

GW2395

DOI # 150006-02

Crystal Springs Quad

6, WTO

Recorded by

WTO

Date

11/10/77

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

Well No.

K32

E-Log No.

248

County

Copiah

Site ID

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

R=0*

T=A*

2=W*

Data reliab.

3=C*^CU

Report. agency

4=USGS*

Dist.

6=28*

7=28*

Co.

8=029*

Lat.

Long.

9=3 1 5 6 3 9 *

10=0 9 0 1 7 2 9 *

Well No.

12=K032*

Location

13=NEW WY S 10 T O I N R O I W *

Alt.

16=472. ✓ *

Hyd. Unit (OWDC)

20=

Date

21=10/26/1977 *

Well use

23=W *

Water Use

24=P *

Hole depth

27=504. *

Well depth

28=269. *

WL

30=114. *^{WA}

Date

31=10/31/1977 *

Source

33=D *

Status

273=Y *

Project No.

5=

R=158*

T=A *

Date

159# 10/31/1977 *

Owner No.

T.H.#2 for Well #2

Owner

161=HARMONY RDG W A *

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=10/31/1977 *

Remarks

Drlg.

63=184 *

Name

Griner Drlg

Method

65=H *

Finish

66=S *

R=76*

T=A *

59# 1*

Top csng.

77# 0. *

Bot. csng.

78=210. *

Diam.

79# 8. *

R=76*

T=A *

59# 1*

Top csng

77# 170. *

Bot. csng.

78=229. *

Diam.

79# 6. *

R=82*

T=A *

59# 1*

Top

83# 229. *

Bottom

84=269. *

Type

85=S *

Diam.

87=6. *

Size

88=.008 *

R=82*

T=A *

59# 1*

Top

83# . . *

Bottom

84= . . *

Type

85= . . *

Diam.

87= . . *

Size

88= . . *

6/15/94 LAR/DRB

R=146 *

T=A *

147# 1 *

Q

150=250. *

Q/S

272= . . *

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD QW

CONSTR.

CASING

OPENINGS

YIELD

Lift type 43# T* Intake 44= _____* Power type 45= E*

5/31/1977* H.P. 46= 20.*

A* Log 199# D* Top 200= 0.* Bot 201= 504.*

T= A* Log 199# E* Top 200= 57.* Bot 201= 504.*

=189* T= A* E Log No. 190# 24.8* 191= M I S S D I S T *

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

R=98* T= A* 256# 1* Top 91= 215.* Bot 92= 267.*

Unit ID 93= 122CTHL* Name of Unit _____

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

Unit ID 93= _____* Name of Unit _____

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)/ft² _____

110= _____* Storage coeff. Boundaries _____

R=121* T= _____* Yr Begin 122# _____*

Water Level Data Collection (1)

TOP SOIL	0	3
SAND + GRASS (CURBS)	2	21
CLAY	170	155
SAND + CLAY streaks	155	150
CLAY	150	914
SAND w/ clay streaks	214	23
SAND medium	23	270
CLAY + roots, NIP	58	504

COPIAH
K 32
10/77
log # 248

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

CODED

WATER WELL DRILLERS LOG

date well completed 19 77 OCT firm name GRINER DRILLING SERVICE county well located COPIAH

LANDOWNER: <u>HARMONY RIDGE</u>	description of formations encountered	from	to
<u>WATER ASSN., WELL NO. 2</u>	<u>TOP SOIL</u>	<u>0</u>	<u>3</u>
(mailing address)	<u>SAND + GRAVEL (COARSE)</u>	<u>3</u>	<u>120</u>
WELL LOCATION: <u>SW 1/4 NE 1/4 NW 1/4</u>	<u>CLAY</u>	<u>120</u>	<u>155</u>
sec. <u>10</u> T. <u>1</u> N. <u>5</u> R. <u>1</u> E. <u>W</u>	<u>SAND + CLAY streaks</u>	<u>155</u>	<u>180</u>
(distance) miles _____ of _____ (direction) (nearest town)	<u>CLAY</u>	<u>180</u>	<u>214</u>
WELL PURPOSE: (home, irrigation, municipal, industrial)	<u>SAND w/ clay streaks</u>	<u>214</u>	<u>230</u>
WELL COMPLETION DATA:	<u>SAND Medium</u>	<u>230</u>	<u>270</u>
(1) diameter (inches) <u>8 5/8</u>	<u>CLAY + Rocks, HARD</u>	<u>270</u>	<u>504</u>
(2) total depth (feet) <u>269</u>			
(3) static water level (feet) <u>114</u> <u>below</u> top of ground.			
(4) casing <u>steel</u> <u>210</u> (material) (depth)			
<u>8 5/8</u> (size) if telescope see back.			
(5) screen <u>40</u> <u>229</u> (length) (depth to top)			
<u>6</u> (size) <u>304 S.S. (008)</u> (material) <u>20'</u> <u>018 of 20'</u>			
(6) pump <u>20</u> <u>250</u> (HP) (yield gpm)			
<u>Elect.</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>MISS. Geol. Survey</u> (organization running log)			
(8) how well bottom plugged <u>BACK</u>			
DRILLERS REMARKS:			

CODED

RECEIVED

JAN 25 1978

WATER COMMISSIONERS

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

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 5-14-96 AGN. Dept. of Environmental Quality
FORM OLR-AP-2 (REV. 9/94)

Issued: <u>5-13-86</u>	Expires: <u>5-13-2006</u>	Fee Paid:	Permit No.
Lat. <u>31 56 39</u>	Long. <u>90 17 30</u>	Elev. <u>492</u>	USGS No. <u>K032</u>
Quad <u>CRYSTAL SPRINGS</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>CTHL</u>	Tract No.		Basin No. <u>03180003</u>
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. GA102395

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E LWM
 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: HARMONY RIDGE WATER ASSOC. 640468981
(Name) (SSN or Tax ID No.)
P.O. Box 112
(Address)
CRYSTAL SPRINGS MS 39059
(City) (State & Zip) (Telephone No.)

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

NO MAP

HD 150006-02
(Name) (SSN or Tax ID No.)

(Address)

(City) (State & Zip) (Telephone)

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

NE 1/4 of the NW 1/4 of Section 10, Township TN, Range RW, County Copiah

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)

- AQUIFER: CTHL LWM MISSISSIPPI DEPARTMENT OF HEALTH NO.: _____
- Proposed work will begin on _____, 19____, and will be completed by _____, 19____
If well has already been drilled, when was well completed (date)? Jan, 1978. Under whose name was well originally drilled (if known)? _____
- Description of proposed or completed well:
 - DEPTH OF WELL: 215 feet. DRILLER: GRINER DRILLING SERVICE
 - SURFACE CASING: Length _____ feet; Diameter _____ inches; Type _____
 - SCREEN: Length 40 feet; Diameter 4 inches; Type 304SS
 - PUMP: Type _____; Size _____; Capacity 250 gallons per minute; Setting depth 197 1/2 feet
 - POWER UNIT: Type TURBINE; Size 20 horsepower
- PERMITTED VOLUME:
 - _____ acre-feet per year at a maximum rate of _____ gallons per minute
 - 0.08 million gallons per day at a maximum rate of 250 gallons per minute

(CONTINUED ON BACK)

0.04

250

SECTION C (to be completed for **SURFACE WATER SOURCE**)

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
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 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 _____
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?
(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): A community water system to provide water to supply the needs of a single dwelling and livestock owned by each member.
7. **REMARKS:** _____

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

DON E. LEE
(Name)
3085 Burt Loop Rd -
(Address)
CRYSTAL SPRINGS, MS - 39059
(City, State, Zip)
601-892-1152
(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.

Don E Lee
(Signature)

Subscribed and sworn to before me this 5th day of Dec., 1999, at Madison County of Mississippi
My commission expires September 26, 1999; Dona Killough Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAK/DRS DATE: 6/15/94
UNIT DEQ #: 82859 FILE #: A061715B
HEALTH DEPT. #: 150006-02 ELEV. 480
USGS #: K-32 OLWR #: 2395
OWNER: HARMONY RIDGE WATER ASSOC.
LOCATION: SW/NE/NW S 10 T 1N R 1W COUNTY: COPIAH
LOCATION DESCRIPTION: 60' OF HARMONY RD. NEXT TO
WIDE UNPAVED CORNER OF HARMONY - BURT LOOP.
CASING DIA: 8 1/2" PUMP TYPE & SIZE: TURBINE
GPS FIELD LOCATION: LAT. 31-56-40 LONG. 90-17-27
31-56-648 N 90-17-476 W
GPS CORRECTED LOCATION: LAT. 31 56 38.395 LONG. 90 17 29.102
31.943999 90.291417
REMARKS: 5' W. PUMP, 4' HEIGHT OFF GROUND, ON FENCE.

Cry. Springs Camp



