

7/2/96

WRD Exp. (GW)
April 1966

Well No. 233
E Log # 168

WELL SCHEDULE

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

MASTER CARD GW02592 ~~0610042-01~~ 0610003-05 (DOH changed #)

Record by C. Jessup Source of data MSG5 Date 7-21-67 Map Jackson SE

State Miss. County (or town) Rankin 61

Latitude: 32 17 19 N Longitude: 09 00 15 W Sequential number: 1

Lat-long accuracy: 2 T. 50 S. R. 3 W. Sec 7 SW 12 degrees 15 min 11 sec

Local well number: 4033AC0705N03E Other number: B & M

Local use: 064168 Owner or name: Horseshoe Utility

Owner or name: HORSeshoe UTILITY Address: Cross Gate

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other MU

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data:

Qual. water data; type: USGS 3-15-74

Freq. sampling: Pumpage inventory: yes no period:

Aperture cards: yes

Log data: E Log 8-811 ft. Driller's Log (MBOWC) CCKF D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 789 ft 789 Meas. rept accuracy 3

Depth cased: 739 ft 739 Casing type: stul; Diam. 10x6 in 10

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. (I) open (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open (O) hole, (P) other S

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

Date Drilled: 6-19-67 9-6-7 Pump intake setting: ft

Driller: Layne Central Co.

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. 40 Trans. or meter no.

Descrip. MP 369 above ft below LSD, Alt. MP

Alt. LSD: 374 T. 375 Accuracy: (source) 5

Water Level 191' ft above MP; Ft below LSD 191 Accuracy:

Date meas: 6-6-7 Yield: 300 gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

Sp. Conduct 600 K x 10 4 Temp 25.0 Date sampled 377

Taste, color, etc. pH 8.4

Underground hoses

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

233

Well No. 233

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section:

D Drainage Basin: 137 Subbasin: 26

Topo of well site: (D) (C) (E) (F) (H) (K) (L) (N) (P) (S) (T) (U) (V) 27
depression, stream channel, dunes, flat, hilltop, sink, swamp,
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system series TE aquifer, formation, group CØ 30 31

Lithology: US Origin: 2 Aquifer Thickness: ft

153 Length of well open to: ft 50 Depth to top of: ft 65 35 37 38 40 41 43

MINOR AQUIFER: system series 44 45 aquifer, formation, group 46 47

Lithology: 48 49 Origin: 50 Aquifer Thickness: ft

51 53 Length of well open to: ft 54 56 Depth to top of: ft 57 59

Intervals Screened: 739-789'-6" SS

Depth to consolidated rock: ft 60 63 Source of data: 64

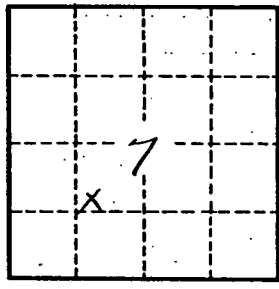
Depth to basement: ft 65 68 Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: gpd/ft 73 75 Coefficient Storage: 76 78

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 79

3 miles W of Brandon



Well No. 233

UP-DATED _____

Rankin
L33
6-67
Elec Log

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

MGS
L1
CODED

WATER WELL DRILLERS LOG

6-19 1967 date well completed
Super Central Co. firm name
Rankin county well located

LANDOWNER:
Horseshoe Utilities Co.

(mailing address)

WELL LOCATION: SW, NE, SW
sec. 7 T. 50 N. R. 3 E
3 miles West of Brandon
(distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 10"
 - (2) total depth (feet) 795'
 - (3) static water level (feet) 191' below above top of ground.
 - (4) casing Steel, 733'
(material) (depth)
10" If telescope see back.
(size)
 - (5) screen 50', 739'
(length) (depth to top)
6", Stainless Steel
(size) (material)
 - (6) pump 40 (HP) (yield gpm)
Electric
(type power)
 - (7) electric log YES
(yes or no)
Miss. Geo. SURVEY
(organization running log)
 - (8) how well bottom plugged _____

description of formations encountered	from	to
Red Clay	0	10
Yellow Clay	10	23
Blue Shale	23	78
LIME	78	106
Hard Clay	106	200
Rock	200	201
Hard Shale	201	510
Sandy Shale	510	530
FINE SAND, STRS. OF Shale	530	560
Shale	560	572
FINE SAND, STRS. OF Shale	572	655
SAND	655	824

DRILLERS REMARKS:
Pump not installed as of this date
Capacity test has not been run



If well telescopes please sketch and show depths.

GROUND LEVEL

SW, NE, SW

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): Hardin / Phillips DATE: 7/2/96

UNIT DEQ #: _____ FILE #: B0702196 G

HEALTH DEPT. #: 610003-05
610042-01 ELEV. 369'

USGS #: L33 OLWR #: GW02592

OWNER: Brandon QUAD: Jackson SE

LOCATION: SW/SW S 7 T 5N R 3E COUNTY: Rankin

LOCATION DESCRIPTION: Near elevated tank by Rankin
General Hospital

CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 50 HP

GPS FIELD LOCATION: LAT. 32°17'13.6"N LONG. 90°02'02.1"W

GPS CORRECTED LOCATION: LAT. 32.28725580 LONG. 90.03381649

REMARKS: Measured @ 30 west of well

