

Coded By Q 497
 Checked By JP 2/23/97
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 Date 2/23/97

U.S. GEOLOGICAL SURVEY
 WATER RESOURCE DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 412
 County Madison

Well No. U29

WELL RECORD

Agency Code U1S1C1S1 Site id 322915101910112170111 Project No. 5111111111

Station Name 121101291 DRED PORTER Latitude 3229517 Longitude 1019101011211

Lat/Lone Ac. 11 50 Dist 6=28 State 7=28 County 8=08191 SW/Lanc Net 13=NEWELSI3111081R101312

Location Map 14=MAADI151011 Altitude 16=3215 Mec/Meas 17=A L (N) Accuracy 18=15 Hydrologic Unit 20=10131181010121

Agency Use 803=A I (O) Date Invented 711= Station Type J 1111Y Data Type 804=

Instru. 805= Remarks 806= Relis. 3=C M U 24

Date of Construction 21=03/11/1997 Well Use 23=W Water Use 24=H Primary Aquifer 724=24 SPIRIT Hole Depth 27=1210181

Well Depth 28=11901 Water Level 30=26101 Water Level Date 31=03/27/1997 Method 34= Status 37= Source 33=D

CONSTRUCTION DATA

Construction Date 60=03/27/1997 Contractor 65=15101 Name Cresswell Method 63=H Finish 66=9

CONSTRUCTION CASING DATA

Top/Casing	Bot/Casing	Diameter
<u>R=76 T=A 725#1 59#1</u>	<u>77#1 101</u>	<u>78# 11201</u>
<u>R=76 T=A 725#2 59#1</u>	<u>77# 11201</u>	<u>78# 11501</u>

CONSTRUCTION OPENINGS DATA

Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>R=82 T=A 725#1 59#1</u>	<u>53# 11501</u>	<u>54# 11801</u>	<u>57# 12</u>	<u>55# 81</u>	<u>58# 101101</u>
<u>R=82 T=A 725#2 59#1</u>	<u>53#</u>	<u>54#</u>	<u>57#</u>	<u>55#</u>	<u>58#</u>

CONSTRUCTION LIFT DATA

Power R=82 T=A 256#1 H.P. 46# Serial No. 49#

Lift Type 43# 81 Date 38# 03/27/1997 Intake 44# 13151

MISCELLANEOUS OWNER DATA

Date of Ownership 159=03/27/1997 Owner Name 161=DRED PORTER

MISCELLANEOUS OTHER ID DATA

E-Log No. 190=H112 Assigner 191# M 11S1S1 011511

MISCELLANEOUS DATA

R=192	T=A	73871	Date of Measurement 1934 / /	Aquifer Sampled 1954	Temo 196700010	Value 1974
R=192	T=A	73870	Date of Measurement 1934 / /	Aquifer Sampled 1954	So Cond 196700095	Value 1974
R=192	T=A	73873	Date of Measurement 1934 / /	Aquifer Sampled 1954	pH 196700400	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 1994E	Sec. Depth 200 118	End Depth 201 1208
R=198	T=A	739#2	Log Type 1994D	Sec. Depth 200 1101	End Depth 201 1205

MISCELLANEOUS NETWORK DATA 106 = QW WL WD *

R=124	T=A	730#1	Sec. Year 1154 1 9	End Year 1164 3 9	Agency Source 120-A 1174	Freq. 1164
R=124	T=A	730#2	Sec. Year 1154 1 9	End Year 1164 3 9	Agency Source 1174	Freq. 1184

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 / /	Remarks 195
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 146 031 / 27 / 1977	Type 703 (P) R	Discharge 1504 145	Sp. Capacity 272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 1080	Depth Bot. 92 1180	Unit Id 93 1245ART1	304
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100	103
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40' dd @ 45 gpm (8 hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Yellow Clay	0	35
1/20" CLM	35	240
MOUNDY'S BRANCH SHALE	240	265
SAND	265	540
SAND	540	585
SHALE	585	760
SAND	760	835
SHALE	835	1000
SAND	1080	1180
SHALE	1180	1205