SE Pontotoc

FORM 9-1642 (1-68)

Well No. G2

WELL SCHEDULE

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

PUNCHED AUG 6 1973

MASTER CARD

Record by: TNS — Source of data: Owner — Date: 7/56 — Map:

State: 28 — County (or town): PONTOTOC 58

Latitude: 34 13 44 N — Longitude: 098 55 59 — Sequential number: 1

Lat-long accuracy: 3 — T 10 S — R 3 E — Sec ~~10~~ 11 — ~~SW~~ SE SW NW — ~~SE~~ ¼, ~~NE~~ ¼ — B & M

?? Loc prob. in sec 11 SE, SW, NW (by sketch)

Local well number: G002DA10L0503F — Other number:

Local use:

Owner or name: T T DUKE — Address:

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.: O — Field aquifer char.

Hyd. lab. data:

Qual. water data; type: Anal 10-18-62 — P

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

Aperture cards: Screened? — yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 760 ft (-310) — Meas. rept — accuracy: 6

Depth cased (first perf.): 150 ft — Casing type: — Diam. 4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) 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: 950 — Pump intake setting: ft

Driller: Ray Leapor (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. — Trans. or meter no.

Descrip. MP: 450 ft above below LSD, Alt. MP

Alt. LSD: 430 — Accuracy (source): 5

Water Level: ft above below MP; Ft above below LSD: 160 — Accuracy: G

Date meas: 50 — 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 10[6] — Temp. °F — Date sampled

Taste, color, etc.

Well No.

Well No. _____

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

HYDROGEOLOGIC CARD

[ ] CARD 19 Physiographic Province: _____ [0 3] 20 21 Section: _____

[D] 22 Drainage Basin: _____ [1 3 C] 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 [1 C 3] 28 29 _____ aquifer, formation, group [C Q] 30 31

Lithology: _____ [S] 32 33 Origin: _____ [6] 34 Aquifer Thickness: _____ ft

[ ] 35 37 Length of well open to: _____ ft [ ] 38 40 Depth to top of: _____ ft [ ] 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

By this sketch well is prod. in SW/4, NW/4 sec 4 - 10S-3E

S.P.S.

well

house

Well No.

Sketch from old well schedule

GP O 937-142

Miss 342

Ark 71