

WRD Exp. (GW)
April 1966

Well No. L19

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by OJ Source of data BOWC Date 3-28-68 Map _____

State 28 County (or town) Newton 51

Latitude: 32¹19²55³N⁴ Longitude: 08¹²90¹³25¹⁹3¹⁹

Lat-long accuracy: 3⁷⁰ T. 6⁷¹ S. R. 12⁷² W. Sec 26⁷³, NW⁷⁴, SW⁷⁵

Local well number: 4019⁷⁶ Other number: _____ B & M

Local use: 003⁷⁷ Owner or name: _____

Owner or name: J. W. WALKER⁷⁸ Address: Hickory⁷⁹

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P⁸⁰

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) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other H⁸¹

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. W⁸²

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: _____ yes/no, period: _____

Aperture cards: _____ yes

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 110²⁴ Meas. rept accuracy 3²⁵

Depth cased: (first perf.) _____ ft 104²⁶ Casing type: _____; Diam. _____ in 2²⁷

Finish: (C) concrete, (F) porous gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open gallery, (I) end, (J) other 5²⁸

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air rot., (H) percussion, (I) rotary, (J) reverse trenching, (K) driven, (L) drive wash, (M) other 4²⁹

Date Drilled: 6-17-63 963³⁰ Pump intake setting: _____ ft _____ ³¹

Driller: U. L. Welch³²

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 Deep Shallow 40³³

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) Trans. or meter no.

Descrip. MP _____ ft above _____ below LSD, Alt. MP _____ ³⁴

Alt. LSD: _____ Accuracy: (source) _____ ³⁵

Water Level 30³⁶ ft above MP; Ft below LSD 30³⁷ Accuracy: _____ ³⁸

Date meas: 6.6.3³⁹ Yield: _____ gpm _____ Method determined _____ ⁴⁰

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ ⁴¹

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____ ⁴²

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____ ⁴³

Taste, color, etc. _____ ⁴⁴

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Latitude-longitude N
S
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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: 13P Subbasin: _____

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp, well site: (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: _____ system _____ series TE _____ aquifer, formation, group SS

Lithology: _____ US Origin: _____ 2 Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ Depth to top of: _____ ft 53

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: 2"

Depth to consolidated rock: _____ ft _____ Source of data: _____

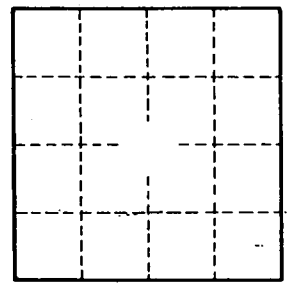
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

1 mile NW of Hickory



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