

Pleasant Ridge GWS18

DOT # 730004-01  
GPSd 10/20/98 WW

FORM 9-1642  
(1-68)

Well No. E24

WELL SCHEDULE

Elog # 23

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED  
AUG 6 1973

MASTER CARD

Record by WTO, EHB Source of data Obs driller Date 1/19/73 Map Pleasant Ridge

State MISS 218 County (or town) UNION 73

Latitude: 34 34 17 N Longitude: 088 48 50 Sequential number: 1

Lat-long accuracy: 2 T 6 R 45 W. Sec 7 SE NW SE

Local well number: E0248D0706S05E Other number: Test Hole #3

Local use: 005023 Owner or name: KEOWNVILLE 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, (B) Stock, Instit, 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, (B) \_\_\_\_\_ W

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

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

Qual. water data: type: USGS 7/1970

Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_

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

Log data: E log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 818 Meas. 3

Depth cased; (first perf.) split screen 706 Casing type: \_\_\_\_\_; Diam. 10x6 in 10

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

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jett, (F) air percussion, (G) reverse, (H) trenching, (I) driven, (J) drive wash, other 32

Date Drilled: 1-22-73 973 Pump intake setting: \_\_\_\_\_ ft 36

Driller: HERNDON SHANNON

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, other T Deep 40 Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 40 V Trans. or meter no. \_\_\_\_\_

Descrip. MP 665 665 ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 670 Accuracy: topo

Water Level: \_\_\_\_\_ ft above below MP; Ft below LSD 325 Accuracy: \_\_\_\_\_

Date meas: 973 Yield: \_\_\_\_\_ gpm 130 Method determined 31

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

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

Sp. Conduct 300 K x 10<sup>6</sup> \_\_\_\_\_ Temp. 51.95 Date sampled 7-12-78 778

Taste, color, etc. pH = 7.7

To day  
1987  
WL = 412.67  
= 418.6  
11-12-92  
730004-01

11/12/92  
425  
18.35  
40665  
2.25  
40440

See E22

WELL NO.

Well No. E24

Latitude-longitude \_\_\_\_\_

HYDROGEOLOGIC CARD

**RECORDED**

ET 01 a

ON MASTER CARD Physiographic Province: \_\_\_\_\_ Section: 0:3

Drainage Basin: D Subbasin: 16L H

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 K3 aquifer, formation, group CS

Lithology: IS Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 1120 ft Depth to top of: 55 ft 670 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: 706-731-788-818

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: \_\_\_\_\_

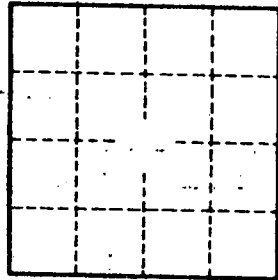
Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well 75' from Layne well (T.H.)

Screens 705-730, 786-816  
Sand packed with #1828 Arcola sd.

Static WL = 325' from driller  
pumping level: 538'



Well No.

425.00  
-18.43  
406.57  
-2.25 WC  
404.32

5 miles to Kennelville

PLEASANT Ridge..

Hwy 30

Hwy

0.8 mi.

Well E24 + E22

438  
22.21  
414.62

431  
22.14  
412.16

435  
23.74  
412.2  
1.0

WL = 325' 9/73  
WL = 403' 10/78

453  
21.53  
444.90

440  
21.13  
418.87

Well E23

**UNION**  
**E24**  
**6-73**  
**ELG 23**

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201  
**WATER WELL DRILLERS LOG**

*Code*

June 19 73 Herndon Well & Supply Co. Union  
 date well completed firm name county well located

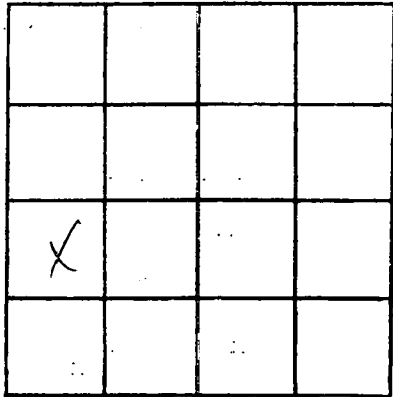
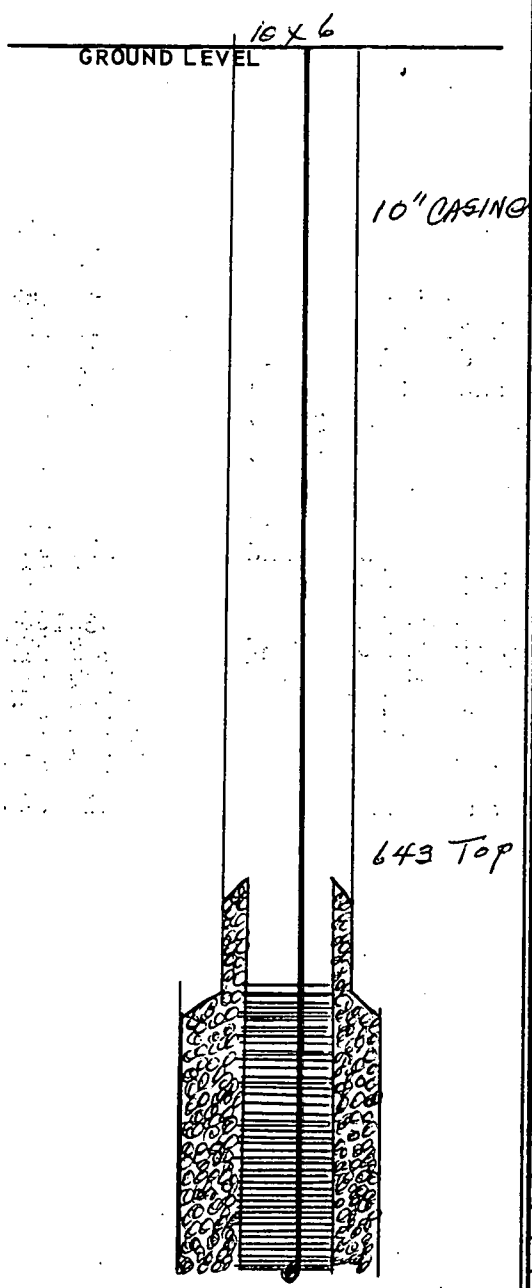
LANDOWNER:	description of formations encountered	from	to
Keownville Water Association	Red Clay	0	15
Baldwyn, Miss. #1	White sand	15	30
(mailing address)	White sand	30	60
	White sand	60	90
WELL LOCATION:	Sand & Blue Rock	90	120
sec. 7 T. 6 N. R. 5 E	Sand & Gray gumbo	120	150
8 miles E of New Albany	Sand & Gray gumbo	150	180
(distance) (direction) (nearest town)	Sand & Gray gumbo	180	210
WELL PURPOSE: Rural System	Gray Gumbo	210	540
(home, irrigation, municipal, industrial)	Gray Gumbo & Sand	540	570
WELL COMPLETION DATA:	Gray Gumbo & Sand	570	600
(1) diameter (inches) 10"	Gray Gumbo	600	630
(2) total depth (feet) 818	Gray Gumbo & Sand	630	660
(3) static water level (feet) 325 below top of ground.	Gray Gumbo & Sand	660	690
(4) casing steel, 706 (material) (depth)	Sand & Shale	690	720
10 (size) If telescope see back.	Sand & Shale	720	750
(5) screen 55' (length) 763 706 (depth to top)	Sand	750	780
6" Stainless Steel (size) (material)	Sand & Gumbo	780	810
(6) pump 40 (HP) 130 (yield gpm)			
Elec. (type power)			
(7) electric log yes (yes or no)			
USGS (organization running log)			
(8) how well bottom plugged 6"			
Backwash valve			
DRILLERS REMARKS:			

JUN 01 1973

MISS. REG. 06  
 MISS. BOARD

(7)

If well telescopes please sketch and show depths.



SECTION 7

Please indicate well location X.

ADDITIONAL INFORMATION

643 Top of Lap  
 63' Lap pipe - 6"  
 706' casing  
 25' screen - Johnson 6"  
 57' Blank  
 30' Screen " "  
 818' Bottom Screen

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): Wayne Williams DATE: 10/20/98  
UNIT DEQ #: \_\_\_\_\_ FILE #: \_\_\_\_\_  
HEALTH DEPT. #: 730004-01 ELEV. 665  
USGS #: E24 OLWR #: GWOOS18  
OWNER: Keownville W.A. QUAD: Pleasant Ridge  
LOCATION: SE NW NW SE S 7 T 6 S R 5 E COUNTY: Union  
LOCATION DESCRIPTION: Down hill from standpipe style tank  
CASING DIA: 10" PUMP TYPE & SIZE: Submersible (was turbine)  
GPS FIELD LOCATION: LAT. 34° 34' 21.5" N LONG. 88° 48' 49.9" W  
GPS CORRECTED LOCATION: LAT. 34.573069 N LONG. 88.813507 W  
REMARKS: There is a test hole casing (probably E22) halfway up hill between this well & the standpipe tank.

