

1/81 WTO

Recorded by J. Crout

Date 6/28/82

TRANSMITTED FOR ADP
U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Sardis

Well No. 434

E-Log No. 74

County PANOLA

GEN. SITE DATA

Site ID 3.4.26.1.3.0.8.9.5.0.4.9.0.1 R=0* T=A* 2=W*

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=1.0.7.*

Lat. Long. 9=3.4.26.1.3.* 10=0.8.9.5.0.4.9.* Well No. 12=40.3.4.*

Location 13=NE, NE, S, 3.2 T, 0.7 S, R, 0.6 W.* Alt. 16=3.6.0.*

Hyd. Unit (OWDC) 20=0.8.0.3.0.2.0.4.* Date 21=0.6.1.0.9.1.1.9.8.2.*

Well use 23=W.* Water Use 24=P.* Hole depth 27=993.* Well depth 28=944.*

WL 30=1.8.5.* Date 31=1.1.1.2.1.1.9.8.2.* Source 33=D.*

Status 273=.* Project No. 5=.

OWNER

R=158* T=A* Date 159#1.2.1.5.1.1.9.8.2.* Owner No. _____

Owner 161#PANOLA UNION WA.*

FIELD QW

R=192* T=A* Date 193# Temp. 196#00010* 197=.

R=192* T=A* Date 193# Cond. 196#00095* 197=.

R=192* T=A* Date 193#1.2.1.2.9.1.1.9.8.2.* pH 196#00400* 197=8.5.*

CONSTR.

R=58* T=A* 59#1* Date 60=1.2.1.5.1.1.9.8.2.* Remarks _____

Drlg. 63=3.3.0.* Name HERNDON Method 65=H.* Finish 66=5.*

CASING

R=76* T=A* 59#1*

Top csgn. 77#0.* Bot. csgn. 78=9.0.5.* Diam. 79#8.*

R=76* T=A* 59#1*

Top csgn. 77#8.4.0.* Bot. csgn. 78=9.0.3.* Diam. 79#4.*

OPENINGS

R=82* T=A* 59#1* Top 83#9.0.3.* Bottom 84=9.4.4.*

Type 85=S.* Diam. 87=4.* Size 88=.

R=82* T=A* 59#1* Top 83# Bottom 84=.

Type 85=. Diam. 87=. Size 88=.

YIELD

R=146* T=A* 147#1* Q 150=1.7.8.* Q/S 272=.

134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# T * Intake 44= * Power type 45= E *
 Date 38= 12/15/1982* H.P. 46= 25.*

LOGS

R=198* T= A * Log 199# E * Top 200= 10.* Bot 201= 993.*
 R=198* T= A * Log 199# D * Top 200= 0.* Bot 201= 990.*
 R=189* T= A * E Log No. 190# 0.74* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 890.* Bot 92= 990.*
 Unit ID 93= ZAWLCXL * Name of Unit _____
 R=90* T= A * 256# 1 * Top 91= * Bot 92= *
 Unit ID 93= * Name of Unit _____

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *
 R=105* T= A * 99# 1 * Test No. 106# *
 107= * Transmissivity (gal/d)/ft _____
 108= * Hydraul. cond. (gal/d)/ft² _____
 110= * Storage coeff. Boundaries _____

R=121* T= * Yr Begin 122# * Network 258# *

Water Level Data Collection (1)

4' d d @ 178 gpm rpt

description of formations, encountered	from	to
Red Clay	0	10
Red Sand	10	30
Coarse White Sand	30	42
Pea Gravel	42	55
Coarse White & Yellow Sd.	55	110
White Chalk & Sand	110	130
White Sand	130	160
Coarse Yellow Sand	160	172
Blue Rock	172	220
Blue Sandy Clay	220	270
Blue Clay	270	290
Blue Clay/Streaks of Sand	290	305
Sand	305	395
Sandy Streaks of Clay	395	435
Rock	435	436
Blue Clay	436	455
Sand	455	483
Blue Clay/Sand Streaks	483	565
Rock	565	566
Sand/Clay Streaks	566	650
Blue Clay	650	825
Rock	825	826
Blue Clay	826	890
Sand	890	980
Blue Clay	980	990

PANOLA
 H34
 12/82
 Flwg # 74

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

CODED

WATER WELL DRILLERS LOG

1982 Herndon Well & Supply, Inc. Panola
 date well completed firm name county well located

LANDOWNER: Panola - Union Water Association Sardis, MS (mailing address)	description of formations encountered	from	to
WELL LOCATION: sec. 32 T. 7 N R. 6 W S W (distance) miles (direction) of (nearest town) WELL PURPOSE: Municipal (home, irrigation, municipal, industrial) WELL COMPLETION DATA: (1) diameter (inches) 8 x 4 (2) total depth (feet) 944 (3) static water level (feet) 189 below top of ground. (4) casing Steel 905 (material) (depth) 8" (size) If telescope see back. (5) screen 41' 903' (length) (depth to top) 4" SS Ribbed (size) (material) (6) pump 25 178 (HP) (yield gpm) Electric (type power) (7) electric log yes (yes or no) used Bureau of Geo. (organization running log) (8) how well bottom plugged 4" SS BWV	Red Clay	0	10
	Red Sand	10	30
	Coarse White Sand	30	42
	Pea Gravel	42	55
	Coarse White & Yellow Sd	55	110
	White Chalk & Sand	110	130
	White Sand	130	160
	Coarse Yellow Sand	160	172
	Blue Rock	172	220
	Blue Sandy Clay	220	270
	Blue Clay	270	290
	Blue Clay/Streaks of Sand	290	305
	Sand	305	395
	Sandy Streaks of Clay	395	435
	Rock	435	436
	Blue Clay	436	455
	Sand	455	483
	Blue Clay/Sand Streaks	483	565
Rock	565	566	
Sand/Clay Streaks	566	650	
Blue Clay	650	825	
Rock	825	826	
Blue Clay	826	890	
Sand	890	980	
Blue Clay	980	990	
DRILLERS REMARKS:			

CODED

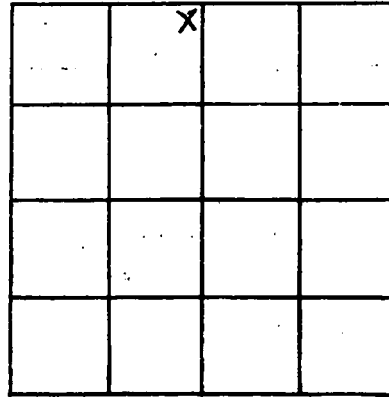
DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

JAN - 5 1983

RECEIVED

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 32

Please indicate well location X.

ADDITIONAL INFORMATION

905' of 8" casing

Top of 4" lap 840'

Top of 4" screen
903'

Bottom Well 944'

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

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY PANOLA

Sardis Dam Quad
U.S.G.S. E-log # 74

WELL OWNER Panola - Union - Wesley W.A. (Hiaway Hills)

CHECKED

U.S.G.S. NO. H-34

10/31/94

B.O.H. NO. 540065-01

10/31/94

OLWR NO. _____

LOCATION:

MAP NW, SW, NE, NE S 32, T 7 S, R 6 W

10/31/94

GPS _____

ELEV. (MSL) 360'

10/31/94

W.L. (L.S.) (1) - 228.71'

10/31/94

(2) - 228.53'

10/31/94

HEAD (MSL) + 131.29'

10/31/94

SCREENED INTERVAL 903' - 944' (LS) / - 543' - 584' (MSL)

10/31/94

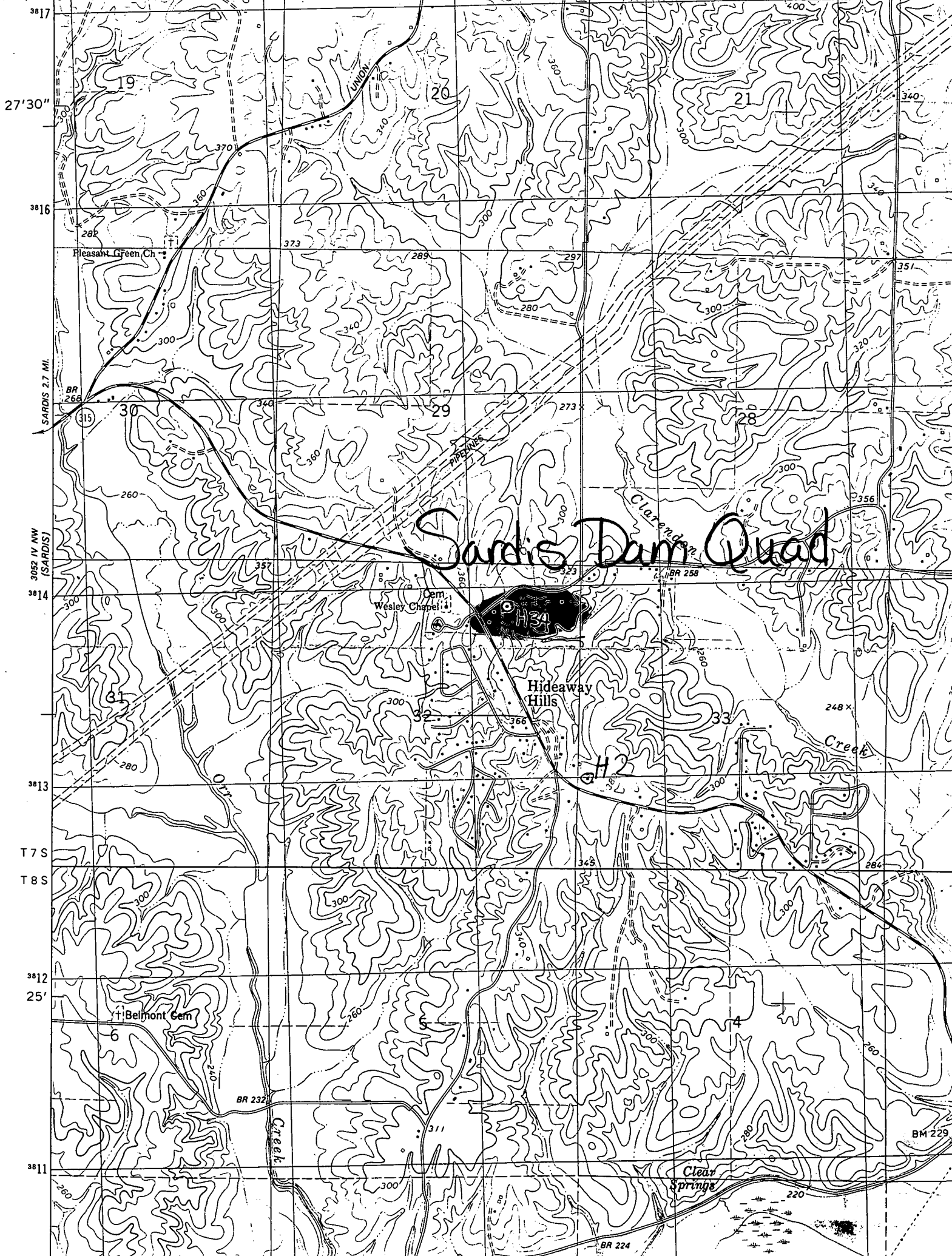
AQUIFER VERIFIED Lower Wilcox

10/31/94

PREVIOUS W.L. - 185' (1982)

10/31/94

DATA ENTERED _____



Sardis Dam Quad

Map coordinates and labels include:
Latitude: 27°30', 28°16', 28°14', 28°13', 28°12', 28°11'
Longitude: 78°52', 79°00'
Elevations: 260, 280, 300, 320, 340, 360, 380, 400
Roads: BR 268, BR 232, BR 224
Landmarks: Pleasant Green Ch., Wesley Chapel, Hideaway Hills, Belmont Cem, Clear Springs
Other: Sardis 2.7 MI, Clear Creek, Pipe Lines