PUNCHED
MAY 27 1975

FORM 9-1642
(1-68)

Well No. J53

WELL SCHEDULE

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

MASTER CARD

Record by GJD Source of data BOWC Date 1-16-73 Map

State [28] County (or town) DeSoto [17]

Latitude: 34 49 45 N (deg 7 min 9 sec 11) Longitude: 090 09 20 (12 degrees 15 min sec 18) Sequential number: 1 (19)

Lat-long accuracy: 5 (10) T ___ N S, R ___ E W, Sec ___, ___ ¼, ___ ¼, ___ ¼ ___ B & M

Local well number: J 0 5 3 B A 1 6 0 3 S 0 9 W (J1 25 30 34) Other number: ___

Local use: 100 (35 40 45 51) Owner or name: ___

Owner or name: LEON SMITH (37 56 61 66) Address: Eudora

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ___ (67) 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 ___ (68) 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. (69) W

DATA AVAILABLE: Well data (70) Freq. W/L meas: ___ (71) Field aquifer char. (72)

Hyd. lab. data: ___ (73)

Qual. water data; type: ___ (74)

Freq. sampling: ___ (75) Pumpage inventory: yes no, period: ___ (76)

Pic. ture cards: ___ yes (77)

Log data: ___ (78 79) D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (19) Depth well: ___ ft (20 23) 100 Meas. rept accuracy ___ (24) 3

Depth cased: (first perf.) ___ ft (25 28) 93 Casing type: ___; Diam. ___ in (29 30) 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (W) open hole, (Z) other ___ (31) S

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 ___ (32) H

Date Drilled: 9 6 6 (33 35) Pump intake setting: ___ ft (36 38)

Driller: Harris Bros (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 (39) Deep ___ Shallow ___ (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 S (41) Trans. or meter no. ___

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

Alt. LSD: ___ (42 45) Accuracy: (source) ___ (47)

Water Level ___ ft above below MP; Ft above below LSD 60 (48 51) Accuracy: ___ (52) D

Date meas: ___ (53) 7 6 6 (55) Yield: ___ gpm 7 (56 60) Method determined ___ (61)

Drawdown: ___ ft (62 64) Accuracy: ___ (65) Pumping period ___ hrs (66 68)

QUALITY OF WATER DATA: Iron ___ ppm (69) Sulfate ___ ppm (70) Chloride ___ ppm (71) Hard. ___ ppm (72)

Sp. Conduct ___ K x 10^6 (73) Temp. ___ °F (74 76) Date sampled ___ (77 79)

Taste, color, etc. ___

Well No. J53

U.S. G.P.O. 1972/720-793/96/1303

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: _____ 15E (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 TE (28–29) _____ aquifer, formation, group SJ (30–31)

Lithology: _____ US (32–33) Origin: _____ 2 (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: _____ ft 7 (38–40) Depth to top of: _____ ft 85 (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)

Well No. 453