

P4

E Log # 49

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PURCHASER

Bowc
Arlio Log

MASTER CARD

Record by CJ Source of data MSG 109 Date 3-18-68 Map _____

State Miss. County Holmes (or town) 26

Latitude: 33° 03' 21" N Longitude: 091° 01' 43" W Sequential number: 7

Lat-long accuracy: 3 T 140 S, R 10 Sec 20, NW, NW

Local well number: P 004 206 B 14 N 01 W Other number: _____

Local use: 022049 Owner or name: E. S. FLEMING Address: _____

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: H

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: no: period: _____

Aperture cards: _____

Log data: E Log 6-1640 ft. DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1709 ft Meas. rept accuracy 3

Depth cased: (first perf.) 1669 ft Casing type: Blk pipe; Diam. 4.2 in 4

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

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

Date Drilled: 2-16-68 9:18 Pump intake setting: _____ ft

Driller: David J. Berry name address _____

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other W Deep 0 Shallow 40

Power (type): nat, diesel, elec, gas, gasoline, hand, gas, wind; LP, H.P. Trans. or meter no. 0

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

Alt. LSD: 1110 Accuracy: (source) _____

Water Level Fleming ft above _____ ft below MP; _____ ft below LSD Accuracy: _____

Date meas: 268 Yield: Fleming gpm 60 Method determined 0

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

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

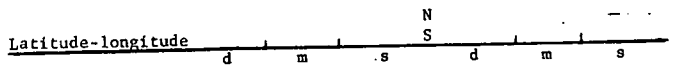
Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

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HYDROGEOLOGIC CARD

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

Drainage Basin: E 15J Subbasin: _____

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

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

Lithology: _____ Origin: Z Aquifer Thickness: 110± ft

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

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: 1669-1709 2" 55

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

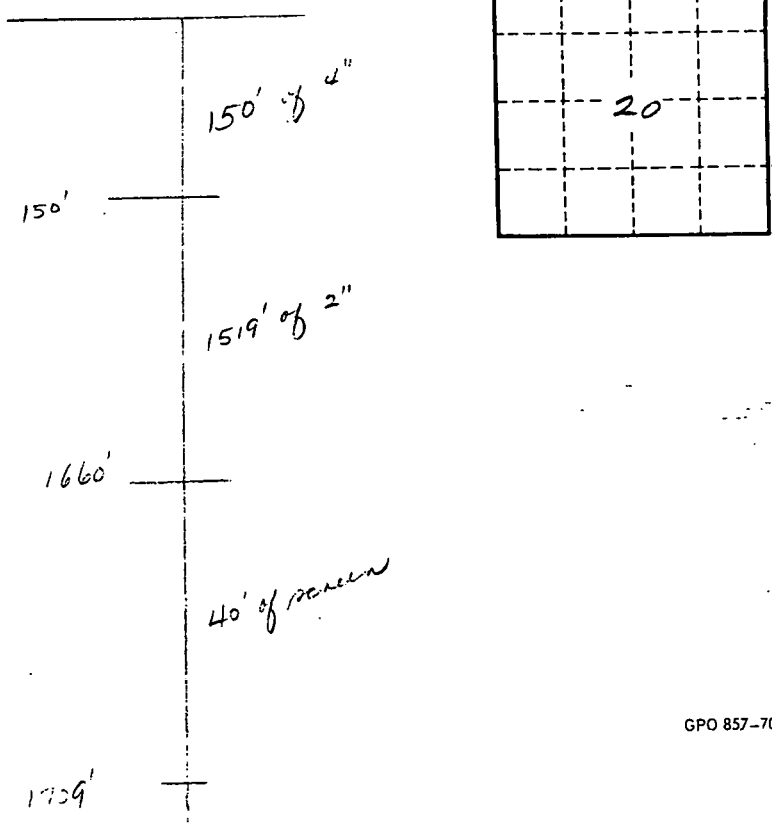
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

1 mile SW of Hamilton



description of formations encountered	from	to
CLAY	0	30
SAND	30	57
GRAVEL	57	126
CLAY	126	188
SAND	188	463
SAND & SHALE	463	588
SHALE / SAND BKS.	588	616
SAND & SANDY SHALE	616	665
SAND	665	706
SAND / SANDY BKS.	706	767
POSS SAND	767	796
SAND	796	817
SHALE / SAND BKS.	817	905
SANDY SHALE	905	973
SHALE	973	1038
SHALE / ROCK	1038	1113
SHALE	1113	1357
SHALE w/ ROCK	1357	1432
SHALE - HARD	1432	1485
SAND w/ SAND	1485	1527
SAND - GRIT SAND	1527	1634
SHALE	1634	1687
SAND	1687	1709