**WATER WELL DRILLERS LOG**

**LANDOWNER:** CEPAH COUNTY

**INDUSTRIAL PARK WELL**

**No. 2**

**WELL LOCATION:** N44 5-74

sec: 15 T: 7 R: 2 E

**WELL PURPOSE:**

- **WELL COMPLETION DATA:**
  - (1) diameter (inches): 10 3/4
  - (2) total depth (feet): 184
  - (3) static water level (feet) below top of ground: 66
  - (4) casing steel: 137'
  - (5) screen: 40, 144'
  - (6) pump: 15, 320 gpm
  - (7) electric log: yes or no
    - U.S. G.S.
  - (8) how well bottom plugged: back

**DRILLERS REMARKS:**

- **date well completed:** JAN 1978
- **firm name:** GRINER DRILLING SERVICE
- **county well located:** COPAH
- **description of formations encountered:**
  - Top soil: 3
  - Clay: 3
  - Sand + Gravel: 9
  - Sandy Clay: 6
  - Clay + Sand: 7
  - Sand + Clay: 12
  - Clay + Rocks: 18

**receiver:**

**CODER:**
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. L23-96 AGV

FORM OF WRAP-2 (REV. 09/01)

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Remarks:

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. 6W-1509

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: Copiah County Board of Supervisors
(Name) (SSN or Tax ID No.)

County Courthouse
(Address)

Hattiesburg MS 39402 (601) 894-1858 (Telephone)

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):

\( \frac{1}{4} \) N of the \( \frac{1}{4} \) of Section 15, Township 14N, 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: CITRUSVELLE 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)? ____________, 19____. Under whose name was well originally drilled (if known)? ____________, 19____.

3. Description of proposed or completed well:
   (a) DEPTH OF WELL: 184 feet. DRILLER: Copiah
   (b) SURFACE CASING: Length 137 feet; Diameter 10 3/4 inches; Type STEEL
   (c) SCREEN: Length 128 40 feet; Diameter 8 inches; Type STAINLESS STEEL
   (d) PUMP: Type Vertical Turbine; Capacity 251 gallons per minute; Setting depth 12 5 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) ____________ million gallons per day at a maximum rate of ____________ 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: __________ Cotten: __________ 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 ___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) _____________________ (Volume) _____________________ (Year)
   _____________________ (Volume) _____________________ (Year) _____________________ (Volume) _____________________ (Year)

4. INDUSTRIAL: If the water is to be released into a watercourse, indicate the amount released each year ___5 MILLION GALLONS___
   Rate of release __________: NPDES Permit No. ___MS-0032921___
   Explain any changes in quality of water to be released:
   Water is used for cooling purposes only +treated in an enclosed aeration unit
   Explain how water will be used:
   How much groundwater will be used:

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)

HAZLE HURST, MS. 39083
(City, State, Zip)

601-694-1658
(Telephone)

Subscribed and sworn to before me this ___28__ day of ___September___, 2019, at ___COPAH___ County of ___COPAH___

My commission expires ___

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)

By: KELLY R. LAMPERT
Notary Public
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAX/Dec DATE: 6/15/84
UNIT DEQ #: 82379 FILE #: A0617140
HEALTH DEPT. #: 150018-02 ELEV. 430
USGS #: J66 OLWR #: 1509
OWNER: Copiah Co. Ind. Park
LOCATION: NW 1/8 S 15 T W 5 R 40-W COUNTY: Copiah
LOCATION DESCRIPTION: NW CORNER OF CORRECTIONAL CT.

CASING DIA: 8" PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 31-53-23 LONG. 90-24-05
31-55-45 N 90-23-470 W

GPS CORRECTED LOCATION: LAT. 31-55-26.078 LONG. 90 23 38.623
31.923911 90.394079

REMARKS:

______________________________

Hallman Quad