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 Date 7/96

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

Well No. 6406
 E-Log No.
 County LINCOLN
 Agency

WELL RECORD

Agency Code U1S1G1S Site Id 13313521709101291213011 Project No. 5

Station Name 1261410161 MUSCIE 121-11 Latitude 9311352171 Longitude 1040961291213

Lat/Long Ac. 11 S 10 T M Disc 6-29 State 7-29 County 8-0857 Land Net 13512512511011017W121017121

Location Map 16 10R1010K1HAU1EM Altitude 1646101 Mec/Meas 17 A L 10 Accuracy 18 1 1st Hydrologic Unit 20 6131181d0615T

Agency Use SC3 A 1 10 Date Inventoried 711 Station Type 4 Data Type 804

Instru. S05 Remarks 806 Relia. 3 10 L M U 2 4 10

Date of Construction 21 09 / 11 / 11 191915 Well Use 23 0 Water Use 24 4 Primary Aquifer 714 121 CRIN4 Hole Depth 27 11215T

Well Depth 29 11210 Water Level 30 126 101 Water Level Date 31 09 / 11 / 11 191915 Method 34 1 Status 37 1 Source 33 10

CONSTRUCTION DATA

Construction Date 60 09 / 11 / 11 191915 Contractor 63 Name USCGE Method 65 1H Finish 66 1S1

CONSTRUCTION CASING DATA

| R | T | Top/Casing | Bot/Casing | Diameter |
|-----------|----------|--------------|-------------|------------------|
| <u>76</u> | <u>A</u> | <u>725#1</u> | <u>59#1</u> | <u>77 11 101</u> |
| <u>76</u> | <u>A</u> | <u>725#2</u> | <u>59#1</u> | <u>77 11 116</u> |
| <u>76</u> | <u>A</u> | <u>725#2</u> | <u>59#1</u> | <u>77 11 116</u> |
| <u>76</u> | <u>A</u> | <u>725#2</u> | <u>59#1</u> | <u>77 11 116</u> |

CONSTRUCTION OPENINGS DATA

| R | T | Top/Depth | Bot/Depth | Diameter | Type | Length | Width |
|-----------|----------|--------------|-------------|------------------|-------------------|--------------|---------------|
| <u>32</u> | <u>A</u> | <u>726#1</u> | <u>59#1</u> | <u>83 11 116</u> | <u>84 11 1210</u> | <u>37 12</u> | <u>85 1S1</u> |
| <u>32</u> | <u>A</u> | <u>726#2</u> | <u>59#1</u> | <u>83 11 116</u> | <u>84 11 1210</u> | <u>37 12</u> | <u>85 1S1</u> |

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 Date 38 Intake 44

Power H.P. 45 46 Serial No. 49

MISCELLANEOUS OWNER DATA

Date of Ownership 718#1 159 09 / 11 / 11 191915 Owner Name 161 MUSCIE 121-11

MISCELLANEOUS OTHER ID DATA

R=99 T=A 736#1 E-Log No. 190 Assigner 191 M I S S I S S I O I S T

MISCELLANEOUS GW DATA

| | | | | | | |
|-------|-----|-------|---|---|----------------------|-----------------------|
| R=192 | T=A | 738#1 | Date of Measurement 1934 / / / / / / / / / / | Aquifer Sampled 1954 / / / / / / / / / / | Temp 196400010 | Value 1974 / / / / |
| R=192 | T=A | 738#2 | Date of Measurement 1934 / / / / / / / / / / | Aquifer Sampled 1954 / / / / / / / / / / | So Cond 196400095 | Value 1974 / / / / |
| R=192 | T=A | 738#3 | Date of Measurement 1934 / / / / / / / / / / | Aquifer Sampled 1954 / / / / / / / / / / | pH 196400400 | Value 1974 / / / / |

MISCELLANEOUS LOGS DATA

| | | | | | |
|-------|-----|-------|--------------------|---------------------------------------|--------------------------------------|
| R=198 | T=A | 739#1 | Loc Type 1994 D | Sec. Depth 200 / / / / / / / / / / | End Depth 201 / / / / / / / / / / |
| R=198 | T=A | 739#1 | Loc Type 1994 / | Sec. Depth 200 / / / / / / / / / / | End Depth 201 / / / / / / / / / / |

MISCELLANEOUS NETWORK DATA $Q_{06} = Q_w \text{ wL wD } *$

| | | | | | | |
|-------|-----|-------|---------------------------------------|--------------------------------------|---|-----------------------------------|
| R=114 | T=A | 730#1 | Sec. Year 1154 / / / / / / / / / / | End Year 1164 / / / / / / / / / / | Agency Source 120=A 1174 / / / / / / / / / / | Freq. 1194 / / / / / / / / / / |
| R=121 | T=A | 730#2 | Sec. Year 1154 / / / / / / / / / / | End Year 1164 / / / / / / / / / / | Agency Source 1174 / / / / / / / / / / | Freq. 1184 / / / / / / / / / / |

MISCELLANEOUS REMARKS DATA

| | | | | |
|-------|-----|-------|--|------------------------------------|
| R=183 | T=A | 311#1 | Date of Remarks 184 / / / / / / / / / / | Remarks 185 / / / / / / / / / / |
|-------|-----|-------|--|------------------------------------|

DISCHARGE DATA

| | | | | | | |
|-------|-----|--------------------|---------------------------------|-----------------|--------------------------------------|---|
| R=146 | T=A | Pump/Flow 147#1 | Date 148 / / / / / / / / / / | Type 703 P F | Discharge 150 / / / / / / / / / / | So. Capacity 272 / / / / / / / / / / |
|-------|-----|--------------------|---------------------------------|-----------------|--------------------------------------|---|

GEOHYDROLOGIC DATA

| | | | | | | |
|------|-----|-------|-------------------------------------|--------------------------------------|-----------------------------------|-----|
| R=90 | T=A | 721#1 | Depth Top 91 / / / / / / / / / / | Depth Bot. 92 / / / / / / / / / / | Unit Id 93 / / / / / / / / / / | 304 |
|------|-----|-------|-------------------------------------|--------------------------------------|-----------------------------------|-----|

HYDRAULIC DATA

Unit Tested: 100
 Boring No: Piez-71
 Project: Brookhaven Piez
 Observer: Tarver

| STRATUM | MATERIAL | COLOR | SAMPLE DEPTH |
|---------|----------------------------------|--------|---------------|
| 0 | | | |
| 1 | s. clay ^{CL} | yellow | 0.0 / 12.0 |
| 2 | | | |
| 3 | | | |
| 4 | Silt ^{ML} w/ gravel | white | 2.0 / 13.0 |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | clay ^{CL} | white | 13.9 |
| 9 | | | |
| 0 | Gravelly | | 17.5 / 15.0 |
| 1 | | | |
| 2 | Sand ^{SP} w/ gravel lg. | | 19.9 / 112.0 |
| 3 | | | |
| 4 | Sand | | 118.8 / 120.0 |
| 5 | | | |
| 6 | | | |
| 7 | Test Clay | | 20.9 / 115.0 |