

Coded By RRR 9/92 U.S. GEOLOGICAL SURVEY  
 Checked By JSB 11-6-92 WATER RESOURCES DIVISION  
 Entered By JSB MISSISSIPPI DISTRICT  
 Date 12-16-92

Well No. K22  
 E-Log No. \_\_\_\_\_  
 County ITANOLA  
 Agency \_\_\_\_\_

WELL RECORD

Agency Code U1S1G1S Site Id 1314213141410191010151461011 Project No. 54

Station Name 12=K012121 H1A1Y1S1 B3R101S1 1E1 H1A1K1L1 | | | Latitude 9=3142131414 Longitude 10=0191010151416

Lat/Long Ac. 11=S D T M Disc 6=29 State 7=28 County 8=110171 SE Land Net 13=SN1S1E1S1121T10181S1R10191W1

Location Map 14=IP1L1E1A1S1A1N1T1 1G1R101V1E1 | | Altitude 16=11815 Met/Meas 17=A L A Accuracy 18=11101 Hydrologic Unit 20=0181013101010101

Agency Use 903=A 10 Date Inventoried 711= | | / | | / | | | | Station Type 4 | | | | Y Data Type 904= | | | | | | | | | |

Instr. 905= Remarks 806= | | | | | | | | | | | | | | Relia. 3=C L M U 2=7 X

Date of Construction 21=013/11181/119912 Well Use 23=AM Water Use 24=H1 Primary Aquifer 714=112141W1L1C1X1L1 Hole Depth 27=1118101

Well Depth 29=1112171 Water Level 30=13611 Water Level Date 31=013/11181/119912 Method 34= | Status 37= | Source 33=D

CONSTRUCTION DATA

Construction Date 60=013/11181/119912 Contractor 63=010111 Method 65=H Finish 66=S  
 Name L I P E

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1	77#     101
78	A	725#2	59#1	77#     210

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1	83#     101817	84#     11217	97#   3	85# S
83	A	726#2	59#1	83#	84#	87#	85#

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43=S Date 38=013/11181/119912 Intake 44= | | | |

Power 45=E H.P. 46= | | 2 | | Serial No. 49= | | | | | | | | | |

MISCELLANEOUS OWNER DATA

Date of Ownership 159=013/11181/119912 Owner Name 161=H1A1Y1S1 B3R101T1H1E1V1S1 1E1 H1A1K1L1 | | | | | | | | | |

MISCELLANEOUS OTHER ID DATA

E-Log No. 190# | | | Assigner 191= M | I | S | S | | O | I | S | T |

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement 1934	Aquifer Sampled 1954	Temp 196#00010	Value 1974
R=192	T=A	738#2	Date of Measurement 1934	Aquifer Sampled 1954	So Cond 196#00095	Value 1974
R=192	T=A	738#3	Date of Measurement 1934	Aquifer Sampled 1954	pH 196#00400	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 1994 D	Sec. Depth 200	End Depth 201
R=198	T=A	739#1	Log Type 1994	Sec. Depth 200	End Depth 201

MISCELLANEOUS NETWORK DATA  $706 = Qw \quad W_L \quad W_D \quad *$

R=114	T=A	730#1	Sec. Year 1154	End Year 1164	Agency Source 120=A	Freq. 117#
R=121	T=A	730#2	Sec. Year 1154	End Year 1164	Agency Source 117#	Freq. 119#

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184	Remarks 185
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 03 / 11 / 1992	Type 703 (P)	Discharge 150	So. Capacity 272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91	Depth Bot. 92	Unit Id 93
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100	103
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13 mi SW of SARDIS

Description of formations encountered	from	to
top soil, clay	0	20
sand	20	40
sand w/ pea gravel	40	60
sand w/ pea gravel	60	80
sand	80	100
sand about 115' then	100	120
hard clay	120	140
hard clay w/ streaks	120	140
clay w/ shell rock	140	160
about 150		
clay w/ few streaks	160	180
clay w/ few streaks	180	200
clay at first then sand	200	220
clay about 205-220		
clay about 220	220	240
back to clay		
shell rock 27'		
back to clay, then clay	240	260
and sand to 250		
then back to clay		
clay w/ streaks sand	260	280
sand about 5'		
sand about 9' then	280	300
clay streaks of clay		
about 3'		
fine sand, mixed	300	320
some clay		
fine sand mixed w/ clay	320	340
	340	360

Mixed clay at bottom	360	380
sand w/ streaks of clay	380	400
mixed		
sand w/ streaks of clay	400	420
"	420	440
"	440	460
"	460	480
sand w/ streaks	480	500
"	500	520
"	520	540

500-520 - sand w/ streaks of clay  
 520-600 - sand & clay, mixed, rock about 5' back sand & clay  
 600-620 - sand & clay, mixed, mostly sand  
 620-640 - sand w/ streaks of clay  
 640-660 - sand w/ some clay  
 660-680 - sand mostly w/ little clay  
 680-700 - sand, mostly  
 700-720 -  
 720-740 -  
 740-760 - little sand & clay  
 760-780 - mostly clay w/ little sand, rock about 700'  
 780-800 - clay  
 800-820 - rock about 800' back to clay  
 820-840 - clay  
 840-860 - clay  
 860-880 - clay w/ little sand

880-900 - clay w/ little sand  
 shell rock 880' shell rock 890'  
 900-920 - clay rock 903'  
 clay, shell rock 918'  
 920-940 - clay, rock 939'  
 940-960 - clay  
 960-980 - clay  
 980-1000 - clay  
 1000-1020 - clay, rock 1007'  
 - clay, rock 1010' clay  
 1020-1040 - clay  
 1040-1060 - clay  
 1060-1080 - clay  
 1080-1100 - mostly clay then sand,  
 1090 to 1100 w/ few streaks clay

1100-1120 - mostly sand w/ few streaks of clay
1120-1140 - sand w/ few streaks of clay and malinite
1140-1160 - sand to 1150' shell rock 1151' back to clay
1160-1180 - clay and some sand mixed
147' 6"
TOP OF 3" LAP-120-101

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY PANOLA

Pleasant Grove Quad

WELL OWNER Hays Brothers and Hall CHECKED

U.S.G.S. NO. K-22 10/31/94

B.O.H. NO N/A 10/31/94

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

LOCATION:

MAP SE SW, SE S 12, T 85, R 9 W 10/31/94

GPS ✓ \_\_\_\_\_

ELEV. (MSL) 182' 10/31/94

W.L. (L.S.) (1) ✓ - 38.64' 10/31/94

(2) - 38.63' 10/31/94

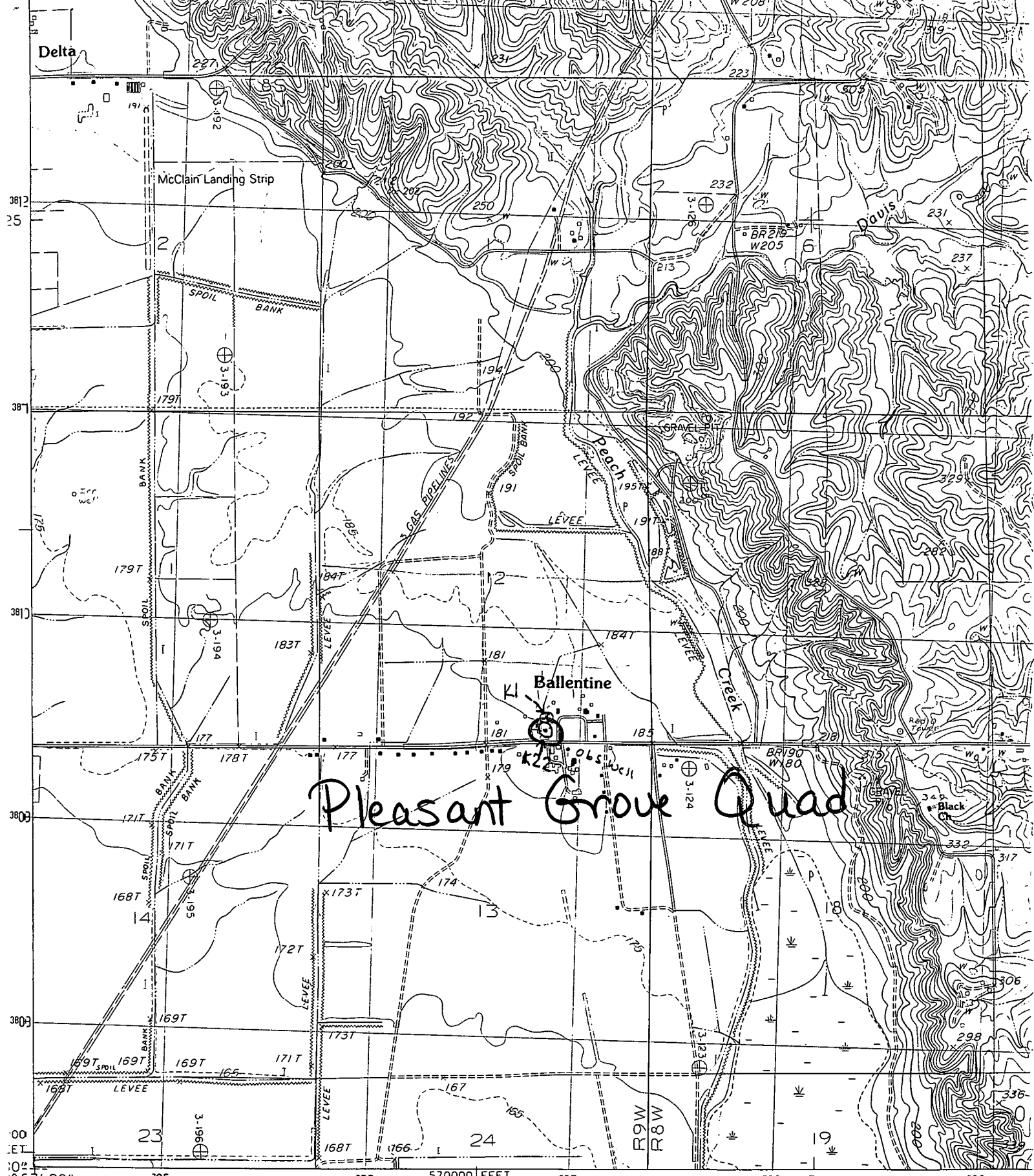
HEAD (MSL) + 143.36' 10/31/94

SCREENED INTERVAL 1,087' - 1,127' (L.S.) / - 905' - - 945' (MSL) 10/31/94

AQUIFER VERIFIED Lower Wilcox 10/31/94

PREVIOUS W.L. - 36' (1992) 10/31/94

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



Pleasant Grove Quad

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

