FORM 9-1642
(1-68)

Well No. E19

WELL SCHEDULE

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

Houston W. Quad

PUNCHED

MASTER CARD

Record by JCM Source of data BOWC Date 4-72 Map

State 28 County (or town) Chickasaw 09

Latitude: 3 3 5 6 4 2 N S Longitude: 0 8 9 0 5 2 9 (deg min sec; degrees min sec) Sequential number: 1

Lat-long accuracy: 2 T. 13 N S R. 2 E W, Sec 21, SW ¼, SW ¼, NE ¼ B & M

Local well number: E 0 1 9 G A 2 1 1 3 S 0 2 E Other number:

Local use: 1 3 9 Owner or name:

Owner or name: G E O M O O N E Y H A M Address: Houston

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) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) 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: no, yes, period:

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 3 0 5 Meas. rept accuracy 3

Depth cased (first perf.) ft 8 4 Casing type: Steel; Diam. in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) 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 7 2 Pump intake setting: ft

Driller: P & S (Sam Smith) 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 — S Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1 — S Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: Accuracy: (source)

Water Level ft above below MP; Ft above below LSD 8 0 Accuracy: D

Date meas: 2 7 2 Yield: gpm 6 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. E19

Well No. _____

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

HYDROGEOLOGIC CARD

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

D (22) Drainage Basin: _____ 156 (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, K3 (28–29) _____ aquifer, formation, group, RI (30–31)

Lithology: _____ S (32–33) Origin: _____ 6 (34) Aquifer Thickness: 15 ft

(35–37) Length of well open to: _____ ft 15 (38–40) Depth to top of: _____ ft 290 (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: None

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)

GP O 937-142

CHICKASAW
E19
2-14-72

CODED

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

MAR 23 1972

SAM SMITH

WATER WELL DRILLERS LOG

Feb 14 1972 — date well completed
TES Drlg. Co. — firm name
Chickasaw — county well located

LANDOWNER: George Mooneyham
STAR Route
Houston, Miss.
(mailing address)

WELL LOCATION:
sec. 21 T 13 N R 2 E W
5 miles West of Houston
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 4
(2) total depth (feet) 305
(3) static water level (feet) 80 below above top of ground.
(4) casing STEEL (material), 84 (depth),
no (size) if telescope see back.
(5) screen none (length), (depth to top)
(size), (material)
(6) pump 1 (HP) 6 (yield gpm)
Elect (type power)
(7) electric log no (yes or no)
(organization running log)
(8) how well bottom plugged Earth

DRILLERS REMARKS:

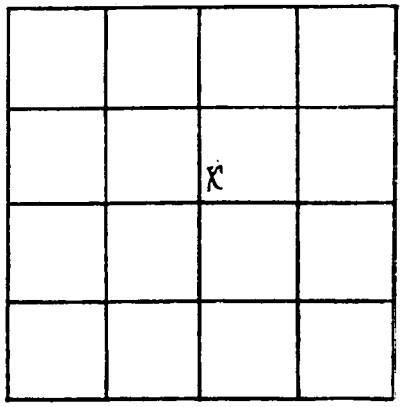
description of formations encountered	from	to
Surface + Clay	0	20
Blue Clay, Sh.	20	150
White Clay	150	290
Wilcox Sd.	290	305

CODED

CODED

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.