Data:
 - Estimated Type & Size 15HP Turbine (2) Estimated Capacity 150 gpm
 - Estimated No. of Stages 8 (4) Estimated Setting Depth 125 ft.

Well Driller Griner Drilling Service, Inc.
(Name of Company)

WATER USE DATA

1. IRRIGATION use: (a) Show number of acres to be irrigated by 40-acre blocks:

TOWN-SHIP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS		
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼			

- List the acres to be irrigated: Rice _____; Cotton _____; Corn _____; Pasture _____; Truck _____; Other crops (_____) _____ acres.
- If for MUNICIPAL use: (a) Present population 3,500, (based on 1990 Census)
(b) Estimated average daily consumption during periods of maximum use at the end of each five-year period in next twenty years:
_____ 19____; _____ 19____; _____ 19____; _____ 19____.
- If for INDUSTRIAL use: (a) If water is to be released into a watercourse, indicate: Amount released each year _____; rate of release _____; location of release point in reference to diversion point _____ (show location on map)
(b) Explain any change in quality of water to be released: _____
- If for RECREATIONAL use: Explain how water will be used _____
- If for FISH CULTURE use: (a) Explain in detail how water will be used _____
(b) Number of times reservoir will be emptied and filled annually: _____
- If for ANY OTHER use: (a) Explain in detail _____

REMARKS _____

List below the name and address of person to be contacted for additional information, if required.

The accompanying map is hereby declared a part of this application. Ten dollar (\$10.00) fee herewith enclosed.

Jason Basinger, President
(Name)
Dixie Community Utility Association, Inc.
(Address)

Jason Basinger Jr
(Signature)

Subscribed and sworn to before me this 1st day of April, 1992, at _____
County of FORREST, Mississippi. My commission expires My Commission Expires July 31, 1994

Jacqueline C. Courtney Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Dixie
Quad

GPS LOG

USER NAME(S): C.A. Hornbeak DATE: 6/28/94

UNIT DEQ #: 82555 FILE #: C 062815A

HEALTH DEPT. #: 180005-04 ELEV. 370

USGS #: Z-105 F53 OLWR #: 14170

OWNER: Dixie Comm. Water Assoc.

LOCATION: NW-5W S 9 T 3N R 13W COUNTY: Forrest

LOCATION DESCRIPTION: Corner of Chester Brown Rd + Bon Homie Rd.
North of Elev. Tank

CASING DIA: 12" PUMP TYPE & SIZE: 10 HP Elec.

GPS FIELD LOCATION: LAT. 31° 14.230 LONG. 89° 18.853

GPS CORRECTED LOCATION: LAT. 31 14 12.962 LONG. 89 18 48.900
31.236937 89.313586

REMARKS: GPS at well.

Dixie Quad

ATES THE INTERIOR SURVEY

