

32

OK agents 43

GW12739  
0610028-02

7/1/96

FORM 9-1642  
(11-68)

3 21826 090 005801

Well No. L59

PUNCHED

WELL SCHEDULE

Elog #408

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION  
229D JACKSON ST SE, 7/2 1975

MASTER CARD

Record by WTO Source of data MSGS Date 3/75 Map \_\_\_\_\_  
 State MS County (or town) Rankin  
 Latitude: 32° 18' 26" N Longitude: 089° 48' 43" W  
 Lat-long accuracy: 2" T 50" S, R 30" W, Sec 5 nr center N/2, NW (SE/4, NW/4, NW/4)  
 Local well number: 1059 00505 N03E Other number: #2  
 Local use: 184408 Owner or name: NE/SE/NE/NW  
 Owner or name: TAYLORSVILLE WA Address: \_\_\_\_\_

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, (T) Instat, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other WA  
 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 W  
 DATA AVAILABLE: Well data  Freq. W/L meas:  Field aquifer char.   
 Hyd. lab. data:   
 Qual. water data; type:   
 Freq. sampling:  Pumpage inventory:  yes; no; period: \_\_\_\_\_  
 Aperture cards:  yes   
 Log data: Elog 37-874 CCRF DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 794 ft Meas. rept. accuracy 3  
 Depth cased (first perf.): Split Screen 723 Casing type: \_\_\_\_\_; Diam. 12x8 in 12  
 Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (perf.), (H) horiz. screen, (I) open end, (J) gallery, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) open hole, (P) other S  
 Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) reverse percussion, (H) air percussion, (I) rotary, (J) trenching, (K) driven, (L) drive wash, (M) other H  
 Date Drilled: 5/75 9/75 Pump intake setting: \_\_\_\_\_ ft 30  
 Driller: Griner Drlg Serv.  
 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): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 40 V Trans. or meter no. \_\_\_\_\_  
 Descrip. MP 404 ft above below LSD, Alt. MP \_\_\_\_\_  
 Alt. LSD: 400 Accuracy: (source) topo 3  
 Water Level: \_\_\_\_\_ ft above below MP; Ft below LSD 216 Accuracy: \_\_\_\_\_ 1  
 Date meas: 5/75 Yield: \_\_\_\_\_ gpm 250 Method determined \_\_\_\_\_  
 Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ hrs \_\_\_\_\_  
 QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm  
 Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

0/23/80  
WL=257.89  
10/26/84  
WL=257.00

Well No. \_\_\_\_\_

Latitude-longitude \_\_\_\_\_ N  
S

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 13T

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

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

Lithology: S Origin: 2 Aquifer Thickness: 75 ft

Length of well open to: 309 S.S. ft Depth to top of: 410 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: \_\_\_\_\_

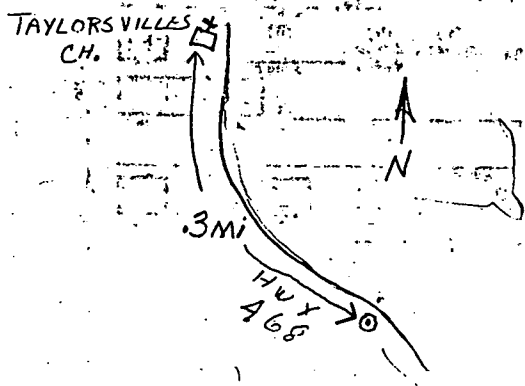
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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

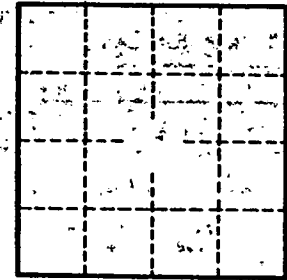
Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

Screen 723' - 743  
743' - 755 - blank  
755' - 765  
765' - 783 - blank  
783' - 794



MP 2" pipe in SW corner of concrete base



TO BRANDON

RANKIN

L59  
E Log # 408  
5175

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

April/MAY 1975 GRINER DRILLING SERVICE RANKIN  
date well completed firm name county well located

LANDOWNER: TAYLORSVILLE

WATER ASSN., WELL  
No. 2  
(mailing address)

WELL LOCATION: Center N/2 NW/4  
sec. 5 T. 5(N) R. 3(E)  
S W

\_\_\_\_\_ miles of \_\_\_\_\_  
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 12 3/4
- (2) total depth (feet) 794 ft. 8 ft. of screen CLAY w/ Rocks from 5' stringer 8 ft. below top of ground.
- (3) static water level (feet) 218' above top of ground.
- (4) casing B.T. 710 (material) (depth)  
12 3/4" (size) If telescope see back.
- (5) screen 40' 723.10 ft. (length) (depth to top)  
8" 304 S.S. (10/12) (GRANITE PACK) (material)
- (6) pump 40 250 (HP) (yield gpm)  
Elect. (type power)
- (7) electric log Yes (yes or no)  
MGS (organization running log)
- (8) how well bottom plugged BACK  
WASH VALVE

description of formations encountered	from to	
TOP SOIL + CLAY	0	3
CLAY	3	60
SAND w/ clay streaks	60	86
CLAY	86	486
SAND w/ shells	486	524
CLAY	524	544
SAND (Fine)	544	592
CLAY	592	652
SAND (Fine)	652	674
CLAY	674	688
SAND (Fine)	688	714
CLAY	714	722
SAND (Fine)	722	776
CLAY + SAND STREAK	776	844
CLAY w/ Rocks	844	890

\* Screen setting  
 723 - 794 - screen  
 765 - 783 - BLANK  
 755 - 765 - screen  
 743 - 755 - BLANK  
 723 - 743 - screen

DRILLERS REMARKS:

MAY 6 1975  
MISS. BD. OF WATER COMMISSIONERS

(X)

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/1/96

UNIT DEQ #: \_\_\_\_\_ FILE #: B070116B

HEALTH DEPT. #: 610028-02 ELEV. @404'

USGS #: L59 OLWR #: GW12739

OWNER: Taylorville W.A. #1 QUAD: Jackson SE

LOCATION: NE/NW S 5 T 5N R 3E COUNTY: Rankin

LOCATION DESCRIPTION: 0.3 mi. south of Taylorville Methodist  
Church on Luckney Rd

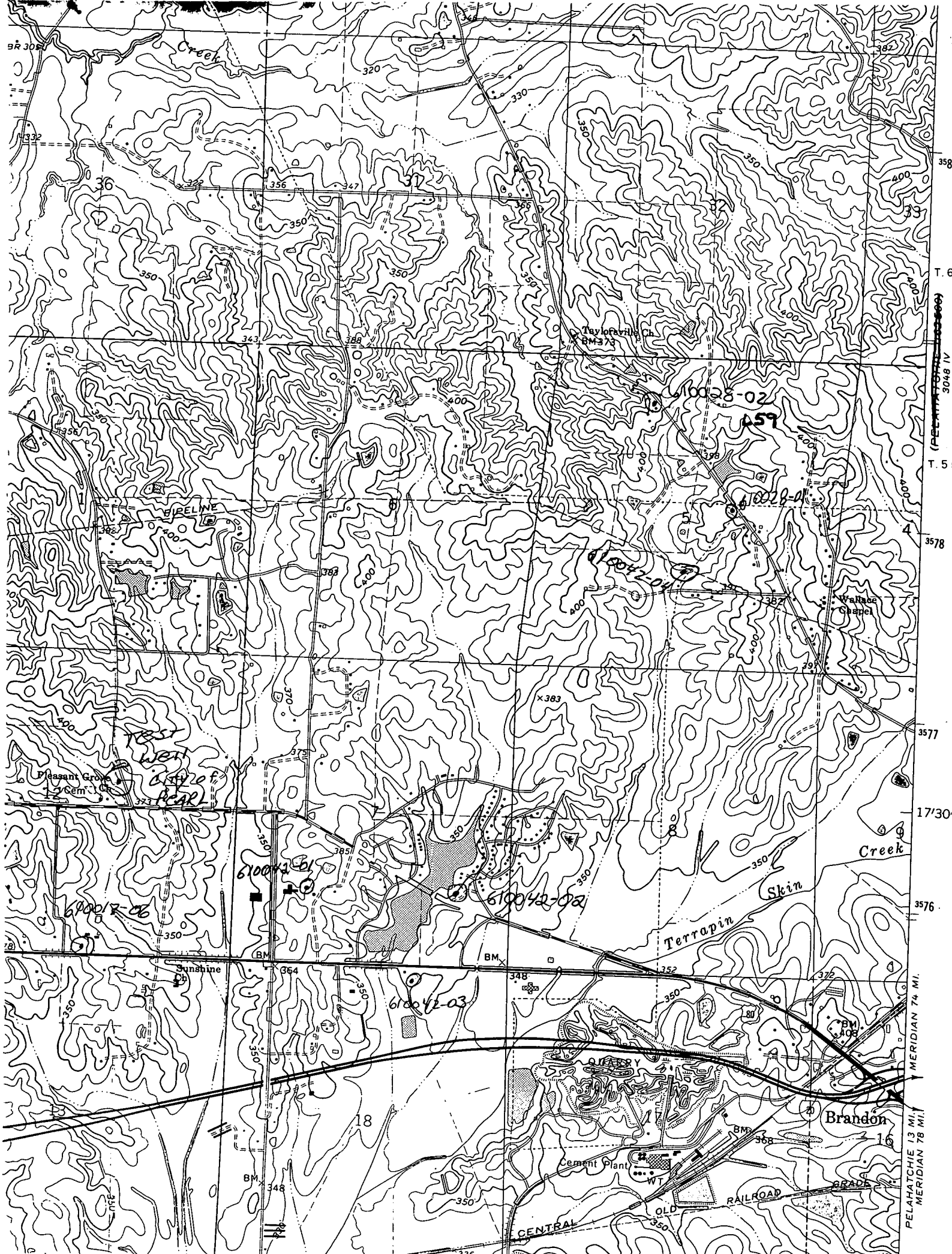
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/40 HP

GPS FIELD LOCATION: LAT. 32° 18' 38.4" N LONG. 90° 00' 54.3" W

GPS CORRECTED LOCATION: LAT. 32.31099020 LONG. 90.01539447

REMARKS: Measured @ 50' West of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



BR 308

332

36

356

356

350

350

350

350

350

320

356

350

343

388

382

370

385

364

348

347

356

350

400

400

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350

350

350

350

350

400

400

350

350

350

350

350

400

400

400

400

350

350

350

350

358

T. 6

T. 51

3578

3577

17/30

3576

MERIDIAN 74 MI.

MERIDIAN 78 MI.

3048 FT. (PERMANENT)

Creek

Taylorville Ch.  
BM 373

PIPELINE

SPACE

Went

Pleasant Grove  
Gem. Co.

PEARL

Sunshine

610042-02  
A57

610042-01

Wallace Chapel

Creek

Skin

Terrapin

BM

Cement Plant

OLD RAILROAD GRADE

Brandon

CENTRAL