

No Driller's log REPLACEMENT 62005-0201  
GW-08025(WA)

WRD Exp. (GW)  
April 1966

WELL SCHEDULE

N4 APR 22 1975  
E109#72 231C

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

SPRT

MASTER CARD

Record by RE. Grantham Source of data E Log + Driv. Date 11-6-67 Map Morton Quad

State Mississippi County (or town) Scott Co

Latitude: 32° 15' 40" N Longitude: 08° 9' 41" W Sequential number: 1

Lat-long accuracy: 3 T. 5 S, R 6 W, Sec 21 NE, NE, NW

Local well number: N0044B2105N06E Other number: \_\_\_\_\_ B & M

Local use: 002072 068 15 Owner or name: Homestead Water Assoc.

Owner or name: HOMESTEAD WA Address: Morton, Miss

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inatit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes,  no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

Log data: E Log 5'-1380 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 132.2 ft Meas. 3

Depth cased; (first perf.): 125.0 ft Casing type: \_\_\_\_\_; Diam. 10x6 in 10

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, open hole, other B

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) percussion, (R) rotary, (S) reverse, (T) trenching, (V) driven, (W) drive wash, other H

Date Drilled: 11-67 967 Pump intake setting: \_\_\_\_\_ ft

Driller: Robert Ratliff, Grenada, Miss

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other T Deep  Shallow

Power (type): diesel,  gas, gasoline, hand, gas, wind, H.P. 60  Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 602.615 602 Accuracy: (source) 20' CI 3

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ MP; \_\_\_\_\_ ft below LSD 360 Accuracy: \_\_\_\_\_ D

Date meas: 268 Yield: \_\_\_\_\_ gpm 435 Method determined 4

Drawdown: \_\_\_\_\_ ft 28 Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs 2

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F 23 Date sampled NO sample 068

Taste, color, etc. \_\_\_\_\_

PUNCHED and VERIFIED!  
ROLLA COMPUTATION BRANCH

Well No. N4

REPLACEMENT  
Well No. **N4**

Latitude-longitude  
d m s d m s  
N S

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**      **Physiographic Province:** \_\_\_\_\_ **Section:** 03

**Drainage Basin:** D      **Subbasin:** 137

**Topo of well site:** (D) depression, (C) stream channel, (E) dunes, (F) flat, (R) hilltop, (K) sink, (L) swamp, (Q) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat      H

**MAJOR AQUIFER:** system \_\_\_\_\_ series TE aquifer, formation, group SS

**Lithology:** US      **Origin:** 2      **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:** Slot      6" SS

**Depth to consolidated rock:** \_\_\_\_\_ ft      **Source of data:** \_\_\_\_\_

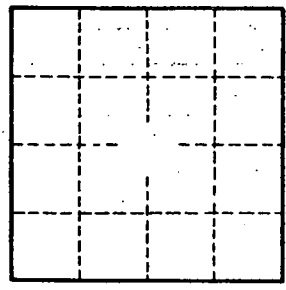
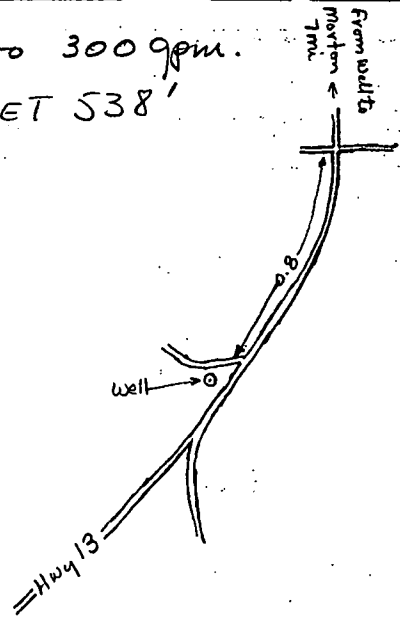
**Depth to basement:** \_\_\_\_\_ ft      **Source of data:** \_\_\_\_\_

**Surficial material:** \_\_\_\_\_      **Infiltration characteristics:** \_\_\_\_\_

**Coefficient Trans:** \_\_\_\_\_ gpd/ft      **Coefficient Storage:** \_\_\_\_\_

**Coefficient Perm:** 710 gpd/ft<sup>2</sup>; **Spec cap:** 15 gpm/ft; **Number of geologic cards:** \_\_\_\_\_

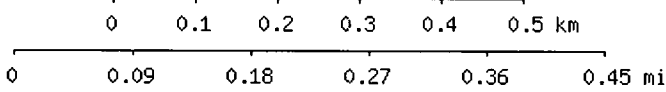
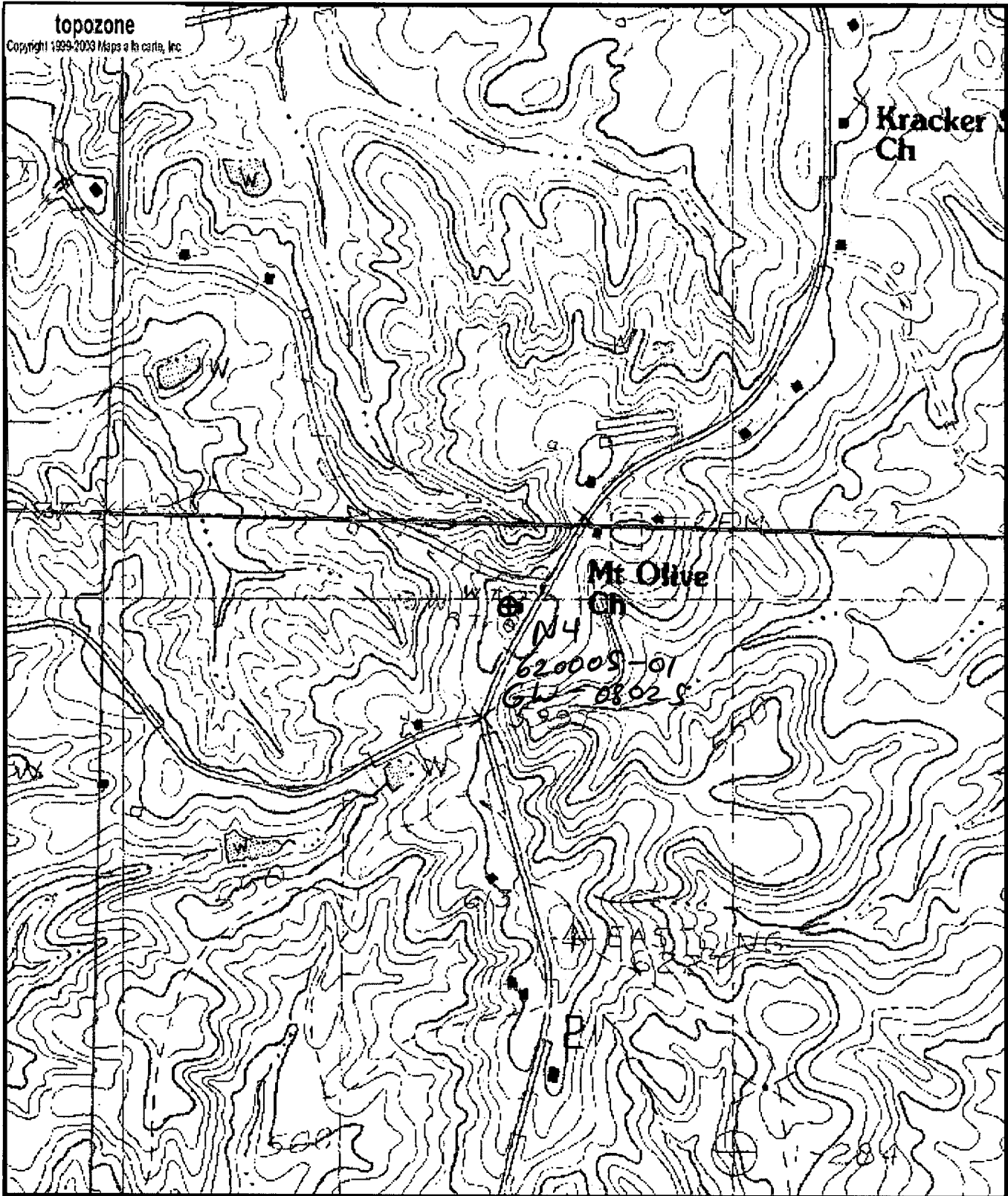
PUMP cut back to 300 gpm.  
5" PUMP SET 538'



look for radio tower & lg. water tank across street from Mt. Olive Church

Well No.

**N4**

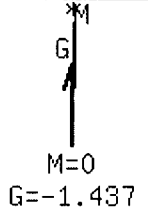


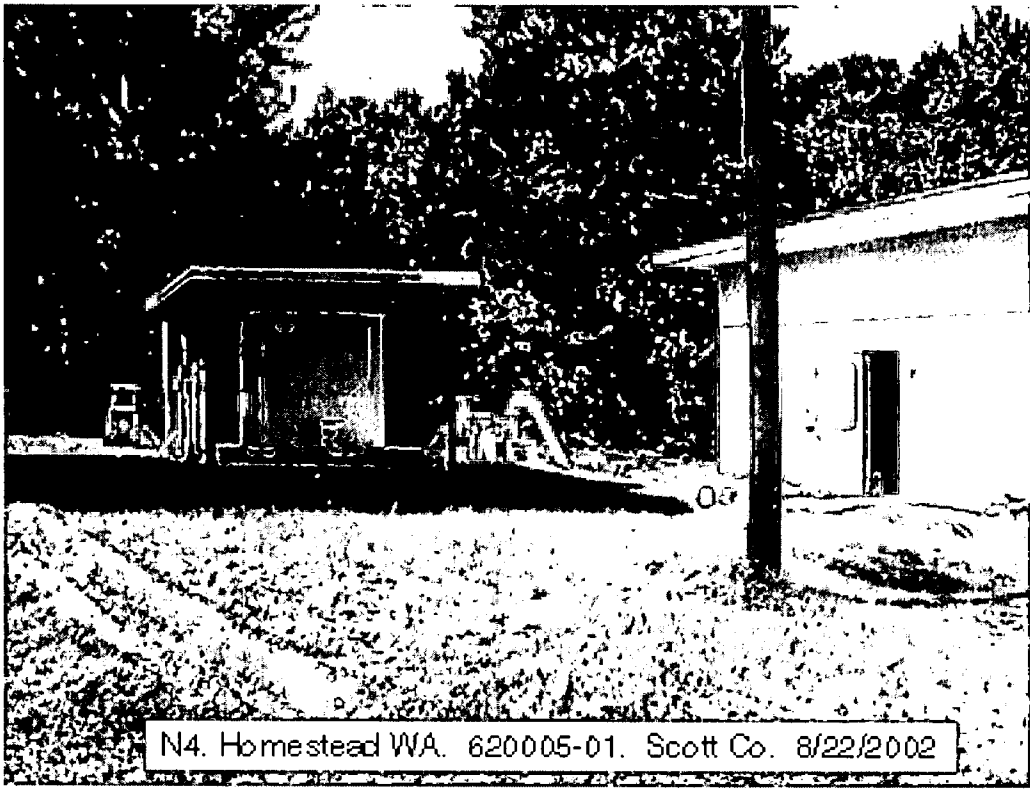
Map center is 32° 16' 01"N, 89° 41' 24"W (WGS84/NAD83)

**Morton** quadrangle

Projection is UTM Zone 16 NAD83 Datum

*ww*  
*8/22/02*





N4. Homestead WA. 620005-01. Scott Co. 8/22/2002

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 4/24/97

UNIT DEQ #: \_\_\_\_\_ FILE #: A042413A

HEALTH DEPT. #: 620005-01 ✓ ELEV. 615

USGS #: N4 ✓ 8/12/04 OLWR #: GW-0802 S ✓ 8/12/04

OWNER: Homestead W.A. QUAD: Morton

LOCATION: NE/NW S 21 T 5 N R 6 E COUNTY: Scott

LOCATION DESCRIPTION: Intersection of Hwy 13 and  
S. Water Tank Rd south of Mt. Olive Church

CASING DIA: 10" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 16.023' N LONG. 89° 41.375' W

GPS CORRECTED LOCATION: LAT. 32.26706543 LONG. 89.68959185

REMARKS: measured 120' NE of well  
South well  
\_\_\_\_\_  
\_\_\_\_\_

Used same GPS file for 620005-01  
and 620005-02. Wells are about 60'  
apart.

*tagged*  
*10/20/04*  
*LWW*  
*32.26686*  
*89.68982*

*Ww* *measured at well*  
*32.26691*  
*8/22/02* *89.68987*  
~~*32.26709*~~  
~~*89.68989*~~

Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-08025

County: SCOTT

Owner: HOMESTEAD WATER ASSOCIATION

Aquifer: SPRT

USGS No: N0004

BOH No: 0620005-01

Location: NE 1/4 of the NW 1/4 of SEC 21 TWN 05N RNG 06E Lat: 321601 Long: 894124

Quad: MORTON

District: N/A

Date Issued: 22-MAY-90

Date Renewed: 09-MAY-00

Date Expired: 09-MAY-10

Applicant: HOMESTEAD WATER ASSOCIATION

Owner: HOMESTEAD WATER ASSOCIATION

Address 1: 1508 FRANKLIN ROAD

Address 1: 1508 FRANKLIN ROAD

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: MORTON

City: MORTON

State: MS Zip: 39117

State: MS Zip: 39117

Driller: GRINER DRILLING SERVICE, INC

Maximum Rate: 200

Amount Withdrawn Acre feet: 56.016

Amount Withdrawn Mgd: .05

**Use**

RURAL WATER  
ASSOCIATION

**Casing**

Type: STEEL

Diameter: 10

Length: 980

**Screen**

Type: STAINLESS STEEL

Diameter: 6

Length: 60