

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by JCM Source of data BOWC Date 10-72 Map _____

State 28 County (or town) Lauderdale 38

Latitude: 323315N Longitude: 0885105 Sequential number: 1

Lat-long accuracy: 3 T 8 S, R 14 W, Sec 10, SW, NE

Local well number: A069CA1008N14E Other number: _____

Local use: 320 Owner or name: _____

Owner or name: ED SPEARS Address: Collinsville

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec. (S) (T) (U) (V) (W) (X) (Y) (Z) H

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

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: _____

Temperature cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 300 ft Meas. rept accuracy 3

Depth cased; (first perf.): 159 ft Casing type: metal Diam. in 4

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, end, open perf., screen, sd. pt., shored, open hole, other S

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

Date Drilled: 7-7-72 Pump intake setting: _____ ft

Driller: Williamson address _____

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

Power (type): diesel, ~~elec~~, gas, gasoline, hand, gas, wind, H.P. 1/2 S Trans. or meter no. _____

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

Alt. LSD: _____ Accuracy: (source) _____

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

Date meas: 3-7-72 Yield: _____ gpm Method determined _____

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. _____

Well No. A69

Well No. _____

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

HYDROGEOLOGIC CARD

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

22 Drainage Basin: 23 24 130 Subbasin: 25 _____ 26

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

MAJOR AQUIFER: 28 29 TE system series aquifer, formation, group TW 30 31

Lithology: 32 33 S Origin: 34 6 Aquifer Thickness: 45 ft

35 Length of well open to: 36 37 45 ft 38 40 45 Depth to top of: 41 43 255 ft

MINOR AQUIFER: 44 45 system series aquifer, formation, group 46 47

Lithology: 48 49 Origin: 50 Aquifer Thickness: _____ ft

51 Length of well open to: 52 53 _____ ft 54 56 _____ Depth to top of: 57 59 _____ ft

54 Intervals Screened: None

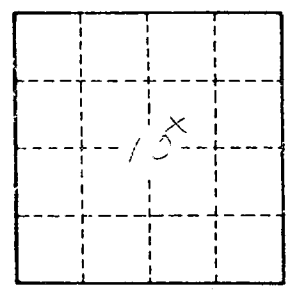
55 Depth to consolidated rock: 56 57 _____ ft 58 60 _____ Source of data: 61 63 _____

59 Depth to basement: 60 61 _____ ft 62 64 _____ Source of data: 65 67 _____

66 Surficial material: 67 68 _____ Infiltration characteristics: 69 71 _____

70 Coefficient Trans: 71 72 _____ gpd/ft 73 75 _____ Coefficient Storage: 76 78 _____

74 Coefficient Perm: 75 76 _____ gpd/ft; 2 Spec cap: _____ gpm/ft; Number of geologic cards: 77 79 _____



Well No. A67