

0410018-01

6W00587

Bissell

FORM 9-1642 (1-68)

Well No. K89

WELL SCHEDULE

Ely# 70

APR 5 1975

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD a
Record by B EW Source of data of field Date 5-10-73 Map Bissell

State Miss County (or town) Lea 28 41

Latitude: 34° 08' 46" N Longitude: 088° 50' 01" W Sequential number: 1

Lat-long accuracy: 2' 10" 50" 1950 SE SW SE SE/SE/SW/SE

Local well number: K089CD1910505E Other number: TH#2

Local use: 070 Owner or name: Palmetto W.A.

Owner or name: PALMETTO W.A. Address: Well #2

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Stock, Inact, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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 4/75

Freq. sampling: Pumpage inventory:

Log data: log 4' - 676'

WELL-DESCRIPTION CARD test well

SAME AS ON MASTER CARD Depth well: 654 Meas. rept. accuracy 3

Depth cased: 602 Casing type: 10x6 in 10

Finish: porous concrete, gravel w. screen, gravel w. gallery, horis. open end, perf., screen, ad. pt., shored, open hole, other S

Method Drilled: air bored, cable, dug, hyd jettid, air rot., reverse percussion, rotary, trenching, driven, drive wash, other H

Date drilled: 973 Pump intake setting: 30 ft 30

Driller: Herndon Well Co. address 30

Lift (type): air, bucket, cent, jet, multiple, (cent.) (turb.) none, piston, rot, submerg, turb, other, Deep T Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 30 Trans. of water no. 30

Descrip. MP 313 ft above below LSD, Alt. MP 325 Accuracy: topo 4

Alt. LSD: 325 Accuracy: topo 4

Water Level: 156 ft above below MP; Ft below LSD Accuracy: 300 WV D

Date meas: 873 Yield: 210 gpm Method determined 41

Drawdown: 3 ft Accuracy: 3 Pumping period: 473 hrs 41

QUALITY OF WATER DATA: Iron 470 ppm Sulfate 3 ppm Chloride 210 ppm Hard. 473 ppm

Sp. Conduct 470 K x 10⁶ 3 Temp. 210 °F Date sampled 4-23-75 473

Taste, color, etc. pH = 8.0

174 (1982)
1.01 gpm

Well No. K89

Well No. _____

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

HYDROGEOLOGIC CARD

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

22 D Drainage Basin: 23 13 C 24 Subbasin: _____

25 (D) (C) (E) (F) (H) (K) (L) Topo of well site: 26 depression, stream channel, dunes, flat, hilltop, sink, swamp, 27 (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: 28 K3 29 series: 30 E2 31 aquifer, formation, group

Lithology: 32 S 33 Origin: 34 6 35 Aquifer Thickness: 50-55 ft

36 Length of well open to: 37 ft 38 52 39 Depth to top of: 40 ft 41 60.5 42

MINOR AQUIFER: 43 system: 44 series: 45 aquifer, formation, group

Lithology: 46 Origin: 47 Aquifer Thickness: _____ ft

48 Length of well open to: 49 ft 50 - 51 Depth to top of: 52 ft _____

53 Intervals Screened: _____

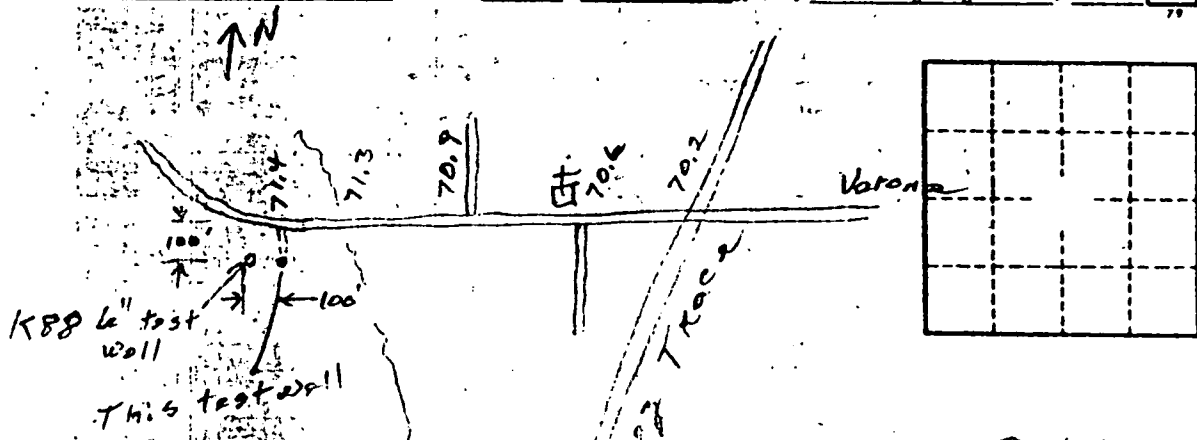
54 Depth to consolidated rock: _____ ft 55 Source of data: _____

56 Depth to basement: _____ ft 57 Source of data: _____

58 Surficial material: _____ 59 Infiltration characteristics: _____

60 Coefficient Trans: _____ gpd/ft 61 Coefficient Storage: _____

62 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpa/ft; Number of geologic cards: _____



188 1/2" test well
This test well
old 6" test well is 5 ft higher than this well
This well is about half way up hillside

@ 1100
4-23-75 GJD
pumping WL by air line
= 250' below lsd
10 min. after pumping
= 172' below lsd

Well No. _____

LEE
K89
8-73
E 49 # 70

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

Code

WATER WELL DRILLERS LOG

August 19 73 Herndon Well & Supply Co. Lee
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Palmetto Water Association, Inc.	Red Clay	0	5
Route 3, Tupelo, Ms 38801 (mailing address)	Blue Rock	5	200
	White Chalk	200	440
WELL LOCATION:	Fine Sand	440	490
sec 19 T 10 S R 5 E	Gumbo	490	505
6 miles SW of Tupelo (distance) (direction) (nearest town)	Sand	505	600
WELL PURPOSE: Community (home, irrigation, municipal, industrial)	Gumbo	600	602
WELL COMPLETION DATA:	Good Sand	602	660
(1) diameter (inches) 10 x 6	Gumbo	660	664
(2) total depth (feet) 654	Sand	664	674
(3) static water level (feet) 156 below top of ground	Gumbo	674	680
(4) casing Steel, 602', 7" (material) (depth)			
10" (size) if telescope see back.			
(5) screen 51'10" 540 top of (length) (depth to top)			
6" Stainless Steel (size) (material)			
(6) pump 30 (HP) 210 (yield gpm)			
Elec. (type power)			
(7) electric log yes (yes or no)			
U S G S (organization running log)			
(8) how well bottom plugged 6" B W Valve			
DRILLERS REMARKS			

OCT 01 1973

(X)

If well telescopes please sketch and show depths.

HH

10' x 6"
GROUND LEVEL

Static
W/H
156'

Depth of Well
654'

602' 7" casing

		X	

SECTION 9

Please indicate well location X.

ADDITIONAL INFORMATION

540' Top of cap
(62' 10" Steel)
cap pipe

Screens:
51' 10"
6" SS

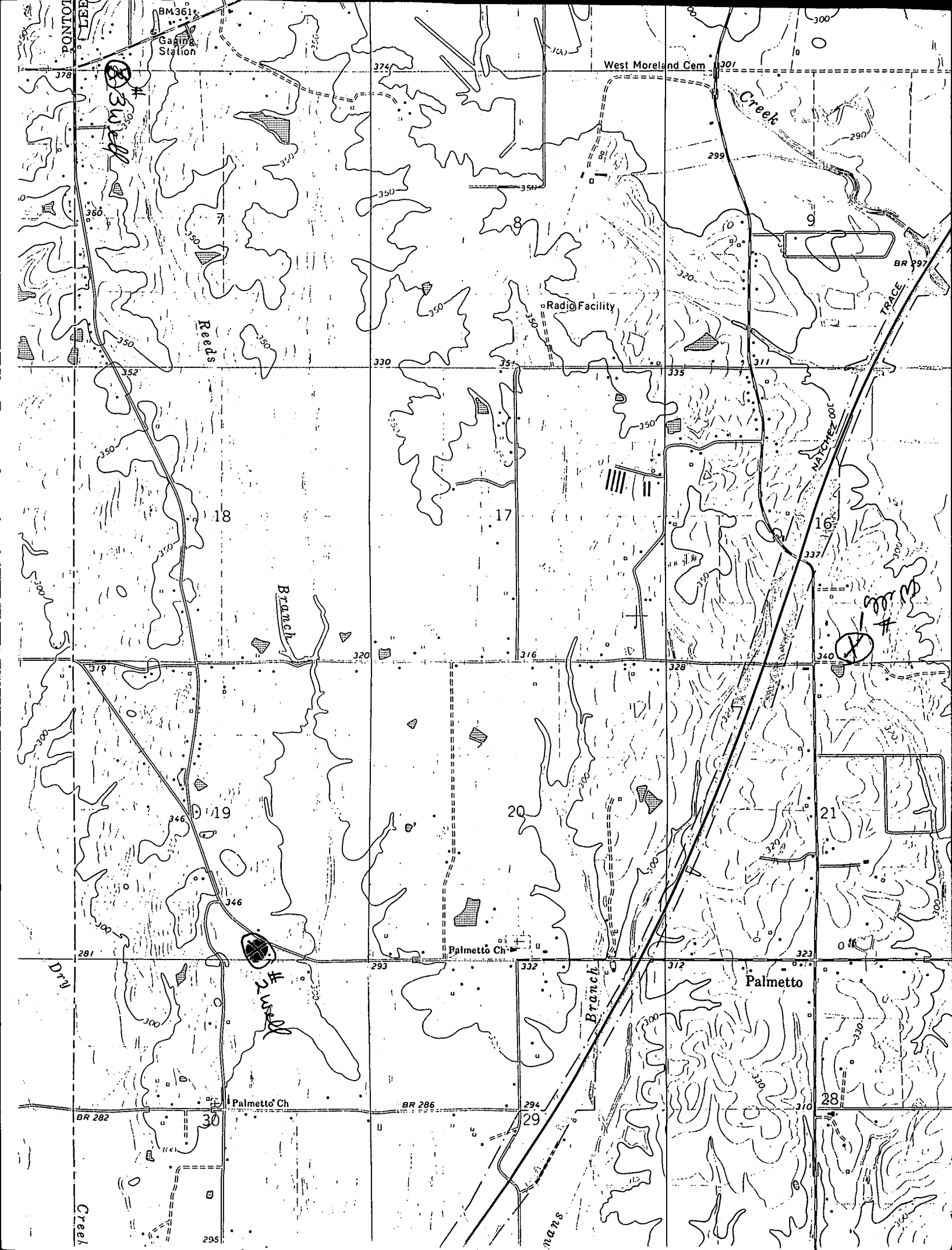
6" BWV

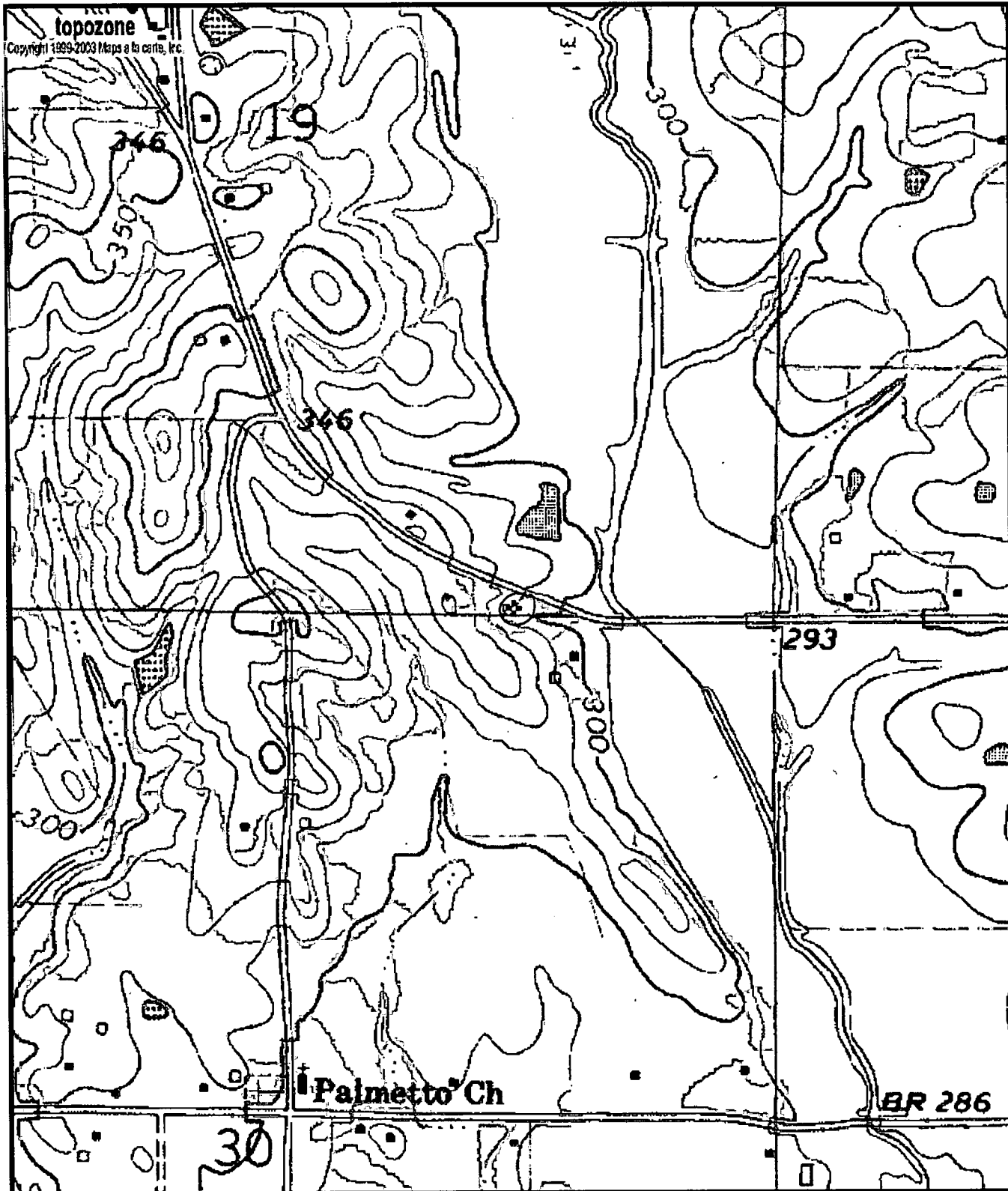
If more than one screen,
show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

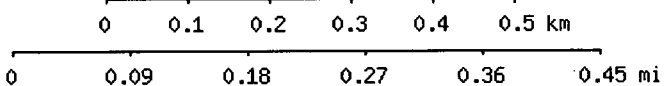
GPS LOG

USER NAME(S): Phillips/Jennings DATE: 10/29/98
UNIT DEQ #: _____ FILE #: B102915A
HEALTH DEPT. #: 410018-01 ELEV. 315'
USGS #: K89 OLWR #: GW00587
OWNER: Palmetto W.A. QUAD: Bissell
LOCATION: SW/SE S 19 T 10 S R 5 E COUNTY: Lee
LOCATION DESCRIPTION: On south side of Palmetto Rd west
of Reed's Branch Creek (0.75 mi west of Palmetto Church)
CASING DIA: _____ PUMP TYPE & SIZE: Turbine
GPS FIELD LOCATION: LAT. 34° 11' 27.1" LONG. 88° 48' 45.1"
GPS CORRECTED LOCATION: LAT. 34.191758 LONG. 88.812211
REMARKS: GPS'd @ 5' from well, outside fence





K89
 6W00587
 6410018-01



Map center is 34° 11' 30"N, 88° 48' 44"W (WGS84/NAD83)
Bissell quadrangle
 Projection is UTM Zone 16 NAD83 Datum

