FORM 9-1642
(1-68)

Well No. H-46 b

FILE COPY

WELL SCHEDULE

Elog # 25

PUNCHED

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

PUNCHED DEC 7 1972

PUNCHED JAN 24 1973

MASTER CARD

Record by Grantham Source of data Dth. & Obs. Date 5/25/62 Map

Water Level Data

11/18/82
WL = 71.48

State 28 County (or town) 13

Latitude: 33 37 12 N deg min sec N S Longitude: 088 38 46 12 degrees 13 min sec 18 Sequential number: 1

Lat-long accuracy: 1 T 17 N S R 6 W, Sec 11, NE ¼, NE ¼, NW ¼ B & M

Local well number: H 04 6 AB 1 1 7 S 06 E Other number:

Local use: D 09025 Owner or name:

Owner or name: WEST POINT Address:

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

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 U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. O

1987
8/20/87
WL = 86.84

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

Hyd. lab. data:

Qual. water data; type: USGS 6/22/62 C

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

Aperture cards: yes

Log data: D E

Observation well

1978
9/8/78
WL = 57.8

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 710 ft Meas. rept 6

Depth cased; (first perf.) ft 750 Casing type: ; Diam. 6 x 6 in 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Q) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 5

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: 6/6/62 9 6 2 Pump intake setting: ft

Driller: Carlos name, Memphis 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 T Deep Shallow

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

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 237 Accuracy: (source) 5

Water Level 28.95 ft above below MP; Ft above below LSD 28 Accuracy: A

Date meas: 7 6 3 Yield: 430 gpm 430 Method determined 4

Drawdown: ft Accuracy: Pumping period hrs 17

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride 8 ppm Hard. ppm

Sp. Conduct 105 K x 10^6 Temp. 71 °F Date sampled 6 6 2

Taste, color, etc.

Well No.

Well No. ____________________

Latitude-longitude: N/S — d m s — d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

DEC 7 1977

Physiographic Province: ____ 0 3 (20–21) Section: ____

Drainage Basin: D — 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 — U (27)

MAJOR AQUIFER: system ____, series ____ K 3 (28–29) aquifer, formation, group ____ G Φ (30–31)

Lithology: ____ U S (32–33) Origin: ____ 2 (34) Aquifer Thickness: ____ ft

90 (35–37) Length of well open to: ____ ft 60 (38–40) Depth to top of: ____ ft 730 (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: ____

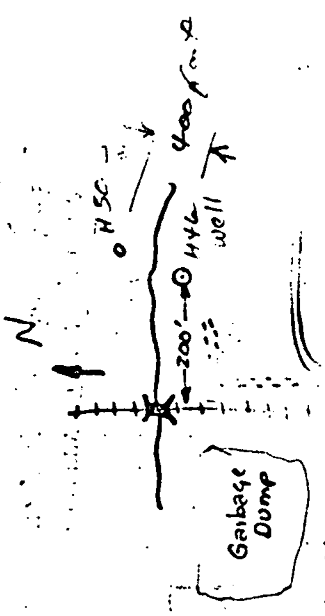
Depth to consolidated rock: ____ ft (60–63) Source of data: ____ (64)

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

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

Coefficient Trans: 160,000 gpd/ft 1 6 4 (73–75) Coefficient Storage: .0001 1 0 5 (76–78)

Coefficient Perm: ____ gpd/ft^2; Spec cap: 18 gpm/ft; Number of geologic cards: ____ (79)



0-2 Top Soil
2-12 Tuff yellow clay
12-22 Blue Sh
22-23 Rock
23-30 Hard Sh
30-67 Blue Sh (softer than Rock)
67-135 Hard Sh
135-157 Real Hrd. Sh layers Rock Strks Sd
157-167 Hard Clay
167-180 Sand Hard then layer Rock Shells
180-202 Sdy Sh
202-247 Soft sdy Sh
247-270 Hard Sh Strk Sd (Real Fine)
270-282 Sh. Strk. Sd.
282-283½" Rock Soft
283½-292 Sd Strk Sh
292-325 Sand No Strks
325-337 Sd Hard
337-347 Sdy Sh then Rock
347-[illegible] Strk Sh
360-[illegible] Rock Soft
361-369 Sd Strks Sh
369-380 Hard Sh
380-392 Sd
392-407 Sd with thin Strk sh
407-414 Sdy Sh
414-437 Hard Sh
437-459 Hard Sh with Soft Spots
459-470 Sdy Sh
470-493 Hard Black Sh with Small Gravel

137-142

493-516 Brown clay (Some Gravel in it)
516-540 Hard Clay St. Sd.
540-562 Hard Sdy Clay
562-586 Hard [illegible]
586-594 Sd Coarse
594-608 X Hard Sh
608-623 Hard Sd
623-628 Sd
628-630 Sh
630-645 Hard Sh

E Log →

Well No.