FORM 9-1642
(4-66)

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

MASTER CARD
Record by: OJ
Source of data: MARWC
Date: 7-9-74

State: CA
County (or town): DeLeata
Sequential number: 1

Latitude: 34° 50' 05" N
Longitude: 092° 01' 37"

Well No.: J85

Local use: SHRINITY WATER

Ownership: County, Fed Govt., City, Corp or Co., Private, State Agency, Water Dist.


Stock, Inctit., Unused, Repurpose, Recharge, Desal-P, Desal-other, Other


DATA AVAILABLE: No
Freq. W/L meas.: 17
Field aquifer char.: 0

Well data: SB
Freq. sampling: yes
Pumpage inventory: no, Period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD
Depth well: 133.7
Casing: 37.9
Drilled: 6744

Finish: (C) (S) (T) (U) (V) (W) (X) (Y) (Z)
Method: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K)
Drilled: Air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive

Date Drilled: 6744
Pump intake setting:

Driller: Carless Well Supply

Lift (type): air, bucket, cent, jet, (cent.)
Method: Labeled above

Power: Diesel

Alt. LSD: 270
Water Level: 102
Date meas.: 674
Yield: 4.8
Method determined: 102

Drawdown:

QUALITY OF WATER DATA:
Iron: 69
Sulfate: 70
Chloride: 77

Sp. Conduct: 302

Taste, color, etc.
HYDROGEOLOGIC CARD

Physiographic Province: 0:3

Subbasin: 1:5 E

Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp,

MAJOR AQUIFER: system 526 series 358 origin 2 aquifer, formation, group 35 35

Lithology: 1 Length of well open to: ft 33 33 Depth to top of: ft 33 33 Thickness: ft 2.87

MINOR AQUIFER: system 359 series 359 origin 2 aquifer, formation, group 35 35

Lithology: 1 Length of well open to: ft 33 33 Depth to top of: ft 33 33 Thickness: ft 

Intervals Screened: 337-379

Depth to consolidated rock: ft 44 44 Source of data:

Depth to basement: ft 55 55 Source of data:

Surficial material: characterization:

Coefficient:

Trans:

Coefficient:

Perm:

See well 574 for location
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 1631, JACKSON, MS  39290-0631; (601) 961-5202

This box is for office use only.

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<td>Dam Inv. No.</td>
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THIS APPLICATION IS FOR (Circle one): NEW PERMIT

RENEWAL - PERMIT NO. J-85

601-57164

601-15164

THIS APPLICATION IS FOR (Circle one): GROUNDWATER

COMPLETE APE

SURFACE WATER

COMPLETE

BEFICAL 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) Office of Environmental Quality

Office of Land & Water Resources

FEB 18 1992

RECEIVED

SEASON A (to be completed by ALL APPLICANTS)

LANDOWNER: NORTH MISSISSIPPI UTILITY COMPANY

(Name)                                                 64-0676172

(SSN or Tax ID No.)

P O BOX 362, 1481 BYHALIA RD

(Address)

HERNANDO MS 38632

(City & Zip)                             (601) 429 - 9509

(Telephone No.)

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

(Name)                                                 

(SSN or Tax ID No.)

( | )

(City & Zip)                             (Telephone)

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

NE 1/4 of the NE 1/4 of Section 16, Township 3S, Range 9W, County DEsoto

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: SPARMA MISSISSIPPI DEPARTMENT OF HEALTH NO.: 170028 - 02

2. Proposed work will begin on JUNE 19, 1974, and will be completed by JUNE 19, 1974. Under whose name was well originally drilled (if known)?

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 260 feet

(b) SURFACE CASING: Length 316 feet; Diameter 8 inches; Type STEEL

(c) SCREEN: Length 20 feet; Diameter 6 inches; Type STAINLESS

(d) PUMP: Type Size 15 HP; Capacity 300 gallons per minute; Setting depth feet

(e) POWER UNIT: Type Size horsepower

4. PERMITTED VOLUME:

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

(b) 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
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) 70,000 2000 75,000 2005 78,000 2010 81,000 2015
   (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): _________
7. REMARKS: _________
   THIS IS A STANDBY WELL _________

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

BILL J ROBERSON
(Name)
P O BOX 362
(Address)
HERNANDO, MS 38632
(City, State, Zip)
601-429-9509
(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.

Bill J Roberson
(Signature)

Subscribed and sworn to before me this _______day of _______ at _______ County of _______.

My commission expires _______. 
(Notary Public)
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

UNIT DEQ #:  84090  FILE #:  60736 23
HEALTH DEPT. #:  170038-02  ELEV.  245
USGS #:  512 J85  OLWR #:  MS-6W - 15764
OWNER:  N. MS. UTIL.  / Chickasaw Bluff
LOCATION:  Selbyville  S T 35 R 9 W  COUNTY:  DeSoto
LOCATION DESCRIPTION:  Well in fenced area between pumphouse & airtor
CASING DIA:  16"  PUMP TYPE & SIZE:  5461
GPS FIELD LOCATION:  LAT. 34-49-718 N  LONG. 90-11-233 W
GPS CORRECTED LOCATION:  LAT. 34.82832401  LONG. 90.18725110
REMARKS:  Take 10 of  Peninsula 304. at.