

FORM 9-1642 (1-68)

Well No.

K47

WELL SCHEDULE

E Log # 39

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

SPARTA 114 C

Record by WJQ Source of data Obs driller Date 8/71 Map Woodland 113 D

State 28 County (or town) CHICKASAW 09

Latitude: 33 52 03 N Longitude: 08 8 59 W Sequential number: 1

Lat-long accuracy: 2 14 3 E 17 SE NE NE

Local well number: K047AA1714S03E Other number: _____

Local use: 064039 Owner or name: _____

Owner or name: SPARTA WA Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) 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.

Hvd. lab. data:

Qual. water data: type: _____

Freq. sampling: Pumpage inventory: no. period: _____

Aperture cards: yes

Log data: DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1050 Meas. rept 3

Depth cased: 960 Casing type: _____ Diam. 10X6 in 10

Finish: porous concrete, gravel w. (perf.), (screen), gallery, end, horiz. open end, other S

Method Drilled: air rot., cable, dug, hvd jetted, air percuss, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 9711 Pump intake setting: _____ ft 30

Driller: SINGER-LAYNE MEMPHIS

Lift (type): (A) air, (B) bucket, (C) cent. jet, (J) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg, (T) turb., other 7 Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 40 Trans. or meter no. _____

Descrip. MP 354K (189) above ft below LSD, Alt. MP _____

Alt. LSD: 340 Accuracy: topo 4

Water Level: _____ ft below MP; _____ ft below LSD Accuracy: _____

Date meas: _____ Yield: 250 gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs _____

WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm Sp. Conduct _____ K x 10 6 Temp. _____ °F Date sampled _____

Taste, color, etc. _____

5/12/88
WL = 212.0

8/19/87
1987
WL = 219.84

10/16/88
WL = 180.

11-29-82
WL = 191.97

MP = 3/4" plug
on E side
of pump 5
Z.7.

Well No.

Well No. K47

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 13E Subbasin: _____

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

MAJOR AQUIFER: K3 EZ aquifer, formation, group
 system series

Lithology: S Origin: 3 Aquifer Thickness: 110 ft

Length of well open to: _____ ft 9.4 Depth to top of: _____ ft 9.45

MINOR AQUIFER: _____ aquifer, formation, group
 system series

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 6" intervals

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

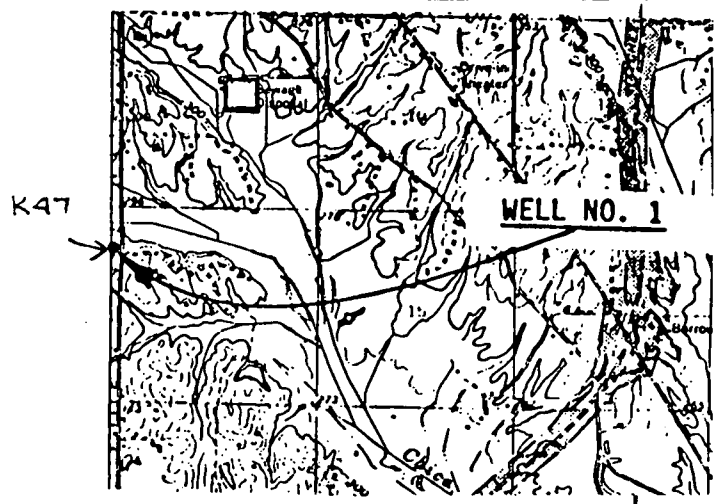
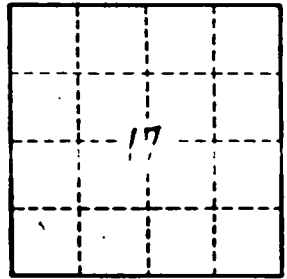
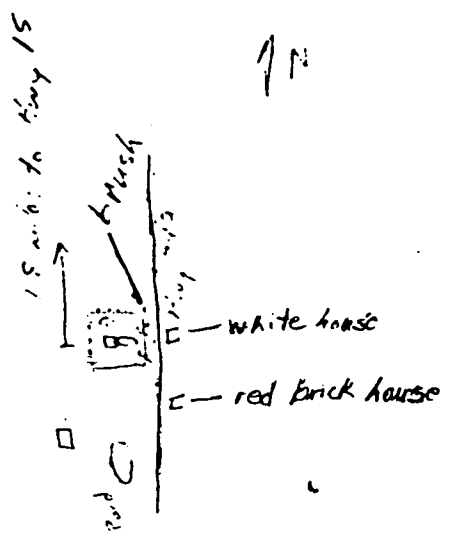
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

11/18/91 DH
236.00
21.17
214.83 mp. (weather)
-2.40
210.43



CHICKASAW
K47
8-13-71

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

WATER WELL DRILLERS LOG

CODED

8/13 19 71 Singer Layne Central Division Chickasaw
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Sparta Water Association	Clay	0	0
Houston, Mississippi	Hard Gray Clay	10	4
(mailing address)	Limestone	45	7
WELL LOCATION:	Clay	70	11
sec. 17 T 14 N R 3	Sand	110	15
(distance) miles (direction) of (nearest town)	Sandy Clay	154	21
WELL PURPOSE: municipal	Soapstone	215	69
(home, irrigation, municipal, industrial)	Rocks and Clay	693	70
WELL COMPLETION DATA:	Soapstone	705	81
(1) diameter (inches) 10"	Sandy Shale	815	83
(2) total depth (feet) 1055'	Shale	830	84
(3) static water level (feet) 502' below top of ground.	Shale	845	94
(4) casing steel (material) 502' (depth)	Sand w/shale stks	945	98
10" (size) If telescope see back.	Rock	982	98
(5) screen 94'7" (length) 238' (depth to top)	Sand w/shale stks	983	10
6" wirewrap (size) (material)	Rock	1055	
(6) pump 40 (HP) 250 (yield gpm)			
electric (type power)			
(7) electric log NO USGS #39 (yes or no)			
(organization running log)			
(8) how well bottom plugged shot			
DRILLERS REMARKS:			

CODED

454'
 5' backpact
 956
 994
 1050

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/31/97

UNIT DEQ #: _____ FILE #: B07311AC

HEALTH DEPT. #: 090010-01 ELEV. 355'

USGS #: K47 OLWR #: Gw00737

OWNER: Sparta WA. #1 QUAD: Sparta

LOCATION: NE/NE S 17 T 14S R 3E COUNTY: Chickasaw

LOCATION DESCRIPTION: On Hwy 389 2.1 mi south of intersection
with Hwy 8 in Houston

CASING DIA: _____ PUMP TYPE & SIZE: Submersible

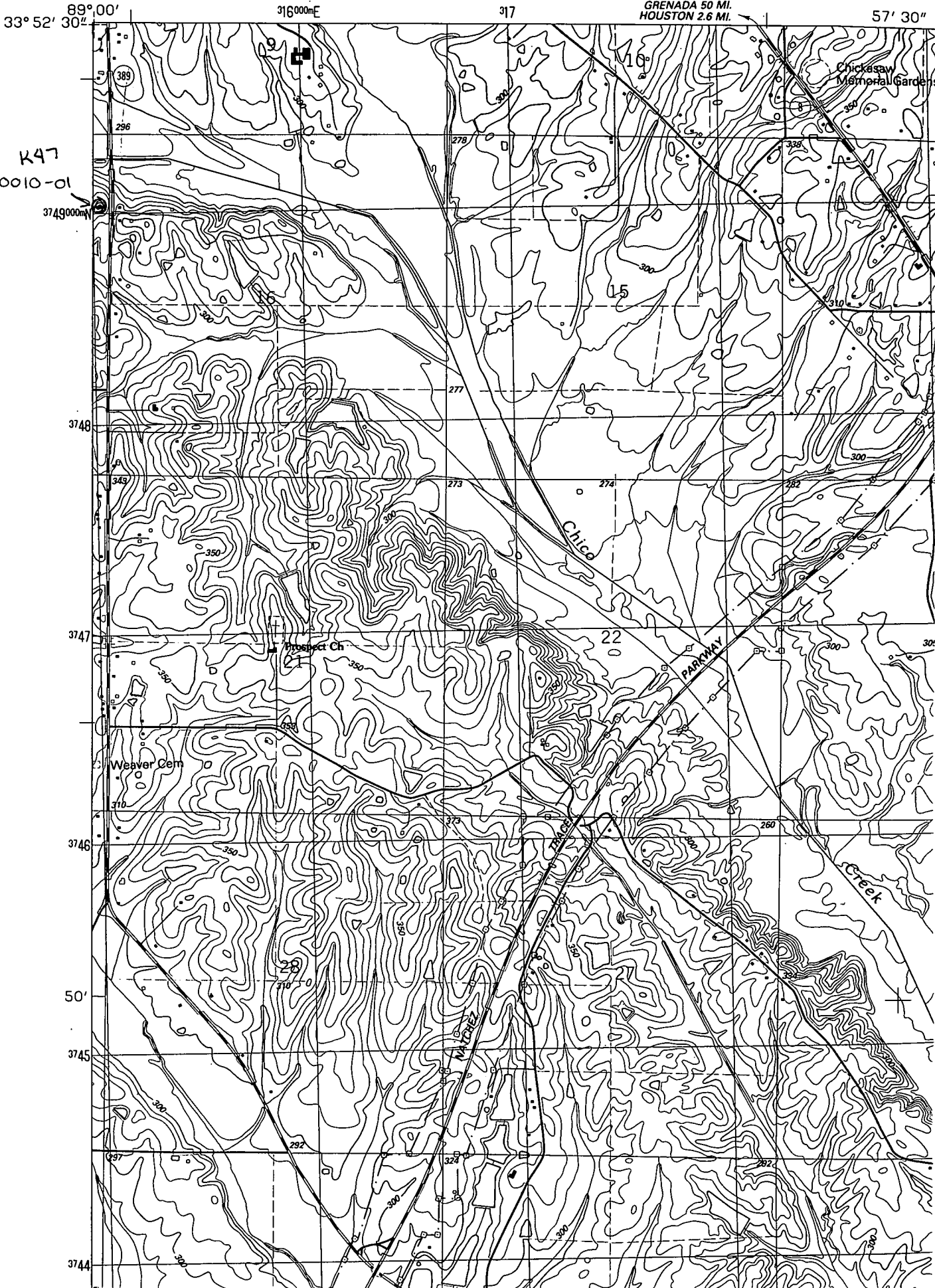
GPS FIELD LOCATION: LAT. 33° 52' 03.4" N LONG. 88° 59' 58.0" W

GPS CORRECTED LOCATION: LAT. 33.867322 LONG. 88.99953147

REMARKS: _____

316 1 NE
HOUSTON WEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



K47
090010-01

3749000m