Myrtle

Jul 1975

FORM 9-1642
(1-68)

Well No. C 42

WELL SCHEDULE

E log # 30

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

MASTER CARD

Record by: D Source of data: Obs driller Date: 11-13-73 Map: ~~Blue M. Quad~~ Myrtle 7.5"

State: MISS. 28 County (or town): UNION 103

Latitude: 34 30 39 N Longitude: 089 07 58 Sequential number: 1

Lat-long accuracy: 2 T 6 S R 3 E Sec 31 NW ¼, SE ¼, SW ¼, SW ¼ Prob. NW SE SW, SW

Local well number: C 04 2 CC 3 1 06 S 03 E Other number: T.H. #3

Local use: 027 Owner or name:

Owner or name: NEW ALBANY 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) Ind, (N) P S, (P) 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, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed: Z

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:

Aperture cards: yes

Log data: E log 796' - 890' 900' - 1156' E

WELL-DESCRIPTION CARD

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

Depth cased: (first perf.) ft Casing type: ; Diam. 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

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

Date Drilled: Pump intake setting: ft

Driller: Webb (name) Belden, Miss. (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): (A) nat gas, (D) diesel, (E) elec, (G) gasoline, (H) hand, (L) LP gas, (W) wind; H.P. Trans. or meter no.

Descrip. MP 395 ft above below LSD, Alt. MP

Alt. LSD: 390 Accuracy: (source) topo 4

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

Date meas: 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 Temp. °F Date sampled

Taste, color, etc.:

Well No.

Well No. _____

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19)

Physiographic Province: _____ (20–21)

Section: _____

_____ (22) Drainage Basin: _____ 15F (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 (28–29) _____ aquifer, formation, group (30–31)

Lithology: _____ (32–33) Origin: _____ (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: _____

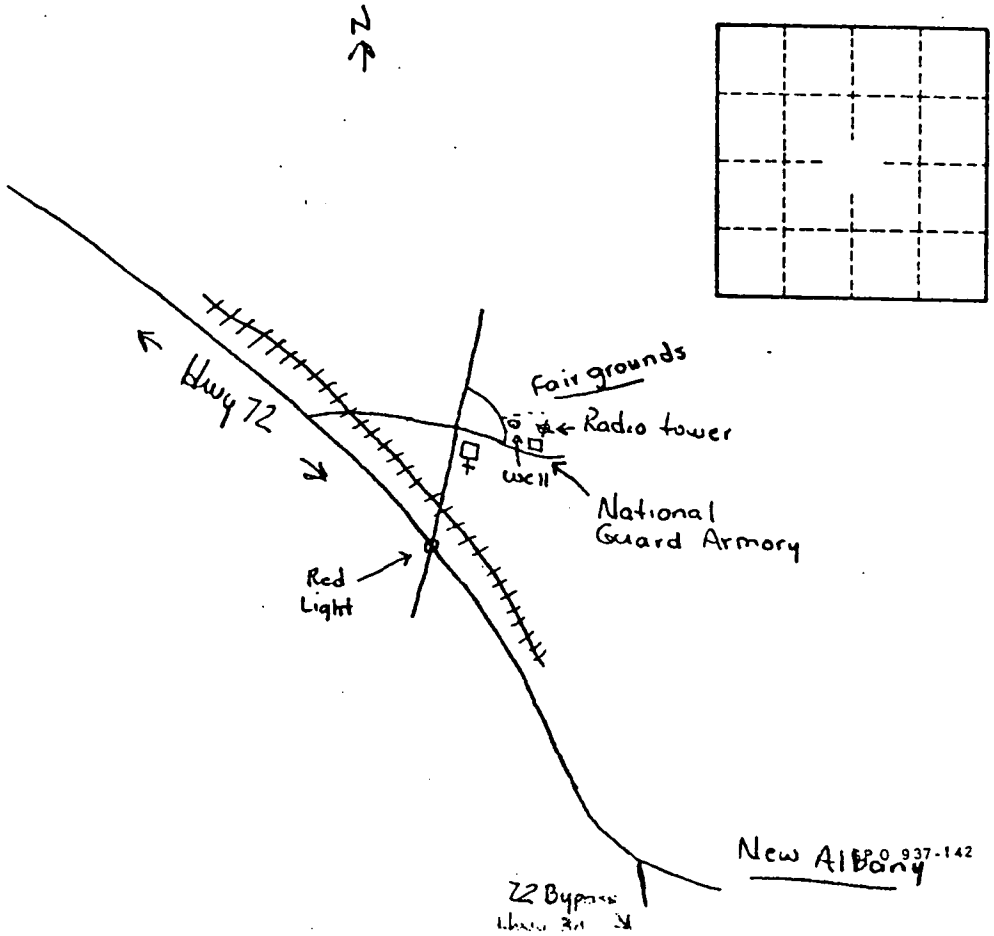
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

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

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

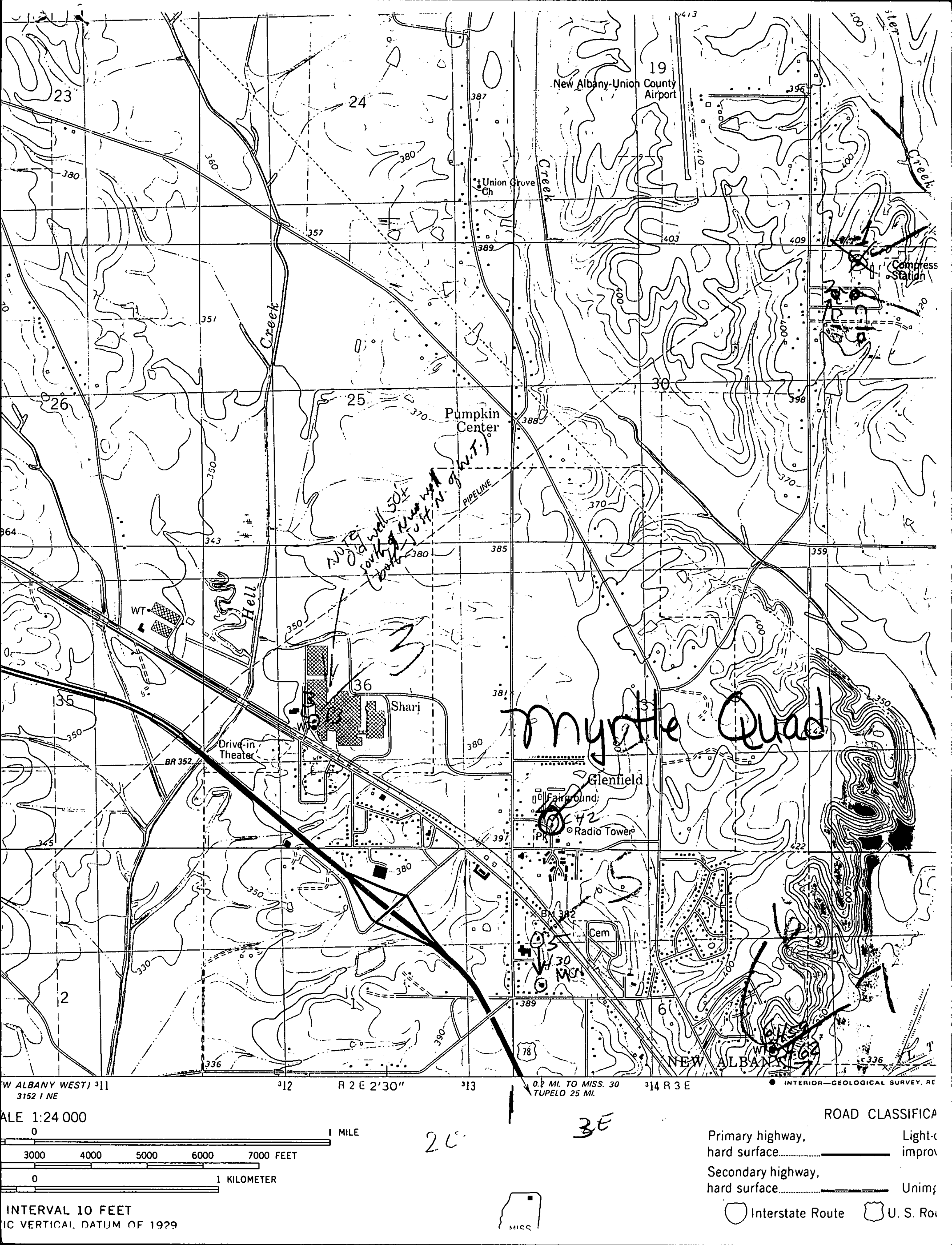
Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

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



Well No.

EPO 937-142



New Albany-Union County Airport
Union Grove Ch
Creek
Pumpkin Center
PIPELINE
Hell
Shari
Drive-in Theater
BR 352
Glenfield
Fairground
Radio Tower
Cem
BM 382
NEW ALBANY
Compress Station
Myrtle Quad
NOTE Old well 50± south of New well (both just N. of W.T.)
(NEW ALBANY WEST)
3152 I NE
R 2 E 2'30"
0.2 MI. TO MISS. 30
TUPELO 25 MI.
R 3 E
INTERIOR—GEOLOGICAL SURVEY, RE
SCALE 1:24 000
1 MILE
3000 4000 5000 6000 7000 FEET
1 KILOMETER
INTERVAL 10 FEET
IC VERTICAL DATUM OF 1929
ROAD CLASSIFICA
Primary highway, hard surface
Secondary highway, hard surface
Interstate Route
U. S. Ro
MISS