

# 27238

### WELL RECORD

Well is located \_\_\_\_\_ miles S and \_\_\_\_\_ miles S from  
N E N  
E E  
W W

Jolly in Calhoun,  
(Nearest Town) (County)

in the \_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_

Owner City Well No. 1

Postoffice address Jolley, Iowa

Contractor R+R Well Co. Inc.

Address RR1, Ft. Dodge, IA.

Driller Lynn Rosenquist

Well begun Nov 17, 1983

completed \_\_\_\_\_, 19\_\_\_\_\_

Rig used—Cable, Rotary, Jet, or \_\_\_\_\_

Depth of well 445'  
(Feet)

Size of hole (note total amount of each size) \_\_\_\_\_

7"-153' 6 $\frac{3}{4}$ "-292'

Main water supply at 166'-320'  
(Feet below surface)

Final water head 36' Below Surface  
(Feet above or below surface)

Is well pumped? yes

Yield 33  
(Gallons per minute)

Water level when pumping 320'

Position of well level  
(Upland, valley, side hill, etc.)



| SAMPLE NO. | DEPTH |    | THICKNESS |
|------------|-------|----|-----------|
|            | From  | To |           |
| 1          | 0     | 2  | 2'        |
| 2          | 2     | 5  | 3'        |
| 3          | 5     | 10 | 5'        |
| 4          | 10    | 15 | 5'        |
| 5          | 15    | 17 | 2'        |
| 6          | 17    | 20 | 3'        |
| 7          | 20    | 25 | 5'        |
| 8          | 25    | 30 | 5'        |
| 9          | 30    | 35 | 5'        |
| 10         | 35    | 40 | 5'        |
| 11         | 40    | 45 | 5'        |
| 12         | 45    | 50 | 5'        |
| 13         | 50    | 55 | 5'        |
| 14         | 55    | 60 | 5'        |
| 15         | 60    | 65 | 5'        |
| 16         | 65    | 70 | 5'        |
| 17         | 70    | 75 | 5'        |
| 18         | 75    | 80 | 5'        |

| DESCRIPTION OF BEDS                            |      |        |
|--|------|--------|
| KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC. |      |        |
| Black  | Top  | soil   |
| yellow   | clay |        |
| "  | "    | sandy  |
| "  | "    | darker |
| "  | "    | "      |
| Blue   | clay |        |
| "  | "    | Rocky  |
| "  | "    |        |
| "  | "    |        |
| "  | "    |        |
| "  | "    | sandy  |
| "  | "    | "      |
| "  | "    | "      |
| "  | "    | —      |
| "  | "    |        |
| "  | "    |        |
| "  | "    |        |
| "  | "    |        |

| SAMPLE NO. | DEPTH |     | THICKNESS |
|------------|-------|-----|-----------|
|            | From  | To  |           |
| 19         | 80    | 85  | 5'        |
| 20         | 85    | 90  | 5'        |
| 21         | 90    | 94  | 4'        |
| 22         | 94    | 100 | 6'        |
| 23         | 100   | 105 | 5'        |
| 24         | 105   | 110 | 5'        |
| 25         | 110   | 115 | 5'        |
| 26         | 115   | 120 | 5'        |
| 27         | 120   | 122 | 2'        |
| 28         | 122   | 125 | 3'        |
| 29         | 125   | 126 | 1'        |
| 30         | 126   | 130 | 4'        |
| 31         | 130   | 133 | 3'        |
| 32         | 133   | 135 | 2'        |
| 33         | 135   | 140 | 5'        |
| 34         | 140   | 143 | 3'        |
| 35         | 143   | 144 | 1'        |
| 36         | 144   | 145 | 1'        |

| DESCRIPTION OF BEDS                            |  |  |                             |
|--|--|--|-----------------------------|
| KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC. |  |  |                             |
|  |  |  | Blue Clay                   |
|  |  |  | " " HARDER                  |
|  |  |  | yellow clay SANDY           |
|  |  |  | Blue clay "                 |
|  |  |  | yellow clay                 |
|  |  |  | Light grey clay - HARD      |
|  |  |  | " " " "                     |
|  |  |  | " " " "                     |
|  |  |  | Rock band yellow            |
|  |  |  | yellow clay                 |
|  |  |  | Rock band yellow            |
|  |  |  | shale Rock - bands          |
|  |  |  | Rock bands - brown          |
|  |  |  | Limestone - brown - crevicy |
|  |  |  | " " "                       |
|  |  |  | " " "                       |
|  |  |  | Grey Limestone              |
|  |  |  | Limestone - brown           |

| SAMPLE NO. | DEPTH |       | THICKNESS |
|------------|-------|-------|-----------|
|            | From  | To    |           |
| 37         | 145'  | 150'  | 5'        |
| 38         | 150'  | 152½' | 2.5'      |
| 39         | 152½' | 153   | .5'       |
| 40         | 153   | 155   | 2         |
| 41         | 155   | 160   | 5'        |
| 42         | 160   | 165   | 5'        |
| 43         | 165   | 166   | 1'        |
| 44         | 166   | 170   | 4'        |
| 45         | 170   | 175   | 5'        |
| 46         | 175   | 178   | 3'        |
| 47         | 178   | 178.5 | .5'       |
| 48         | 178.5 | 180.  | 1.5'      |
| 49         | 180   | 183   | 3'        |
| 50         | 183   | 185   | 2'        |
| 51         | 185   | 190   | 5'        |
| 52         | 190   | 195   | 5'        |
| 53         | 195   | 200   | 5'        |
| 54         | 200   | 204   | 4'        |

| DESCRIPTION OF BEDS                            |                       |
|--|-----------------------|
| KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC. |                       |
| Lime stone                                     | Brown                 |
| "  | "                     |
| shale break                                    | white                 |
| Water bearing                                  | Lime stone Brown      |
|  | " "                   |
|  | " "                   |
|  | " "                   |
| Grey sandstone                                 |                       |
| Brown limestone                                | hard                  |
| Greenish                                       | "                     |
| white rock                                     | sandy                 |
| Green, Brown, white                            | mixed <sup>Rock</sup> |
| Limestone                                      | Grey                  |
| "  | "                     |
| "  | "                     |
| Limestone                                      | Grey & Brn mixed      |
| "  | " " "                 |
| Shale break                                    | Green                 |

| SAMPLE NO. | DEPTH |       | THICKNESS |
|------------|-------|-------|-----------|
|            | From  | To    |           |
| 55         | 204   | 205   | 1'        |
| 56         | 205   | 210   | 5'        |
| 57         | 210   | 215   | 5'        |
| 58         | 215   | 220   | 5'        |
| 59         | 220   | 225   | 5'        |
| 60         | 225   | 230   | 5'        |
| 61         | 230   | 230.5 | .5'       |
| 62         | 230.5 | 235   | 4.5'      |
| 63         | 235   | 240   | 5'        |
| 64         | 240   | 245   | 5'        |
| 65         | 245   | 250   | 5'        |
| 66         | 250   | 255   | 5'        |
| 67         | 255   | 260   | 5'        |
| 68         | 260   | 265   | 5'        |
| 69         | 265   | 270   | 5'        |
| 70         | 270   | 275   | 5'        |
| 71         | 275   | 280   | 5'        |
| 72         | 280   | 285   | 5'        |

| DESCRIPTION OF BEDS                            |           |             |              |
|--|-----------|-------------|--------------|
| KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC. |           |             |              |
|  | Limestone | - BRN -     | some crystal |
|  | "         | Light       | Brown        |
|  | "         | "           | " HARD       |
|  | "         | "           | " CREVICY    |
|  | "         | "           | " HARD       |
|  | "         | "           | "            |
|  | shale     | BREAK       | Green        |
|  | Limestone | light BRN   | HARD         |
|  | "         | "           | "            |
| Green  | "         | Brown       | softer       |
| "  | "         | "           | "            |
| shale  | "         | "           | "            |
| "  | "         | "           | "            |
| From strata                                    | "         | "           | HARD         |
| "  | "         | "           | "            |
| upper  | "         | light Brown | "            |
| "  | "         | "           | "            |

| SAMPLE NO. | DEPTH |     | THICKNESS |
|------------|-------|-----|-----------|
|            | From  | To  |           |
| 73         | 285   | 290 | 5'        |
| 74         | 290   | 295 | 5'        |
| 75         | 295   | 300 | 5'        |
| 76         | 300   | 305 | 5'        |
| 77         | 305   | 310 | 5'        |
| 78         | 310   | 315 | 5'        |
| 79         | 315   | 320 | 5'        |
| 80         | 320   | 325 | 5'        |
| 81         | 325   | 326 | 1'        |
| 82         | 326   | 330 | 4'        |
| 83         | 330   | 335 | 5'        |
| 84         | 335   | 340 | 5'        |
| 85         | 340   | 345 | 5'        |
| 86         | 345   | 350 | 5'        |
| 87         | 350   | 355 | 5'        |
| 88         | 355   | 360 | 5'        |
| 89         | 360   | 365 | 5'        |
| 90         | 365   | 370 | 5'        |

| DESCRIPTION OF BEDS                            |                    |             |                |
|--|--------------------|-------------|----------------|
| KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC. |                    |             |                |
|  | Limestone          | light BRN   | HARD           |
|  | "                  | "           | "              |
|  | "                  | "           | "              |
|  | "                  | "           | "              |
|  | "                  | "           | "              |
|  | "                  | DARKER BRN  | Softer         |
|  | "                  | "           | "              |
|  | "                  | "           | "              |
|  | "                  | "           | "              |
|  | White crystal Rock |             | extremely HARD |
|  | Limestone          | Brown       |                |
|  | "                  | BRN. & Grey | mixed          |
|  | "                  | Grey        |                |
|  | "                  | BRN & Grey  | mixed          |
|  | "                  | Brown       | HARD           |
|  | "                  | "           | "              |
|  | "                  | BRN. Grey   | mixed          |
|  | Sandstone          | Grey        |                |
|  | "                  | "           | "              |

water bearing

| SAMPLE NO. | DEPTH |     | THICKNESS |
|------------|-------|-----|-----------|
|            | From  | To  |           |
| 91         | 370   | 375 | 5'        |
| 92         | 375   | 380 | 5'        |
| 93         | 380   | 385 | 5'        |
| 94         | 385   | 390 | 5'        |
| 95         | 390   | 395 | 5'        |
| 96         | 395   | 400 | 5'        |
| 97         | 400   | 405 | 5'        |
| 98         | 405   | 410 | 5'        |
| 99         | 410   | 415 | 5'        |
| 100        | 415   | 420 | 5'        |
| 101        | 420   | 425 | 5'        |
| 102        | 425   | 430 | 5'        |
| 103        | 430   | 435 | 5'        |
| 104        | 435   | 440 | 5'        |
| 105        | 440   | 445 | 5'        |
|            |       |     |           |
|            |       |     |           |

| DESCRIPTION OF BEDS                            |            |                     |
|--|------------|---------------------|
| KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC. |            |                     |
|  | SAND stone | Grey                |
| water bearing                                  | "          | "                   |
|  | "          | "                   |
|  | "          | "                   |
|  | "          | "                   |
|  | "          | "                   |
|  | "          | " harder            |
|  | "          | " "                 |
|  | "          | " "                 |
|  | "          | " "                 |
|  | "          | " "                 |
|  | Limestone  | Brown HARD          |
|  | "          | " HARD crumbly      |
|  | "          | Brown & Green mixed |
|  | maple mill | shale               |
|  | "          | " "                 |
|  |            |                     |
|  |            |                     |