

017262

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

File No. { Washington \_\_\_\_\_  
District \_\_\_\_\_

CORALVILLE CITY WELL - PUMPING TEST MAY 27, 1965

|                                                                  |         |     |     |                                               |  |
|------------------------------------------------------------------|---------|-----|-----|-----------------------------------------------|--|
| SWL 175' -<br>AIRLINE MEASUREMENTS TAKEN                         |         |     |     |                                               |  |
| PUMP SET @ 310'                                                  |         |     |     |                                               |  |
| DRAWDOWN                                                         |         |     |     |                                               |  |
| TIME                                                             | GPM     | DD  | PL  | REMARKS                                       |  |
| 7:50                                                             | 278     | 55  | 230 | PUMP TURNED ON - WATER CLOUDY                 |  |
| 8:20                                                             | 268     | 63  | 238 | WATER CLOUDY - PUMPING SMALL AMT. SAND        |  |
| 8:55                                                             | 268     | 64  | 239 | WATER CLEAN                                   |  |
| 9:25                                                             | 268     | 64  | 239 | "                                             |  |
| 9:28                                                             | 357     | 79  | 259 | INCREASED RATE - WATER CLEAN                  |  |
| 9:58                                                             | 343     | 95  | 270 |                                               |  |
| 10:05                                                            | SURGING |     |     | WATER SLIGHTLY CLOUDY, BUT CLEARED UP QUICKLY |  |
| 10:12                                                            |         |     |     | RESUMED PUMPING                               |  |
| 10:16                                                            | 377     | 96  | 271 | WATER CLEAN                                   |  |
| 10:30                                                            | 375     | 103 | 278 | "                                             |  |
| 10:45                                                            | 372     | 105 | 280 | "                                             |  |
| 11:00                                                            | 369     | 105 | 280 | "                                             |  |
| 11:05                                                            | 425     | 115 | 295 | INCREASED RATE "                              |  |
| 11:35                                                            | 418     | 130 | 305 |                                               |  |
| 12:00                                                            | 415     | 131 | 306 | PUMP OFF                                      |  |
|                                                                  |         |     |     |                                               |  |
| 1:00                                                             |         |     |     | PUMP ON                                       |  |
| 1:08                                                             | 425     |     |     |                                               |  |
| 1:37                                                             | 396     | 116 | 291 | SP CAPACITY/                                  |  |
| 2:05                                                             | 396     | 119 | 294 | 3.34                                          |  |
|                                                                  |         |     |     |                                               |  |
| 2.6 gal. per min. = capacity of hole - Minimum of 1500 gal. used |         |     |     |                                               |  |
|                                                                  |         |     |     |                                               |  |
| 2:50                                                             |         |     |     | TOOK WATER SAMPLE                             |  |
| 3:10                                                             | 396     | 122 | 297 | 29 GRAMS HARDNESS                             |  |
|                                                                  |         |     |     | .6 FE                                         |  |
|                                                                  |         |     |     | NO H <sub>2</sub> S                           |  |
|                                                                  |         |     |     | 40 ppm. CO <sub>2</sub>                       |  |

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017262

 SCOTT VINSON  
 CORALVILLE CITY WELL PUMPING TEST #2 6/7/65 (ATTN: ACID/24  
 W 2000 GAL)

| TIME            | G.P.M. | DD  | SWL 170'<br>PL | REMARKS                      |
|-----------------|--------|-----|----------------|------------------------------|
| 6/7/65          |        |     |                |                              |
| 7:30 AM         | 632    |     |                | PUMP ON                      |
| 7:50            |        | 118 | 288            | WATER CLEAR                  |
| 8:00            | 584    | 123 | 293            | "                            |
| 8:30            | 578    | 128 | 298            | "                            |
| 9:00            | 572    | 131 | 301            | "                            |
| 9:30            | 542    | 128 | 298            | ADJUST RPM ON PUMP           |
| 9:33            | 578    | 132 | 302            | WATER CLEAR                  |
| 9:43            | 560    | 128 | 298            | "                            |
| 10:00           | 566    | 132 | 302            | "                            |
| 10:30           | 566    | 133 | 303            | " SP. CAPACITY: 4.25         |
| 11:00           | 566    | 133 | 303            | "                            |
| 11:30           | 566    | 133 | 303            | "                            |
| 12:00 NOON      | 566    | 132 | 302            | PUMPING SMALL AMOUNT OF SAND |
| 12:30           | 566    | 132 | 302            | " " " "                      |
| 1:00 PM         | 570    | 134 | 304            | WATER CLEAR                  |
| 1:30            | 570    | 134 | 304            | " "                          |
| 2:00 PM         | 566    | 133 | 303            | " "                          |
| 2:30            | 566    | 133 | 303            | " " HEAD = 21.5'             |
| 3:00            | 566    | 133 | 303            | " " 5' on pipe 6' pipe       |
| 3:30            | 560    | 133 | 303            | " "                          |
| 4:00            | 560    | 132 | 302            |                              |
| 4:30            | 560    | 132 | 302            | sp. cap. 4.2 gpm/ft. dd      |
| 5:00            | 560    | 132 | 302            |                              |
| 6:00            | 560    | 132 | 302            |                              |
| 7:00            | 560    | 133 | 303            |                              |
| 8:00            | 560    | 133 | 303            |                              |
| 9:00            | 560    | 133 | 303            |                              |
| 10:00           | 554    | 133 | 303            |                              |
| 11:00           | 554    | 133 | 303            |                              |
| 12:00 MID-NIGHT | 554    | 133 | 303            |                              |
| 2:00 AM         | 554    | 133 | 303            |                              |

6/8/65

017262

CONRADVILLE City well Pumping Test #2

| 4/8/65     |     |          |     |  |     |  |  |  |          |  |
|------------|-----|----------|-----|--|-----|--|--|--|----------|--|
| TIME       | GPA |          | DO  |  | PL  |  |  |  |          |  |
| AM<br>4:00 | 554 |          | 133 |  |     |  |  |  |          |  |
| 6:00       | 554 |          | 133 |  | 309 |  |  |  |          |  |
| 7:30       | 554 |          | 133 |  | 303 |  |  |  | PUMP OFF |  |
|            |     | Recovery |     |  |     |  |  |  |          |  |
| 7:30 1/2   | 52  |          |     |  | 258 |  |  |  |          |  |
| 7:31       | 92  |          |     |  | 218 |  |  |  |          |  |
| 7:32       | 103 |          |     |  | 207 |  |  |  |          |  |
| 7:33       | 105 |          |     |  | 205 |  |  |  |          |  |
| 7:36       | 109 |          |     |  | 201 |  |  |  |          |  |
| 7:47       | 110 |          |     |  | 200 |  |  |  |          |  |
| 8:00       | 112 |          |     |  | 198 |  |  |  |          |  |