

Coded By Q 7/89
Checked By _____
Entered By _____
Date _____

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 289
County JASPER
Agency _____

Well No. M13
254C

WELL RECORD

| | | |
|---|--|--------------------------------------|
| Agency Code <u>U S I G S</u> | Site Id <u>1431210214410181851812131011</u> | Project No. <u>5</u> |
| Station Name <u>12 M0113 LAKE EDDINS</u> | Latitude <u>9321021414</u> | Longitude <u>1040181851812131</u> |

| | | | | |
|-----------------------------------|---------------------|----------------------|-------------------------|---|
| Lat/Long Ac. <u>11 S F T H</u> | Dist <u>6-28</u> | State <u>7-28</u> | County <u>8-9611</u> | NE NE Land Net <u>13 SE NW S 014 T 10 2 N R 11 3 E</u> |
|-----------------------------------|---------------------|----------------------|-------------------------|---|

| | | | | |
|---|---------------------------|-----------------------------|--------------------------|--|
| Location Map <u>14 A A C H U T A</u> | Altitude <u>16 515</u> | Met/Meas <u>17 A L M</u> | Accuracy <u>18 15</u> | Hydrologic Unit <u>20 0131170101012</u> |
|---|---------------------------|-----------------------------|--------------------------|--|

| | | | |
|--------------------------------|---|--------------------------|-------------------------|
| Agency Use <u>803 A I Q</u> | Date Inventoried <u>711 01 11 / 10 51 / 11 9 18 91</u> | Station Type <u>Y</u> | Data Type <u>804</u> |
|--------------------------------|---|--------------------------|-------------------------|

| | | | |
|-----------------------|-----------------------|----------------------------|--------------|
| Instru. <u>805</u> | Remarks <u>806</u> | Relia. <u>3 C L M U</u> | <u>2 W X</u> |
|-----------------------|-----------------------|----------------------------|--------------|

| | | | | |
|---|-------------------------|--------------------------|---|------------------------------|
| Date of Construction <u>21 07 1 / 10 51 / 11 9 18 91</u> | Well Use <u>23 W</u> | Water Use <u>24 P</u> | Primary Aquifer <u>714 1 2 4 C K F 1</u> | Hole Depth <u>27 1743</u> |
|---|-------------------------|--------------------------|---|------------------------------|

| | | | | | |
|------------------------------|------------------------------|--|---------------------|---------------------|-----------------------|
| Well Depth <u>28 1737</u> | Water Level <u>30 245</u> | Water Level Date <u>31 03 / 10 51 / 11 9 9 01</u> | Method <u>34</u> | Status <u>37</u> | Source <u>33 D</u> |
|------------------------------|------------------------------|--|---------------------|---------------------|-----------------------|

CONSTRUCTION DATA

| | | | | | | | |
|------|-----|-------|---|-------------------------------|------------------------|-----------------------|-----------------------|
| R=58 | T=A | 723#1 | Construction Date <u>60 03 / 10 51 / 11 9 9 01</u> | Contractor <u>63 41 01</u> | Name <u>A-1 Dig</u> | Method <u>65 H</u> | Finish <u>66 S</u> |
|------|-----|-------|---|-------------------------------|------------------------|-----------------------|-----------------------|

CONSTRUCTION CASING DATA

| | | | | | | |
|------|-----|-------|------|--------------------------------|------------------------------|------------------------|
| R=76 | T=A | 725#1 | 59#1 | Top/Casing <u>77 11 101</u> | Bot/Casing <u>78 1683</u> | Diameter <u>687</u> |
|------|-----|-------|------|--------------------------------|------------------------------|------------------------|

| | | | | | | | | |
|------|-----|-------|------|-------------------------------|------------------------------|------------------------|-----------------|-----------------|
| R=76 | T=A | 725#2 | 59#1 | Top/Casing <u>77 16214</u> | Bot/Casing <u>78 1695</u> | Diameter <u>687</u> | <u>77* 713*</u> | <u>78* 722*</u> |
|------|-----|-------|------|-------------------------------|------------------------------|------------------------|-----------------|-----------------|

CONSTRUCTION OPENINGS DATA

| | | | | | | | | | |
|------|-----|-------|------|-----------------------------|------------------------------|--------------------------|---------------------|---------------------|---------------------------|
| R=82 | T=A | 726#1 | 59#1 | Top/Depth <u>83 1687</u> | Bot/Depth <u>84 17113</u> | Diameter <u>87 16</u> | Type <u>85 S</u> | Length <u>89</u> | Width <u>88 101016</u> |
|------|-----|-------|------|-----------------------------|------------------------------|--------------------------|---------------------|---------------------|---------------------------|

| | | | | | | | | | |
|------|-----|-------|------|-----------------------------|-----------------------------|--------------------------|---------------------|---------------------|---------------------------|
| R=82 | T=A | 726#2 | 59#1 | Top/Depth <u>83 1725</u> | Bot/Depth <u>84 1737</u> | Diameter <u>87 16</u> | Type <u>85 S</u> | Length <u>89</u> | Width <u>88 101016</u> |
|------|-----|-------|------|-----------------------------|-----------------------------|--------------------------|---------------------|---------------------|---------------------------|

CONSTRUCTION LIFT DATA

| | | | | | |
|------|-----|-------|--------------------------|--|---------------------------|
| R=42 | T=A | 254#1 | Lift Type <u>43 S</u> | Date <u>38 03 / 10 51 / 11 9 9 01</u> | Intake <u>44 31521</u> |
|------|-----|-------|--------------------------|--|---------------------------|

| | | | |
|----------------------|------------------------|-------------------------|-------------------------------|
| Power <u>45 E</u> | H.P. <u>46 1101</u> | Serial No. <u>49</u> | <u>new pump 30 hp 272 gpm</u> |
|----------------------|------------------------|-------------------------|-------------------------------|

MISCELLANEOUS OWNER DATA

| | | | | |
|-------|-----|-------|--|--------------------------------------|
| R=158 | T=A | 718#1 | Date of Ownership <u>159 03 / 10 51 / 11 9 9 01</u> | Owner Name <u>161 LAKE EDDINS</u> |
|-------|-----|-------|--|--------------------------------------|

MISCELLANEOUS OTHER ID DATA

| | | | | |
|-------|-----|-------|-----------------------------|--|
| R=189 | T=A | 736#1 | E-Log No. <u>190 289</u> | Assigner <u>191 M I S S I S S I D I S T</u> |
|-------|-----|-------|-----------------------------|--|

MISCELLANEOUS QW DATA

| | | | | | | |
|-------|-----|-------|---|---|----------------------|---------------------------|
| R=192 | T=A | 738#1 | Date of Measurement 193# / / * | Aquifer Sampled 195# * | Temp 196#00010 | Value 197# * |
| R=192 | T=A | 738#2 | Date of Measurement 193# / / * | Aquifer Sampled 195# * | Sp Cond 196#00095 | Value 197# * |
| R=192 | T=A | 738#3 | Date of Measurement 193# / / * | Aquifer Sampled 195# * | pH 196#00400 | Value 197# * |

MISCELLANEOUS LOGS DATA

| | | | | | |
|-------|-----|-------|---------------------|------------------------------|------------------------------|
| R=198 | T=A | 739#1 | Log Type 199#E * | Beg. Depth 200# 142 * | End Depth 201# 1740 * |
| R=198 | T=A | 739#1 | Log Type 199#D * | Beg. Depth 200# 0 * | End Depth 201# 1743 * |

MISCELLANEOUS NETWORK DATA

| | | | | | | | |
|-------|-----|-------|-----------------------------|----------------------------|-----------------------------------|---------------------------|------------|
| R=114 | T=A | 730#1 | Beg. Year 115# 9 * | End Year 116# 9 * | Agency Source 120=A | Freq. 117# * | 118# * |
| R=121 | T=A | 730#2 | Beg. Year 115# 9 * | End Year 116# 9 * | Agency Source 117# * | Freq. 118# * | |

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# 03 / 105 / 119901 * | Type 703# P | Discharge 150# 98 * | Sp. Capacity 272# * |
|-------|-----|--------------------|----------------------------------|----------------|------------------------------|----------------------------------|

GEOHYDROLOGIC DATA

| | | | | | | |
|------|-----|-------|----------------------------|------------------------------|--|-------|
| R=90 | T=A | 721#1 | Depth Top 91# 570 * | Depth Bot. 92# 1730 * | Unit Id 93# 124 C C K F * | 304=P |
|------|-----|-------|----------------------------|------------------------------|--|-------|

HYDRAULIC DATA

| | | | | |
|------|-----|-------|---------------------------------------|------------|
| R=98 | T=A | 790#1 | Unit Tested 100# * | 103# * |
|------|-----|-------|---------------------------------------|------------|

12' dd @ 98 gpm / 2 hrs.

Well # 1

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | REMARKS (See Item 11) Water | THICKNESS | TO |
|---------------------------------------|------|------|-----------------------------|-----------|------|
| Sand | 0 | 26 | Sand | 4120 | 4133 |
| Yellow sandy clay | 26 | 35 | Clay | 4133 | 4137 |
| Sandy clay & sand | 35 | 52 | Clay w/ limey streaks | 4137 | 4140 |
| Gray-green clay | 52 | 242 | Rock ledges of clay | 4140 | 4146 |
| Hard streak of shaly clay | 261 | 309 | Clay | 4146 | 4146 |
| Light gray clay | 261 | 309 | Rock | 4146 | 4151 |
| Sand | 309 | 328 | Clay | 4151 | 4152 |
| Clay | 328 | 362 | Rock | 4152 | 4153 |
| Sandy clay | 362 | 373 | Clay w/ rock ledges | 4153 | 4157 |
| Sand | 373 | 4114 | Clay | 4157 | 4158 |
| Clay | 4114 | 4120 | | | |

- 556-558 - Sand
- 558-568 - Sandy clay
- 568-657 - Sand, w/ soft, oolite shells
- 657-695 - Sand w/ soft oolite
- 695-1000 - Sand and light
- 1000-1070 - Sand
- 1070-1095 - Soft sandy clay @ 11g
- 1095-1099 - Sand
- 1099-1105 - Sand
- 1105-1121 - Sandy clay
- 1121-1135 - Sand
- 1135-1143 - Sandy clay