

FORM 9-1642
(1-68)

Well No. C1

WELL SCHEDULE

E Log # 2

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Plant Foreman

Record by BEE

Source of data BB Robinson

Date 5/18/59

State 28

County (or town) UNION

73

Latitude: 34321 TN

Longitude: 0890056

Sequential number: 1

Lat-long accuracy: 2

6

3

29

W. Sec

29

W. Sec

29

W. Sec

29

W. Sec

29

W. Sec

W. Sec

Local well number: 0001BB2906503E

Other number: B & H

Local use: 064002

Owner or name: Tennessee Gas Pipeline Corp.

Owner or name: TENN GAS PIPE

Address: _____

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, N

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other N

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data

Freq. W/L meas.:

Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS 5/59

Freq. sampling:

yes

Pumpage inventory:

no

period: _____

Aperture cards:

yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: _____

ft

864

Meas. rept

3

Depth cased; (first perf.) _____

ft

824

Casing type: _____

Diam. _____

in 12

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), horiz. gallery, open end, (P) perf., (S) screen, (T) ad. pt., (W) shored, (X) other, (B) other

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

Date Drilled: 956

Drilled: _____

ft

Pump intake setting: _____

ft

Driller: Laine

Lift (type): _____

(A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

(cent.)

Power (type): _____

nat

LP

gas, wind; H.P.

30

Trans. or meter no.

Descrip. MP _____

ft

415 410'

above LSD, Alt. MP

ft

Alt. LSD: _____

ft

405

Accuracy: _____

(source) T

Water Level _____

ft

above MP; Ft below LSD

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Date meas: _____

ft

078

Yield: _____

gpm

290

Method determined _____

ft

290

Accuracy: _____

ft

290

Accuracy: _____

ft

290

Accuracy: _____

ft

290

Accuracy: _____

ft

290

Accuracy: _____

ft

290

Accuracy: _____

Drawdown: _____

ft

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

127

Accuracy: _____

ft

QUALITY OF WATER DATA: Iron _____

ppm

127

Sulfate _____

ppm

127

Chloride _____

ppm

127

Hard. _____

ppm

127

Hard. _____

ppm

127

Hard. _____

ppm

127

Hard. _____

ppm

127

Hard. _____

ppm

127

Sp. Conduct _____

K x 10⁶

67

Temp. _____

°F

67

Date sampled _____

ppm

559

ppm

559

ppm

559

ppm

559

ppm

559

ppm

559

ppm

559

ppm

559

Taste, color, etc. _____

1989

WL = 159.85

SE/NW/NW on log heading



Emergency stand by

6/10/97 LWW

10/18/78 WL = 127.19

Dec. 399.7 on log

Well No. _____

Well No. C1

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 03

D Drainage Basin: 15F Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group CS

Lithology: _____ Origin: US Aquifer Thickness: 6 ft

Length of well open to: 9:4 ft Depth to top of: 40 ft 802 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____

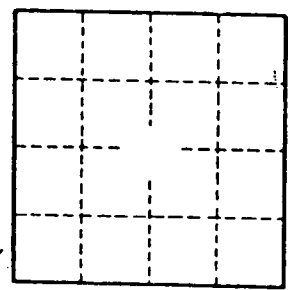
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

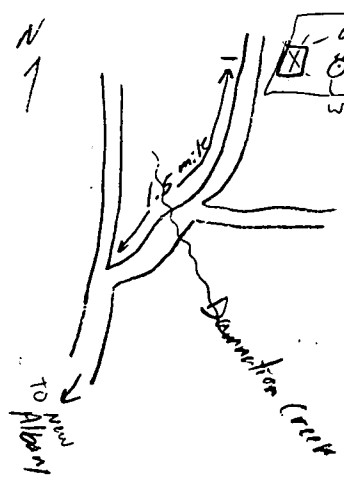
Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

WL: 90' (1956)
WL: 127. 10/78



Field check Elevation ?? 1) 399.7' on log heading
 2) 405' on orig. well schedule
 3) ~ 415' by topo. loc. (by log heading loc. separation)

6/93
 Just use 410'
 (Prob. some alt. from orig. topog. loc. from sketch unclear - 2 wells (see also C10)



6/93
old well destroyed
(located 200' west of newer well)

Field check Elev. 6/93

Unable to resolve elev. discrepancy.

Plant sup't. has blue prints of plant showing elev. of 399.7 for well. But topo. shows elevation of 410 to 415'.

Some alteration (bulldozing) may have occurred.

USE 410'