

TRANSMITTED FOR ADP

6/77 WTO

378

Recorded by WTO  
Date 11/8/77

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

Well No. J 66  
E-Log No. 246  
County COPIAH

GEN. SITE DATA

Site ID 315525090233801 R=0\* T=A\* 2=W\*

Data reliab. 3=C\*<sup>C</sup> Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=029\*

Lat. Long. / 9=315525\* 10=0902338\* Well No. 12=J066\*

Location 13=NE SW 15 T 01 N R 02 W\* Alt. 16=442. \* 456

Hyd. Unit (OWDC) 20= \* Date 21=11/08/1977\*

Well use 23=W\* Water Use 24=N\* Hole depth 27=210.\* Well depth 28=184.\*

WL 30=55.\* Date 31=01/01/1978\* Source 33=D\*

Status 273=Y\* Project No. 5= \*

OWNER

R=158\* T=A\* Date 159# 01/01/1978\* Owner No. Well #2  
Bd. of Superv

Owner 161= COPIAH COUNTY \*

FIELD QW

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= \* \*

CONSTR.

R=58\* T=A\* 59#1\* Date 60=01/01/1978\* Remarks

Drlg. 63=13.4\* Name Griner Drlg Method 65=H\* Finish 66=S\*

CASING

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

Top csng. 77# 0.\* Bot. csng. 78=137.\* Diam. 79# 10.\* \*

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

Top csng 77# 107.\* Bot. csng. 78=144.\* Diam. 79# 8.\* \*

OPENINGS

R=82\* T=A\* 59#1\* Top 83# 144.\* Bottom 84=184.\*

Type 85=S\* Diam. 87=8.\* Size 88=.010\*

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

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

6/15/94 LAR/DRB

R=147#1\* 0 150=220.\* Q/S 272=21.\* \*

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

38= 01/01/1978 \* H.P. 46= 15. \*

T= A \* Log 199# D \* Top 200= 0. \* Bot 201= 210. \*

T= A \* Log 199# E \* Top 200= 10. \* Bot 201= 206. \*

T= A \* E Log No. 190# 246 \* 191= M I S S D I S T \*

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

T= A \* 256# 1 \* Top 91= 55. \* Bot 92= 184. \*

93= 122CTHL \* Name of Unit

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

93= \* Name of Unit

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

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

\* Transmissivity (gal/d)/ft

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

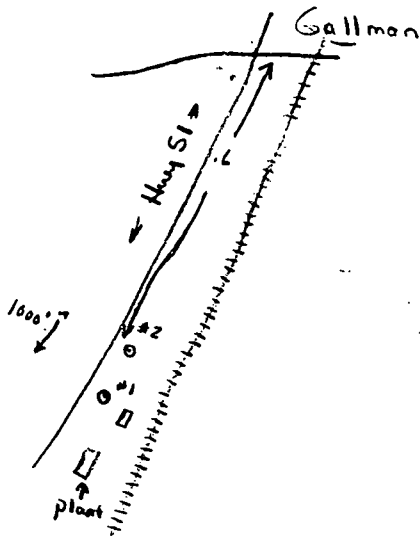
\* Storage coeff. Boundaries

T= \* Yr Begin 122# \*

Well Data Collection (1)

Joe Sprights

in/ft after 24 hrs.



description of formations encountered	from	to
TOP SOIL	0	3
CLAY	3	9
SAND + GRAVEL	9	60
SANDY CLAY	60	74
GRAVEL + SAND	74	125
SAND w/ fine gravel	125	184
CLAY + REELS	184	210

66  
1178  
E Log # 246

416 North State Street  
Jackson, Mississippi 39201

CODED

### WATER WELL DRILLERS LOG

JAN. 1978 GRINER DRILLING SERVICE COPIAH  
date well completed firm name county well located

LANDOWNER: COPIAH COUNTY  
INDUSTRIAL PARK, WELLS  
No. 2  
(mailing address)

WELL LOCATION: NE 1/4 S. 74  
sec. 15 T. 1 N. R. 2 E. W.  
miles of (distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 10 3/4
  - (2) total depth (feet) 184
  - (3) static water level (feet) 60 below above top of ground.
  - (4) casing Steel 137'  
(material) (depth)  
10 3/4 if telescope see back.  
(size)
  - (5) screen 40 144  
(length) (depth to top)  
8 304 S.S. (0.010)  
(size) (material)
  - (6) pump 15 320  
(HP) (yield gpm)  
Elect.  
(type power)
  - (7) electric log Yes  
(yes or no)  
U.S.G.S.  
(organization running log)
  - (8) how well bottom plugged BACK  
WASH VALVE

description of formations encountered	depth	
	from	to
TOP SOIL	0	3
CLAY	3	9
SAND + GRAVEL	9	60
SANDY CLAY	60	74
GRAVEL + SAND	74	125
SAND w/iron ends	125	184
CLAY + pebbles	184	210

CODED

RECEIVED

JAN 20 1978

MISS. REG. ...

DRILLERS REMARKS:

**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.

L-23-96 AGN.

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

Issued: <u>2-25-86</u>	Expires: <u>2-25-2006</u>	Fee Paid:	Permit No. ....
Lat. <u>33° 25' 22" N</u>	Long. <u>90° 03' 36" W</u>	Elev. ....	USGS No.
Quad. <u>111111</u>	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-1509

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: COPIAH COUNTY BOARD OF SUPERVISORS (Name) CA 6000287 (SSN or Tax ID No.)

**RECEIVED**  
SEP 13 1995  
Dept. Environmental Quality  
Office of Land & Water Resources

COUNTY COURTHOUSE (Address)

HAZLE HURST (City) MS 39083 (State & Zip) (601) 894-1858 (Telephone No.)

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

\_\_\_\_\_  
(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):

N/W 1/4 of the SW 1/4 of Section 15, Township 1N, Range 2W, 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)

1. AQUIFER: CITRONELLE MISSISSIPPI DEPARTMENT OF HEALTH NO.: 150018-02

2. 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)? 3 Copiah Board of Superv.

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 184 feet. DRILLER: GRINER

(b) SURFACE CASING: Length 137 feet; Diameter 10 3/4 inches; Type STEEL

(c) SCREEN: Length 40 feet; Diameter 8 inches; Type STAINLESS STEEL

(d) PUMP: Type VERTICAL TURBINE Size \_\_\_\_\_; Capacity 250 gallons per minute; Setting depth 125 feet

(e) POWER UNIT: Type \_\_\_\_\_; Size 15 horsepower

4. PERMITTED VOLUME:

(a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute

(b) 0.3 million gallons per day at a maximum rate of 2.57 gallons per minute

(CONTINUED ON BACK)

3.05

SECTION C (to be completed for SURFACE WATER SOURCE)

- 1. Source of water is from ... which drains into ...
2. Discription 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: ...
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 550 or (b) The number of connections is 7

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) ...

- 4. INDUSTRIAL: If the water is to be released into a watercourse, indicate the amount released each year 15 MILLION GAL.

Rate of release 0.042; NPDES Permit No. MS-0032921

Explain any changes in quality of water to be released: WATER IS USED FOR SANATION PURPOSES ONLY + treated in an extended AERATION WWTFA

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.

SUSAN L. KEYS (Name)

P.O. BOX 551 (Address)

HAZLEHURST, MS. 39083 (City, State, Zip)

601-894-1858 (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.

Susan L. Keys (Signature)

Subscribed and sworn to before me this 15th day of September, 1995, at Hazlehurst, Copiah County of Copiah

My commission expires ... Steve Amos, Clerk Notary Public.

By Rebecca H. Danks, Jr.



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAA/DXB DATE: 6/15/94

UNIT DEQ #: 82859 FILE #: A061714D

HEALTH DEPT. #: 150018-02 ELEV. 430

USGS #: J66 OLWR #: 1509

OWNER: Copiah Co. Ind. Park

LOCATION: NW 1/4 S 15 T 14 R 2W COUNTY: Copiah

LOCATION DESCRIPTION: NW CORNER OF CORRECTIONAL CH.  
Jail

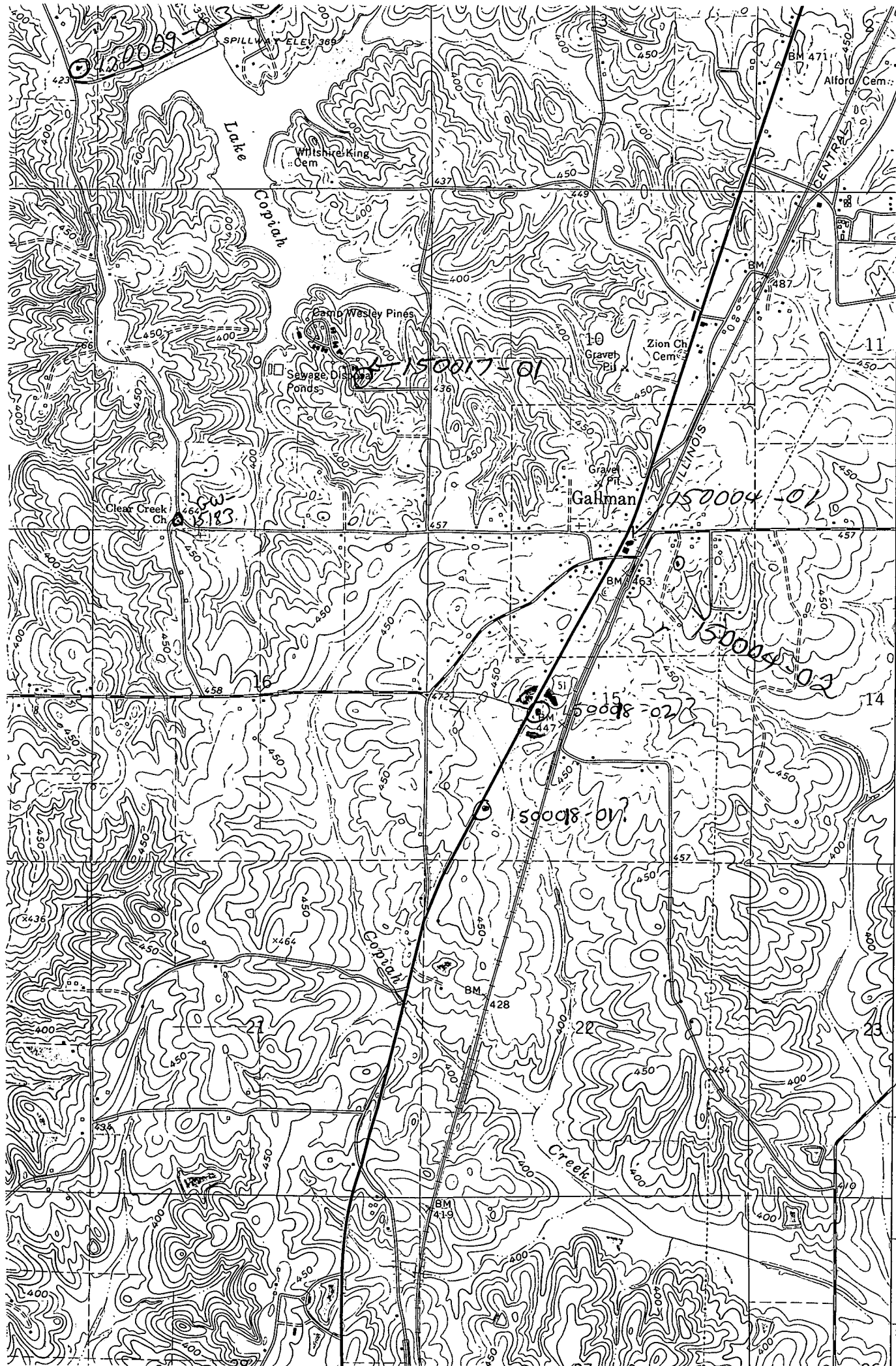
CASING DIA: 8" PUMP TYPE & SIZE: TURBINE

GPS FIELD LOCATION: LAT. 31-53-23 LONG. 90-24-05

GPS CORRECTED LOCATION: LAT. 31-55-26.078 LONG. 90-23-38.683

REMARKS: 31.923911 90.394079

*Hallman Quad*



3538  
3537  
3536  
3535  
3534  
3532

(CRYSTAL SPRINGS)  
2947 IV NE

55'  
CRYSTAL SPRINGS 16 MI.