

Coded By 0 1174
 Checked By 9/28/96
 Entered By 2/2/96
 Date 1/9/96

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 393
 County JONES
 Agency _____

Well No. J82

WELL RECORD

Agency Code U S G I S Site Id 13133490892359011 Project No. 54

Station Name 12 J0821 S W JONES W IA Latitude 9313349 Longitude 1040892359

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=0671 Land Net 13=NW1W1S122T1017N1R114W1

292C

Location Map 14=SEMINARY Altitude 16=3710 Met/Meas 17=A L M Accuracy 18=15 Hydrologic Unit 20=031110101014

Agency Use 803 A I O Date Inventoried 711 Station Type 4 Data Type 804

Instru. 805 Remarks 806 Relea. 3 C L M U 2 E W X

Date of Construction 21=11/03/1994 Well Use 23=W Water Use 24=P Primary Aquifer 714=122RT144 Hole Death 27=101010

Well Depth 29=730 Water Level 30=197 Water Level Date 31=05/15/1995 Method 34= Status 37= Source 33=D

CONSTRUCTION DATA

Construction Date 60=05/15/1995 Contractor 63=0164 Name LATNE Method 65=H Finish 66=S

CONSTRUCTION CASING DATA

Top/Casing 77=1101 Bot/Casing 78=1675 Diameter 79=12

Top/Casing 77=1615 Bot/Casing 78=1680 Diameter 79=18

CONSTRUCTION OPENINGS DATA

Top/Depth 83=680 Bot/Depth 84=730 Diameter 87=18 Type 85=S Length 89= Width 88=1012

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= Date 38=05/15/1995 Intake 44=1300

Power 45= H.P. 46=1010 Serial No. 49=

MISCELLANEOUS OWNER DATA

Date of Ownership 159=05/15/1995 Owner Name 161=S W JONES W IA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190=393 Assigner 191=M I S S I D I S T Well #4

MISCELLANEOUS QW 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 E | Beg. Depth 2004 16101 | End Depth 2014 1996 |
| R=198 | T=A | 739#1 | Log Type 1994 D | Beg. Depth 2004 1119 | End Depth 2014 101012 |

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

| | | | | | | |
|-------|-----|-------|-----------------------|----------------------|-----------------------------|-----------------|
| R=114 | T=A | 730#1 | Beg. Year 1154 1 1 | End Year 1164 1 1 | Agency Source 120-A 117# | Freq. 1184 1 |
| R=121 | T=A | 730#2 | Beg. Year 1154 1 1 | End Year 1164 1 1 | Agency Source 117# | Freq. 1184 1 |

MISCELLANEOUS REMARKS DATA

| | | | | |
|-------|-----|-------|--|---------------------------|
| R=183 | T=A | 311#1 | Date of Remarks 184 05 / 115 / 119915 | Remarks 185 MSGW-14769 |
|-------|-----|-------|--|---------------------------|

DISCHARGE DATA

| | | | | | | |
|-------|-----|--------------------|-------------------------------|---------------|-------------------------|--------------------------------|
| R=146 | T=A | Pump/Flow 147#1 | Date 148 05 / 115 / 119915 | Type 703 P | Discharge 1504 15016 | So. Capacity 2724 / / / / . |
|-------|-----|--------------------|-------------------------------|---------------|-------------------------|--------------------------------|

GEOHYDROLOGIC DATA

| | | | | | | |
|------|-----|-------|------------------------|-------------------------|--------------------------|-----|
| R=90 | T=A | 721#1 | Depth Top 914 16801 | Depth Bot. 924 17301 | Unit Id 934 1122K1144 | 304 |
|------|-----|-------|------------------------|-------------------------|--------------------------|-----|

HYDRAULIC DATA

| | | | | |
|------|-----|-------|---------------------------------------|------------|
| R=96 | T=A | 790#1 | Unit Tested 1004 / / / / / / / / . | 1034 / / . |
|------|-----|-------|---------------------------------------|------------|

(Hwy 590 at Covington/Jones Ep Line)

54' d d e 506gpm

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-------|------------------------|------|--------|
| Top Soil | 0' | 5' | Shale & Clay | 870' | 1000' |
| Sandy Red Clay | 5' | 20' | | | |
| Sand & Gravel | 20' | 130' | | | |
| Clay | 130' | 230' | | | |
| Sandy Clay | 230' | 310' | | | |
| Sand | 310' | 357' | | | 90% |
| Clay & Sand streaks | 357' | 460' | | | 7 1/2% |
| Sand | 460' | 567' | | | |
| Lime & Sand streaks | 567' | 597' | | | |
| Sand & shale streaks | 597' | 718' | | | |
| Hard & Shale | 718' | 1870' | | | |