

FORM 9-1642 (1-68)

Well No. K1

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**PUNCHED**

DEC 31 1973

MASTER CARD

Record by B.D. Source of data BOWC Date 6-71 Map PLEASANT GROVE 69B

State 336 28 County (or town) Par. 42 57

Latitude: 34<sup>28</sup> 25<sup>2</sup> 20<sup>0</sup> N<sup>0</sup> Longitude: 09<sup>0</sup> 07<sup>1</sup> 5<sup>5</sup> Sequential number: 1

Lat-long accuracy: 5<sup>0</sup> 8<sup>0</sup> S<sup>0</sup> R<sup>0</sup> 9<sup>0</sup> W<sup>0</sup> Sec 12 SE SW SE

Local well number: K001 1208 509W Other well number: B & M

Local use: 100 Owner or name: HAYES BROS + HALL Address: Sandus

Ownership: (C) County, Fed Gov't, (F) City, Corp or Co, (M) Private, (N) State Agency, (P) Water Dist, (S) (W) D

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, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) 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:  Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards:  yes

Log data: D

10/26/89  
14.40

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 208 Meas. rept accuracy 3

Depth cased: (first perf.) 187 ft Casing type: 4 in Diam.

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 5

Method: (A) air bored, (B) cable, (C) dug, (D) hyd rot., (H) jetted, (J) air percussion, (P) air reverse, (R) trenching, (T) driven, (V) drive wash, (W) other 7

Date Drilled: 9.6.3 Pump intake setting: 36 ft

Driller: Dennis Bros name address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other  Deep  Shallow 40

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) H.P.  Trans. or meter no. 41

Descrip. MP 185 ft above below LSD, Alt. MP 47

Alt. LSD: 185 Accuracy: (source) 52

Water Level: above below MP; Ft below LSD 463 Accuracy: 61

Date meas: 4.6.3 Yield: 30 gpm Pumping period: 66 hrs

Drawdown: 63 ft Accuracy: 63 Pumping period: 66 hrs

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72 ppm

Sp. Conduct 73 K x 10<sup>6</sup> Temp. 74 °F Date sampled 75

Taste, color, etc. 76

11/22/80  
WLLMP 14.48  
MP top of casing 1.3'  
WLLSD 13.18  
185  
13  
172

Well No.

Well No. K

Latitude-longitude \_\_\_\_\_  
d m s N S d m s

**HYDROGEOLOGIC CARD**

UNITED STATES MASTER CARD

Physiographic Province: \_\_\_\_\_ Section: 03

Drainage Basin: D Subbasin: 15F

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system \_\_\_\_\_ series TE aquifer, formation, group SS

Lithology: US Origin: 2 Aquifer Thickness: 28 ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ 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: 4'

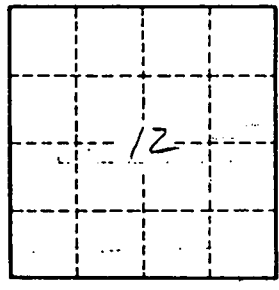
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: 2 gpd/ft; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
top soil	0-15	
fine white sand	15-25	
coarse white sand	25-60	
coarse white sand		
oil free gravel	60-80	
clay + sand mixed	80-120	
gray clay	120-190	
medium coarse sand	190-200	

Well No. \_\_\_\_\_

PANOLA

WATER WELL DRILLERS LOG

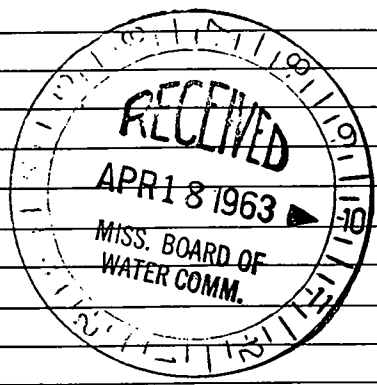
**CODED**

Date: 4-16, 1963, Driller: Adams Bros. Co. Inc County Panola

(Name)

	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Hays Bros + Hall</u> (Name) <u>Sardis</u> (Address) <u>12 8 9</u>	<u>top soil</u>	<u>0-15</u>	
(2) Location: _____ 1/4, _____ 1/4, Sec. _____ T. _____ R. _____ (distance) _____ miles _____, of _____ (direction) _____ (Nearest Town)	<u>fine white sand</u>	<u>15-25</u>	
(3) Topography: _____ (Hilly) _____ (Flat) _____ (Level)	<u>coarse white sand</u>	<u>25-60</u>	
(4) Purpose of Well: _____ (Domestic Irrigation Municipal, Industrial, Other)	<u>coarse white sand</u>		
Information upon completion of well:	<u>and pea gravel</u>	<u>60-80</u>	
(1) Diameter <u>4</u> inches.	<u>clay + sand mixed</u>	<u>80-120</u>	
(2) Total Depth <u>208</u> feet.	<u>gray clay</u>	<u>120-180</u>	
(3) Water Level _____ feet below top of ground.	<u>medium coarse sand</u>	<u>180-208</u>	
(4) Cased to <u>187</u> , Size _____			
(5) Screen: Size <u>4"</u> , Length <u>21'</u>			
(6) Were any formations sealed against pollution? _____ yes, _____ no.			
If YES depth of formation _____			
Why _____			
Drillers Remarks: _____			

**CODED**



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

SPARTA

DATA SHEET-VERIFICATION CHECKLIST

COUNTY PANOLA

QUADRANGLE PLEASANT GROVE

WELL OWNER HAYES (po)

CHECKED

U.S.G.S. NO. K1

8-15-95

B.O.H. NO. \_\_\_\_\_

OLWR NO. \_\_\_\_\_

LOCATION:

MAP N 1/2 SE SW SE 12 85 9 W

GPS \_\_\_\_\_

ELEV. (MSL) 185

W.L. (L.S.) (1) 11.35

(2) 173.65

HEAD (MSL) 173.65

SCREENED INTERVAL 187-208 (+11)

AQUIFER VERIFIED SPARTA

PREVIOUS W.L. 14.40 10-26-89 14.48 13.18 11-22-80

DATA ENTERED \_\_\_\_\_

*Wayne question: How much? Wrong well?*



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
 CONTROL BY ..... USGS AND NOS/NOAA  
 COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1978  
 FIELD CHECKED ..... 1982. MAP EDITED ..... 1983  
 PROJECTION ..... TRANSVERSE MERCATOR  
 GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 15  
 10,000-FOOT STATE GRID TICKS ..... MISSISSIPPI, WEST ZONE  
 UTM GRID DECLINATION ..... 1°40' EAST  
 1983 MAGNETIC NORTH DECLINATION ..... 3°00' EAST  
 VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

