WRD Exp. (GW)
April 1966

Well No. M 24

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J. Shell Source of data ______ Date 11/68 Map ______

State [2 8] County (or town) Harrison [2 4]

Latitude: [3 0 2 6 1 5 N] deg min sec N S Longitude: [0 8 9 0 1 1 5] degrees min sec Sequential number: [3]

Lat-long accuracy: [3] T. 7 (S) R 10 (W) Sec 18, ¼ SE ¼ NW ¼ B & M

Local well number: [M 0 2 4 D B 1 8 0 7 S 1 0 W] Other number: ______

Local use: [0 6 4 ... D64 27] Owner or name: ______

Owner or name: [MISS POWER CO] Address: Handsboro

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

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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [E]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: ______ [Ø] Field aquifer char. [Y]

Hyd. lab. data: ______ [ ]

Qual. water data; type: USGS [P]

Freq. sampling: ______ [ ] Pumpage inventory: yes no, period: ______ [ ]

Aperture cards: ______ yes [ ]

Log data: ______ [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ______ ft [8 4 5] Meas. rept [6] accuracy

Depth cased: (first perf.) ______ ft [7 8 5] Casing type: ______; Diam 24 X 16 X 10 in [2 4]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [S]

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

Date Drilled: [9 5 6] Pump intake setting: ______ ft [ ]

Driller: ______ name, ______ address

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

Power (type): diesel, (elec), nat gas, gasoline, hand, LP gas, wind; H.P. 40 [V] Trans. or meter no. ______

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

Alt. LSD: ______ [2 5] Accuracy: (source) ______ [3]

Water Level +3.72 ft above below MP; Ft (above) below LSD [+ 4] Accuracy: ______ [A]

Date meas: 12/3/64 [D 6 4] Yield: ______ gpm [3 1 7] Method determined [4]

Drawdown: ______ ft [ ] Accuracy: ______ [ ] Pumping period ______ hrs [ ]

QUALITY OF WATER DATA: Iron ______ ppm [ ] Sulfate ______ ppm [ ] Chloride 28 ppm [ ] Hard. ______ ppm [ ]

Sp. Conduct 379 K x 10^6 [3] Temp. ______ °F [ ] Date sampled [ ]

Taste, color, etc. ______

DD
12/11/85
58.00
13.17
44.83
1.30
43.53

M 24

Well No. M 24

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 135 (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series Tm (28–29) aquifer, formation, group MZ (30–31)

Lithology: (32–33) Origin: 3 (34) Aquifer Thickness: ft

90 (35–37) Length of well open to: ft 60 (38–40) Depth to top of: ft (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:

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: 110,000 gpd/ft 114 (73–75) Coefficient Storage: .00065 605 (76–78)

Coefficient Perm: 1200 gpd/ft^2; Spec cap: 27 gpm/ft; Number of geologic cards: (79)

10/28/82

63

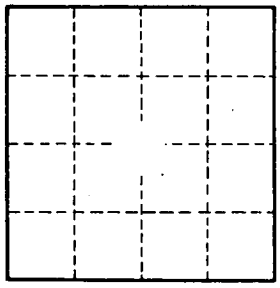
16.87

46.13

-1.3

WL= 44.83 Large pump (M23) going nearby.

Sec M23



temp: 27.5

pH: 9.0

Cond: 460

Well No. M 24

GPO 857-700