

Coded By WSTO 1/8/88
Checked By
Entered By VJ
Date 1/4/88

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. P31
E-Log No. 80
County PANOLA
Agency

WELL RECORD

Agency Code: U S G S Site Id: 134117116019016016011 Project No.: 54

Station Name: 12 ROBIN E L R W A I Latitude: 93141171167 Longitude: 1041910161016

Lat/Long Ac.: 11 S F (M) Dist: 6-28 State: 7-28 County: 8 11071 Land Net: 13 N E S W S I Z 4 T T O 9 1 S I R 1 O R W X

Location Map: ASA Altitude: 16 1173 Met/Meas: 17 A L D Accuracy: 18 1 3 Hydrologic Unit: 20 0810131021021

Agency Use: 803 A I D Date Inventoried: 711 / / Station Type: Data Type: 804

Instru.: 805 Remarks: 806 Relia.: 3 C L M (U) 2-W

Date of Construction: 21 12 1041 / 119871 Well Use: 23 W Water Use: 24 P I Primary Aquifer: 714 1124 W L C X P Hole Depth: 27 11175

Well Depth: 28 111601 Water Level: 30 123 15 Water Level Date: 31 12 1041 / 119871 Method: 34 - Status: 37 - Source: 33 D

CONSTRUCTION DATA

Construction Date: 60 1121 / 1041 / 119871 Contractor: 63 0164 Name: Loya Method: 65 H Finish: 66 G

CONSTRUCTION CASING DATA

Top/Casing: 77 11101 Bot/Casing: 78 111171 Diameter: 79 116

Top/Casing: 77 11016 H Bot/Casing: 78 11120 Diameter: 79 116

CONSTRUCTION OPENINGS DATA

Top/Depth: 83 11120 Bot/Depth: 84 11160 Diameter: 87 116 Type: 85 S Length: 89 Width: 88 10 15

Top/Depth: 83 Bot/Depth: 84 Diameter: 87 Type: 85 Length: 89 Width: 88

CONSTRUCTION LIFT DATA

R=42 T=A 254 #1 Lift Type: 43 T Date: 38 1121 / 1041 / 119871 Intake: 44 11601

Power: 45 E H.P.: 46 125 Serial No.: 49

MISCELLANEOUS OWNER DATA

Date of Ownership: 159 1121 / 1041 / 119871 Owner Name: 161 E L R W A I

MISCELLANEOUS OTHER ID DATA

E-Log No.: 190 0801 Assigner: 191 M I S S I D I S T

MISCELLANEOUS QW DATA

| | | | | | | | | | | |
|-------|-----|-------|---------------------|----------------------------|-----------------|------------------------|-----------|-----------|-------|--------------------|
| R=192 | T=A | 738#1 | Date of Measurement | 1934 / / * | Aquifer Sampled | 1954 * | Par. Code | 196#00010 | Value | 1974 * |
| R=192 | T=A | 738#2 | Date of Measurement | 1934 / / * | Aquifer Sampled | 1954 * | Par. Code | 196#00095 | Value | 1974 * |
| R=192 | T=A | 738#3 | Date of Measurement | 1934 / / * | Aquifer Sampled | 1954 * | Par. Code | 196#00400 | Value | 1974 * |

MISCELLANEOUS LOGS DATA

| | | | | | | | | |
|-------|-----|-------|----------|----------|------------|------------------|-----------|------------------|
| R=198 | T=A | 739#1 | Log Type | 199#E1 * | Req. Depth | 2004 142 * | End Depth | 2014 164 * |
| R=198 | T=A | 739#1 | Log Type | 199#D1 * | Req. Depth | 2004 101 * | End Depth | 2014 175 * |

MISCELLANEOUS NETWORK DATA

| | | | | | | | | |
|-------|-----|-------|--------------|----------|---------------|----------------|----------|----------------|
| R=114 | T=A | 730#1 | Network Type | 7064 * | Req. Year | 1154 9 * | End Year | 1164 9 * |
| R=121 | T=A | 730#1 | Analysis | 1204 * | Agency Source | 1174 * | Freq. | 1184 * |

MISCELLANEOUS REMARKS DATA

| | | | | | | |
|-------|-----|-------|-----------------|----------------------------|---------|------------------------|
| R=183 | T=A | 311#1 | Date of Remarks | 1844 / / * | Remarks | 1854 * |
|-------|-----|-------|-----------------|----------------------------|---------|------------------------|

DISCHARGE DATA

| | | | | | | |
|-------|-----|-------|---------------------------------------|------------------|---------------------------|------------------------|
| R=146 | T=A | 147#1 | 1484 12 10 11 19 8 17 * | 7034 B F * | 1504 13 10 10 * | 2724 * |
|-------|-----|-------|---------------------------------------|------------------|---------------------------|------------------------|

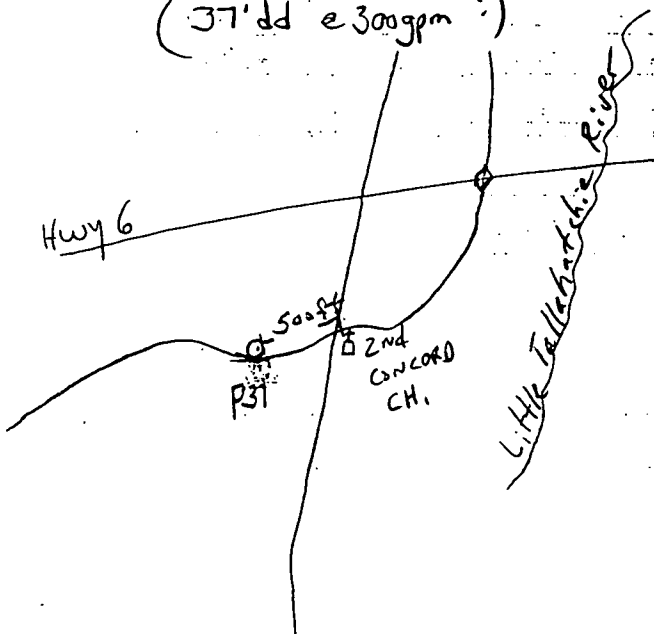
GEOHYDROLOGIC DATA

| | | | | | | | | |
|------|-----|-------|-----------|-------------------|------------|-------------------|---------|-------------------------------|
| R=90 | T=A | 721#1 | Depth Top | 914 125 * | Depth Bot. | 924 160 * | Unit Id | 934 124 W L C K * |
|------|-----|-------|-----------|-------------------|------------|-------------------|---------|-------------------------------|

HYDRAULIC DATA

| | | | | | |
|------|-----|-------|-------------|------------------------|------------|
| R=98 | T=A | 790#1 | Unit Tested | 1004 * | 1034 * |
|------|-----|-------|-------------|------------------------|------------|

4" Test well 15 gpm
 WL: 25'
 (37' dd @ 300 gpm?)



| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-----|-----------------------------------|------|-----|
| CLAY | 0 | 25 | SHALE & SAND STKS. | 400 | 450 |
| SAND | 25 | 56 | SAND & SHALE | 450 | 515 |
| COARSE SAND & PEA GR. | 56 | 120 | SAND & SHALE STKS. | 515 | 620 |
| GRAVEL & COARSE SAND | 120 | 130 | CLAY & SHALE STKS. | 620 | 681 |
| CLAY | 130 | 140 | CLAY & ROCKS | 681 | 718 |
| SHALE & STK. SAND | 140 | 180 | SANDY CLAY | 718 | 750 |
| CLAY | 180 | 227 | CLAY & SAND STKS. | 750 | 823 |
| SAND & SHALE | 227 | 282 | SANDY CLAY | 823 | 853 |
| CLAY & SHALE | 282 | 294 | ROCK | 853 | 855 |
| CLAY & STK. SAND | 294 | 360 | HARD CLAY-SANDY CLAY | 855 | 974 |
| CLAY | 360 | 400 | IF MORE SPACE IS NEEDED, USE BACK | | |

| GROUND LEVEL | |
|--------------------|-------------|
| SANDY CLAY | 974 - 1003 |
| ROCK | 1003 - 1005 |
| CLAY | 1005 - 1110 |
| SAND | 1110 - 1165 |
| ROCK | 1165 - 1166 |
| SANDY SHALE & ROCK | 1166 - 1175 |

22-3691

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
PANOLA
 WELL NUMBER **P 31** CODED
 DATE WELL COMPLETED
12-4-87

PERMIT NUMBER
Gw 7922
 NAME OF DRILLING FIRM
LAYNE-CENTRAL CO.
Cleveland, Ms

NAME & MAILING ADDRESS OF LANDOWNER
E.L.C. WATER ASSN.
P.O. BOX 800
BATESVILLE, MS 38606
 WELL LOCATION: SEC 24 TOWNSHIP 9 N RANGE 9 W
 DISTANCE 8-1/4 Miles W DIRECTION of **BATESVILLE** NEAREST TOWN
 OTHER LANDMARK
 WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
MUNICIPAL SUPPLY

PUMP DATA
 PUMP TYPE (Circle One): Submersible **Turbine** Jet Flowing Well, Other (Describe) _____
 POWER TYPE (Circle One): **Electric** Tractor Diesel Gasoline Butane Other (Describe) _____ H/P 25
 Pump Capacity (GPM) 300 No. of Stages 1 Setting Depth 60 FT.
 PUMP TEST
 Well yielded 300 GPM with a drawdown of 37 ft. after 24 hours of pumping

WELL DATA
 Well Depth 1164' Casing Diameter (In.) 16" Casing Length (Fl.) 1116'9"
 Type of Casing ST. ST. Hole Depth 1164' Depth to Static Water Level 23'6"
 TYPE OF COMPLETION: (Circle One or More): **Gravel Packed** **Underreamed** Telescoped, Natural Development, Open Hole, Other (Describe) _____
 Top of Lap Pipe or Reduction in Casing 1063'9" FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA
 TYPE OF LOG RUN (Circle One): **Electric** Gamma Ray Density Sonic Neutron Other (Describe) _____
 Name of Organization Running Log
Layne Geophysical Survey
 GEOLOGIC DATA (To be Filled In Only)
 Surface Geology, Geologic Unit, Lithology, Depth to Top, Subs. SW, Date, Analysis, Aquifer Test

SCREEN DATA
 Diameter - Inches 6" Length - Feet 40'6" Slot Size - Inches .015
 Screen Type ST. ST. Depth to Bottom - Feet 4'

Driller's Remarks
NOV 30 1988
 Department of Natural Resources
 Bureau of Land & Water Resources

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over →

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY PANOLA

Asa Quad
U.S.G.S. E-109#80

WELL OWNER Enon - Locke - Curtis W.A. CHECKED
U.S.G.S. NO. P-31 11/9/94
B.O.H. NO 540006 - 03 11/9/94
OLWR NO. MS - GW - 7922 11/9/94

LOCATION:

MAP NW, NE, SW S24, T9S, R9W 11/9/94
GPS _____

ELEV. (MSL) 173' 11/9/94
W.L. (L.S.) (1) - 29.68' 11/9/94
(2) - 29.68' 11/9/94

HEAD (MSL) + 143.32' 11/9/94

SCREENED INTERVAL 1,120' - 1,160' (LS) | - 947' - - 987' (MSL) 11/9/94

AQUIFER VERIFIED Lower Wilcox 11/9/94

PREVIOUS W.L. - 23.5' (1987) 11/9/94

DATA ENTERED _____

