WRD Exp. (GW)
April 1966

Well No. J 15

APR 22 1975

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J.A CALLAHAN (E.H. Boswell 2-21-56) Source of data Turner Date 1-6-67 Map Morton Quad.

State Miss [2 8] County (or town) Scott [6 2]

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

Lat-long accuracy: [2] T. 6 N, R 6 E W, Sec 23, ¼, SW ¼, NW ¼

Local well number: J 01 5 C B2 3 06 N 06 E Other number: City #3 B & M

Local use: 064 667 17 Owner or name: TOWN of MORTON

Owner or name: MORTON Address: MORTON Miss

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

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, (Z) Desal-other, Other [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) 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.: [Φ] Field aquifer char. [Z]

Hyd. lab. data: [ ]

Qual. water data; type: USGS 2-15-67 [C]

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

Aperture cards: yes [ ]

Log data: Driller [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 948 ft [9 4 8] Meas. rept Drillers accuracy [3]

Depth cased; (first perf.) ft [6 7 5] Casing type: Steel; Diam. 12X8 in [1 2]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other [3]

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 [A]

Date Drilled: 2/1956 [9 5 6] Pump intake setting: 326 ft [3 2 6]

Driller: Layne-Central Co. (name) Jackson Miss (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 [D]

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

Descrip. MP Air breather hole on North side of pump 12.0 ft above / below LSD, Alt. MP

Alt. LSD: 505 [5 0 5] Accuracy: (source) CI 20 [5]

Water Level 278.89 ft above / below MP; Ft above / below LSD [2 7 7] Accuracy: measured [4]

Date meas: 11/16/66 [N 6 6] Yield: 530 gpm [6 0 0] Method determined [6]

Drawdown: ft [ ] Accuracy: [ ] Pumping period hrs [1]

QUALITY OF WATER DATA: Iron .19 ppm [2] Sulfate 12 ppm [1] Chloride 2.6 ppm [0] Hard. 12 ppm [1]

Sp. Conduct 307 K x 10^6 [3] Temp. °F [7 8] Date sampled [2 6 7]

Taste, color, etc.

11780
300 11.0
288.0
2.0
287.0

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Latitude-longitude 32 21 02 (N) S 089 39 32
d m s d m s

DROGEOLOGIC CARD

AME AS ON MASTER CARD [19] Physiographic Province: [20 03] Section: [21]

[22 D] Drainage Basin: [23 13T 25] Subbasin: [26]

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

OR IFER: Tertiary system, Eocene series [28 T 29 E] Sparta S. aquifer, formation, group [30 SS 31]

hology: Medium Grained Sand [32 3 33 S] Origin: dr [34 2] Aquifer Thickness: 1 ft

[37 96] Length of well open to: prob. 70 ft [38 40] Depth to top of: ft [41 749 43]

OR IFER: system, series [44 45] aquifer, formation, group [46 47]

hology: [48 49] Origin: [50] Aquifer Thickness: ft

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

ervals eened:

th to solidated rock: ft [60 63] Source of data: [64]

th to ement: ft [65 68] Source of data: [69]

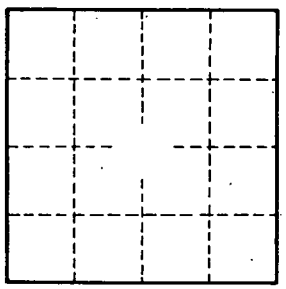
ficial erial: Silty Clay [70 71 P] Infiltration characteristics: Poor [72 4]

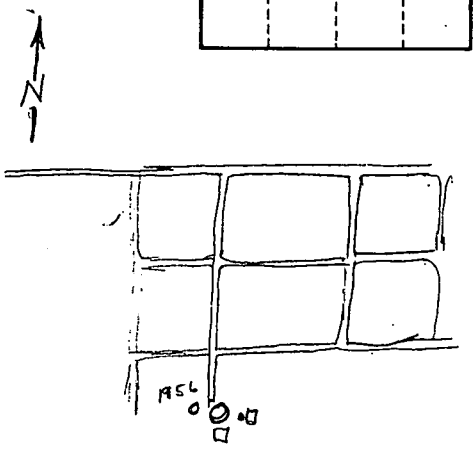
fficient ns: gpd/ft [73 553 75] Coefficient Storage: [76 78]

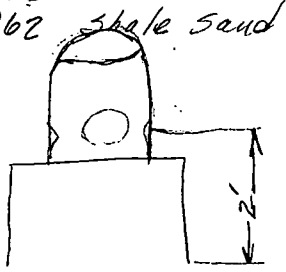
fficient n: 570 gpd/ft^2; Spec cap: 17 gpm/ft; Number of geologic cards: [79]

- 76 Clay
- 81 Hard Shale
- 282 Gummy shale
- 294 Hard shale
- 430 Shale
- 498 Shale with Sand stks
- 515 Hard shale
- 602 Shale with sand stks
- 708 Hard Shale
- 709 Rock
- 719 Hard shale
- 721 Rock
- 749 Hard Shale stk with rock.
- 785 Sand
- 800 Shale with Sand stks
- 812 Hard fine Sand
- 850 Shale with Sand stks.
- 870 Fine Sand with Shale stks
- 946 Sand.
- 962 Shale Sand stks

Water level 254' when drilled 1956







Dia. 72 X 8

Well No. J 15

GPO 857-700