

WRD Exp. (GW)
April 1966

Well No. 62

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by TNS Source of data Mike Conser Date 1-29-64 Map McLaurin

State 28 County (or town) Forest 18

Latitude: 31 11 12 N Longitude: 08 9 13 10 Sequential number: 1

Lat-long accuracy: 30 S, R 12 Sec 29, SW SE

Local well number: 064 Other number: Well # 2

Local use: 064 Owner or name: U.S. Army Camp Shelby

Owner or name: WAREHOUSE Address: Warehouse Ave.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist 5

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, NU

Use of well: (S) Stock, (T) Instat, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed U

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS 1-10-66

Freq. sampling: Pumpage inventory: yes no period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 550 ft Meas. 6 accuracy 3

Depth cased: ft Casing type: ; Diam. in

Finish: (C) porous concrete, (F) gravel w. (perfor.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other U

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air percussion, (G) rotary, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other U

Date Drilled: 9:50 Pump intake setting: ft

Driller: LAYNE CENTRAL, Jackson, Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): diesel elec nat gas, gasoline, hand, gas, wind; H.P. 100 Trans. or meter no.

Descrip. MP ft above LSD. Alt. MP

Alt. LSD: 301 Accuracy: (source) 3

Water Level: 172 ft above below MP; 172 ft below LSD Accuracy: A

Date meas: 164 Yield: gpm Method determined

Drawdown: ft Accuracy: Pumping period: hrs

QUALITY OF WATER DATA: Iron 12 Sulfate 7.6 Chloride 38 Hard. 33

Sp. Conduct 140 K x 10⁶ 1 Temp. °F Date sampled 1-10-66 166

Taste, color, etc.

215756

03170007

WELL NO.

62

Latitude-longitude N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 13 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: system _____ series TM aquifer, formation, group HA

Lithology: US Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

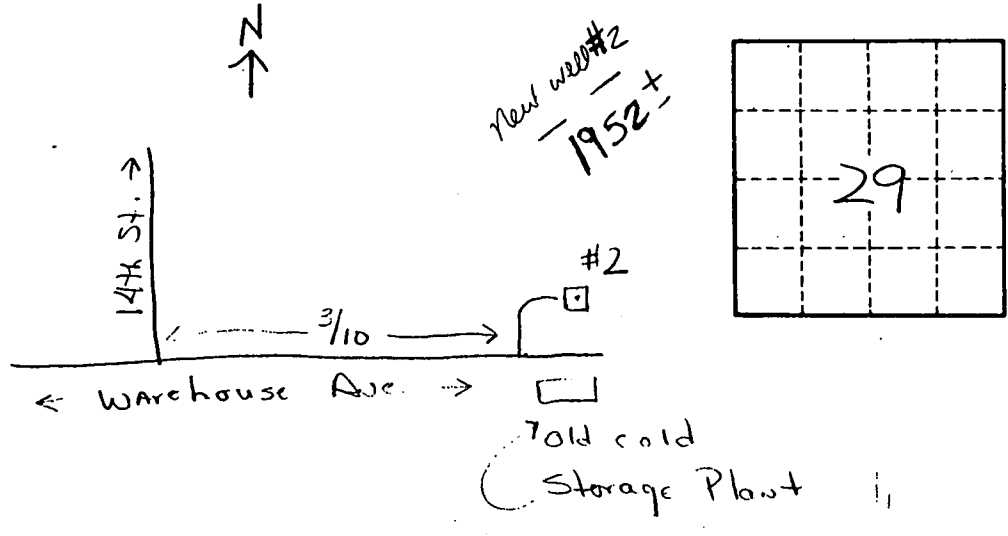
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No.

G2

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

McLaurin Quad.
6/6/96

Hornbeak

USER NAME(S): SA Bishop & CA Hornbeak DATE: 6-9-96

UNIT DEQ #: 82859 / 82859 FILE #: B060618B
~~A060918B~~

HEALTH DEPT. #: 180002-02 ELEV. 299

USGS #: 2094 62 OLWR #: 111

OWNER: Camp Shelby

LOCATION: NE/SW/SE S 29 T 3 N R 12 W COUNTY: Forest

LOCATION DESCRIPTION: 100 ft N Warehouse Ave / N of Bldg # 6890
in Bldg # 6982

CASING DIA: 12" PUMP TYPE & SIZE: Large Elec

GPS FIELD LOCATION: LAT. 31° 11.180 LONG. 89° 13.000
~~31° 11.324~~ ~~89° 13.010~~

GPS CORRECTED LOCATION: LAT. 31.18849525 LONG. 89.21730775

REMARKS: Gps at well

**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.

1-23-96 AGN.

Dept. of Env. & Nat. Resources
FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>1-14-86</u>	Expires: <u>1-14-2006</u>	Fee Paid:	Permit No.
Lat. <u>31-11-17</u>	Long. <u>89-13-01</u>	Elev. <u>290</u>	USGS No.
Quad. <u>McLaurin</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>03170007</u>
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT **RENEWAL** PERMIT NO. MS-GW-00111

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: State of Mississippi - Mississippi Military Department
 (Name) (SSN or Tax ID No.)

NGMS-FMO, P. O. Box 5027
 (Address)

Jackson, MS 39296-5027 (City) (State & Zip) (601) 973-6238 (Telephone No.)

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

Camp Shelby Training Site
 (Name) (SSN or Tax ID No.)

CSTS-DPW Building 1001
 (Address)

Camp Shelby, MS 39407-5500 (City) (State & Zip) (601) 558-2690 (Telephone)

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

SE NE 1/4 of the SW 1/4 of Section 29, Township 03N, Range 12W, County Forrest

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: Miocene MOCN MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180002-02

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.

If well has already been drilled, when was well completed (date)? 31 May, 19 53. Under whose name was well originally drilled (if known)? Annual Training Site, Camp Shelby

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 400 feet. DRILLER: Layne Central Company, Jackson, MS

(b) SURFACE CASING: Length 20 feet; Diameter 10 inches; Type Cast Iron

(c) SCREEN: Length 20 feet; Diameter 8 inches; Type Unknown

(d) PUMP: Type Turbine; Size 8 inch; Capacity 1,000 gallons per minute; Setting depth 260 feet

(e) POWER UNIT: Type Electric Motor; Size 150 horsepower

4. PERMITTED VOLUME:

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

(b) 1.3 million gallons per day at a maximum rate of 1,000 gallons per minute

(CONTINUED ON BACK)

NO MAP

SE

19

900

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. Discription 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 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 1,000-10,000 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?	<u>300,000</u>	<u>2000</u>	<u>360,000</u>	<u>2005</u>	<u>432,000</u>	<u>2010</u>	<u>518,400</u>	<u>2015</u>
	(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): _____

7. **REMARKS:** _____

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

MAJ (P) E. L. Harrington, Jr.

(Name)

CSTS-DPW BLDG 6600

(Address)

Camp Shelby, MS 39407-5500

(City, State, Zip)

(601) 558-2690

(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.

(Signature)

Subscribed and sworn to before me this 19th day of October, 1995, at Camp Shelby County of Forsyth

My commission expires July 21, 1999; Charles B. McPhail Notary Public.

43

44

WELL N-2

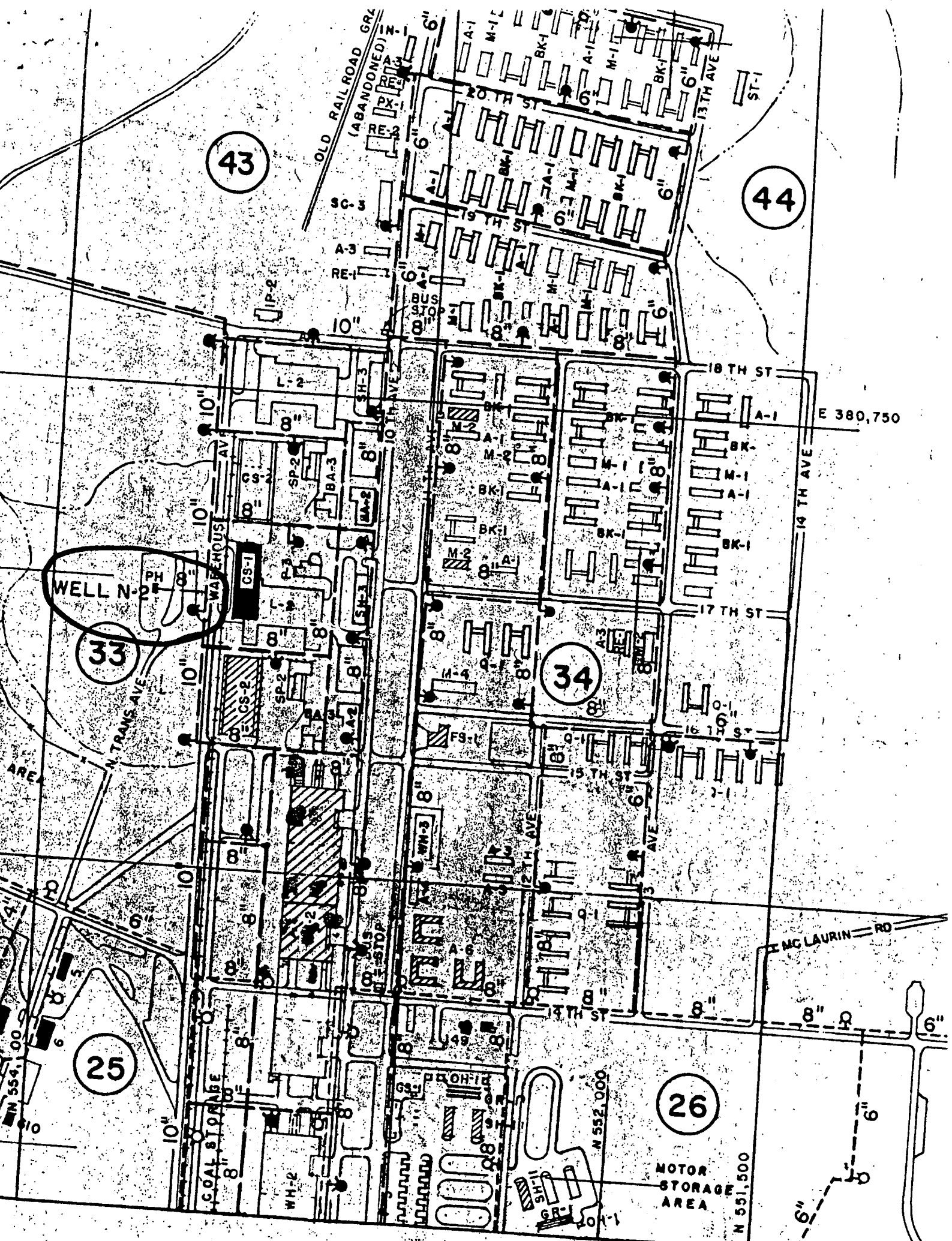
33

34

25

26

OLD RAILROAD GR4
(ABANDONED) N



E 380,750

MOTOR STORAGE AREA
N 551,500

N 552,000

N 554,000

AREA

COAL STORAGE

BUS STOP

MC LAURIN RD

N TRANS AVE

WAREHOUSE AVE

10TH AVE

12TH AVE

14TH AVE

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