WRD Exp. (GW)
April 1966

Well No. N 39

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by RET + WTO Source of data Mrs. W.F. Elkas Date ____ Map ____

State ____ [2 8] (1 2) County (or town) ____ [7 6] (3 4)

Latitude: [3 3 0 6 2 7 N] (5 deg 7 min 9 sec 11 N/S) Longitude: [0 9 1 0 3 4 1] (12 degrees 15 min 18 sec) Sequential number: [1] (19)

Lat-long accuracy: [2] (20) T. 15 (N) S, R 8 (W) E Sec 31, Irregular ¼ ____ B & M

Local well number: [N 0 3 9 (21-25) 3 1 1 5 (26-30) N 0 8 W (31-34)] Other number: ____

Local use: [(35-51)] Owner or name: W. F. Elkas

Owner or name: [W F E L K A S (52-66)] Address: Leota

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ____ [67] P

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 ____ [68] 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 [69] W

DATA AVAILABLE: Well data [ ] (70) Freq. W/L meas.: ____ [N] (71) Field aquifer char. [72]

Hyd. lab. data: ____ [73]

Qual. water data; type: USGS [74] C

Freq. sampling: ____ [Φ] (75) Pumpage inventory: yes / no, period: ____ [76]

Aperture cards: ____ yes [77]

Log data: ____ [78 79]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1-19) Depth well: 1800± ft [1 8 0 0] (20-23) Meas. (rept) accuracy [24] 6

Depth cased; (first perf.) ____ ft [25-28] Casing type: ____; Diam. ____ in [29 30] 3

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, (W) other ____ [31] 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 ____ [32] H

Date Drilled: ____ (33-35) Pump intake setting: ____ ft (36-38)

Driller: Charles Perkins (deceased) (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 [N] (39) Deep / Shallow [ ] (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. None [ ] (41) Trans. or meter no. ____

Descrip. MP ____ ft above/below LSD, Alt. MP ____

Alt. LSD: ____ [1 1 2] (42-45) Accuracy: (source) ____ [47] 3

People using water. → Water Level +46 only partial pressure ft above/below MP; Ft above/below LSD [ ] (48-51) Accuracy: ____ [52]

Date meas: 5-15-68 [53 55] Yield: ____ gpm [56-60] Method determined [61]

Drawdown: ____ ft [62-64] Accuracy: ____ [65] Pumping period ____ hrs [66-68]

QUALITY OF WATER DATA: Iron ____ ppm [69] Sulfate ____ ppm [70] Chloride ____ ppm [71] Hard. ____ ppm [72]

DS = 1730

Sp. Conduct 3500 K x 10^6 [6] (73) Temp. ____ °F [8 5] (74-76) Date sampled [5 6 8] (77-79)

Taste, color, etc. 5-15-68 (Field pH = 8.0 T = 86°F 7-11-68)

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Latitude-longitude ____ d ____ m ____ s N S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

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

____ E (22) Drainage Basin: ____ 15I (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) V

MAJOR AQUIFER: ____ system, ____ series TE (28–29) Meridian - upper Wilcox aquifer, formation, group MW (30–31)

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

(35–37) Length of well open to: ____ ft (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: ____

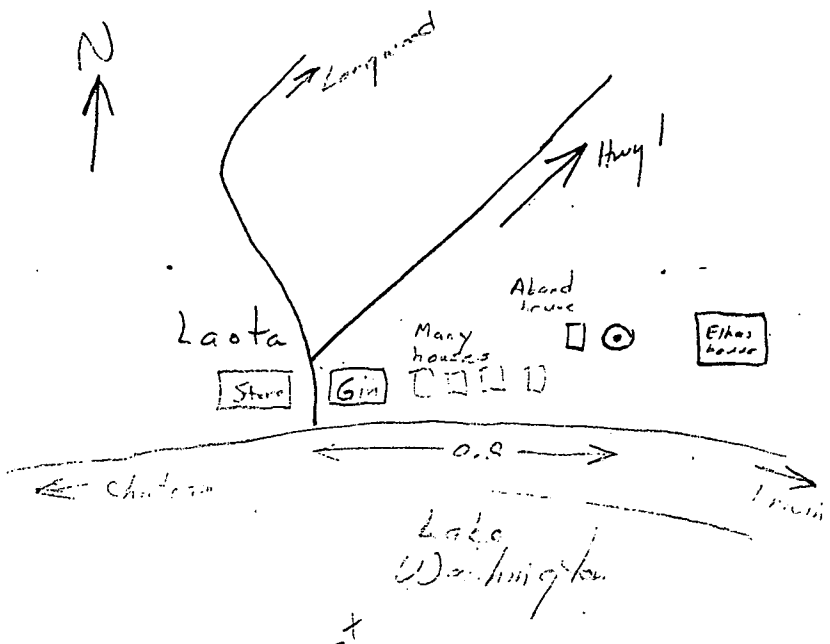
Depth to consolidated rock: ____ ft (60–63) Source of data: ____ (64)

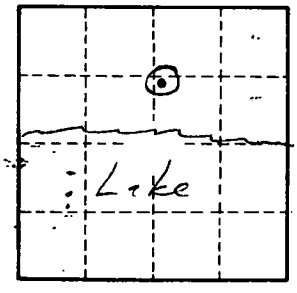
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

Surficial material: ____ (70–71) Infiltration characteristics: ____ (72)

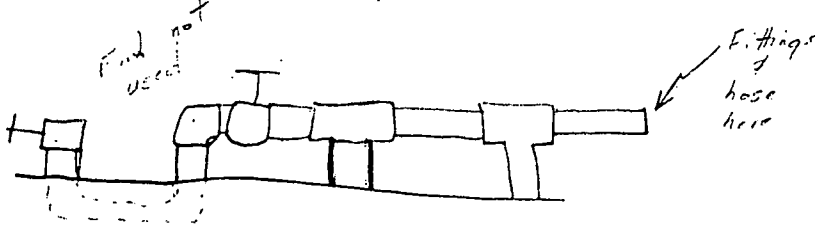
Coefficient Trans: ____ gpd/ft (73–75) Coefficient Storage: ____ (76–78)

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





Distribution line parallels road ... the house and the Gin



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GPO 857–700