Waverly

FORM 9-1642
(1-68)

Well No. J-64

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOU

PUNCHED
JAN 24 1973

MASTER CARD

Record by J. M. Source of data BOWC Date 8-71 Map

State [28] County (or town) CLAY [13]

Latitude: [33 35 00 N] (deg min sec N/S) Longitude: [088 33 40] (degrees min sec) Sequential number: [1]

Lat-long accuracy: [1] T. 17 (S) R. 7 (W) Sec. 22, NW ¼, NW ¼, SW ¼ B & M

Local well number: J 06 4 BC 2 2 17 S 07 E Other number:

Local use: D2 Owner or name:

Owner or name: ISAAC MELTON Address: West Point

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [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) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Z) Other [H]

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. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

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

Aperture cards: yes [ ]

Log data: [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 340 ft [340] Meas. rept [3]

Depth cased: (first perf.) 30 ft [30] Casing type: Steel; Diam. 5 in accuracy [5]

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

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 71 Pump intake setting: ft

Driller: HERNDON-HOMAN WELL + SUPPLY CO. (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 [ ] Deep [ ] Shallow [ ]

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. ½ [5] Trans. or meter no.

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

Alt. LSD: [205] Accuracy: (source) [S]

Water Level 48 ft above/below MP; Ft above/below LSD [48] Accuracy: [D]

Date meas: 7 71 Yield: 5 gpm [5] Method determined [ ]

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

well No. J-64

Well No. J

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

HYDROGEOLOGIC CARD

PUNCHED ... CARD (1–19)

Physiographic Province: ___ [0 3] (20–21) Section: ___

[illegible stamped date] [1D] (22) Drainage Basin: ___ [1 3 E] (23–25) Subbasin: ___ [ ] (26)

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

MAJOR AQUIFER: ___ system, ___ series [K 3] (28–29) ___ aquifer, formation, group [E Z] (30–31)

Lithology: ___ [ ] (32–33) Origin: ___ [6] (34) Aquifer Thickness: 140 ft

[ ] (35–37) Length of well open to: ___ ft [1 4 0] (38–40) Depth to top of: ___ ft [2 0 0] (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)

X 22

Well No. J-64

GPO 937-142

CLAY
J-64
7-7-71

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

7-7 19 71 — date well completed

Herndon-Homan Well & Supply, Inc.
P. O. Box 42
SHANNON, MISSISSIPPI 38868 — (name)

Clay — county well located

LANDOWNER: Isaac Melton
Route 2
West Point, Miss.
(mailing address)

WELL LOCATION:
sec. 22 T 17 N R 7 E
4 miles E of West Point
(distance) (direction) (nearest town)

WELL PURPOSE: home
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

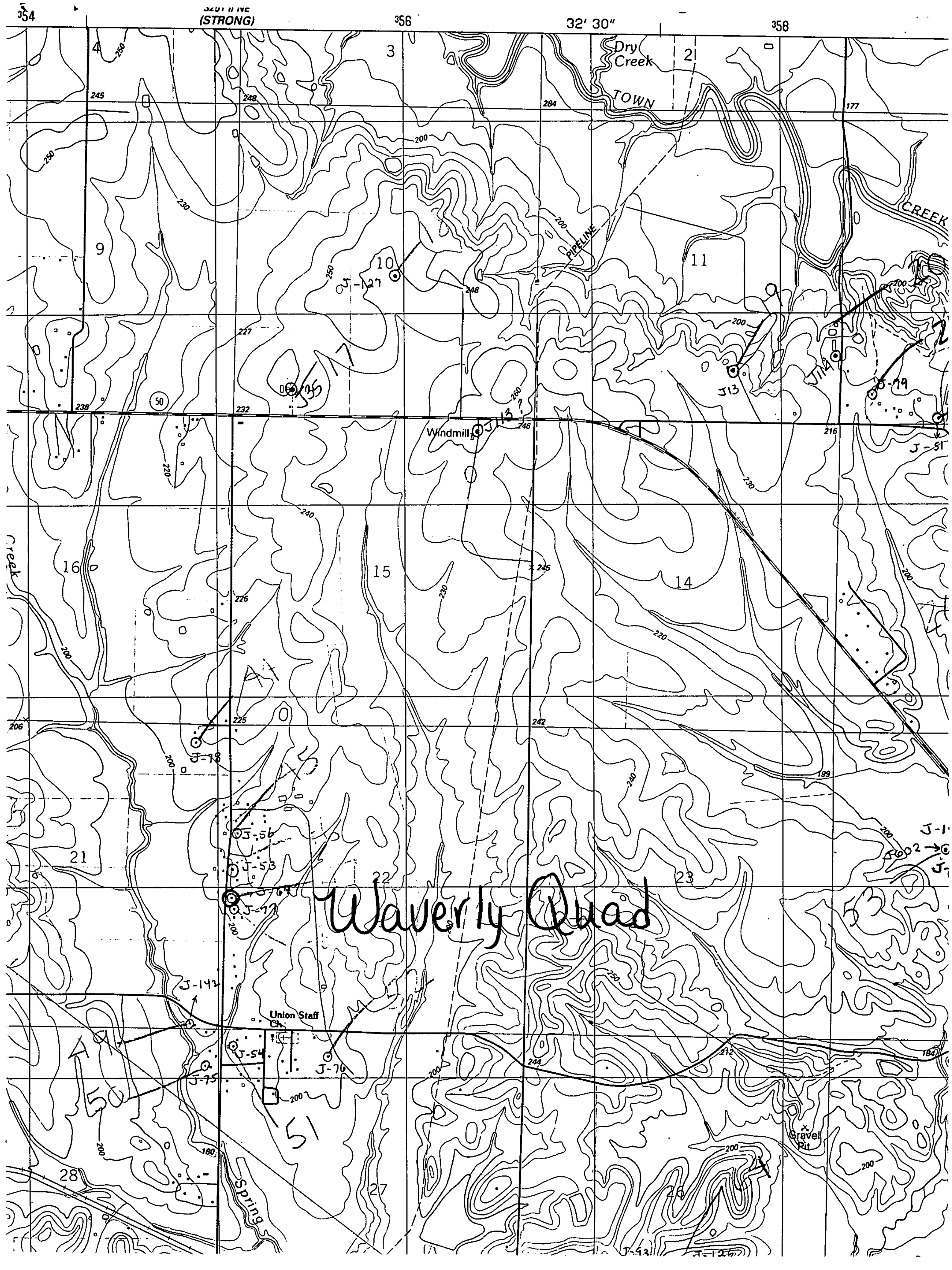
(1) diameter (inches) 5"
(2) total depth (feet) 340'
(3) static water level (feet) 48 below top of ground.
(4) casing Steel (material), 30 (depth), 5" (size) If telescope see back.
(5) screen no (length), ____ (depth to top), ____ (size), ____ (material)
(6) pump 1/2 (HP) 5 (yield gpm) electric (type power)
(7) electric log no (yes or no)
____ (organization running log)
(8) how well bottom plugged Open

DRILLERS REMARKS: Elev. ± 205
est topo 205

description of formations encountered	from	to
Surface sand & clay	0	28
Blue clay	28	200
Sand	200	340
Bottom	340	

CODED

[stamp:] ... 1971 MISS. BD. OF WATER COMM.



(STRONG)
354
356
32′ 30″
358
Dry Creek
TOWN
CREEK
PIPELINE
Windmill
Union Staff Ch.
Gravel Pit
Spring
Creek
Waverly Quad