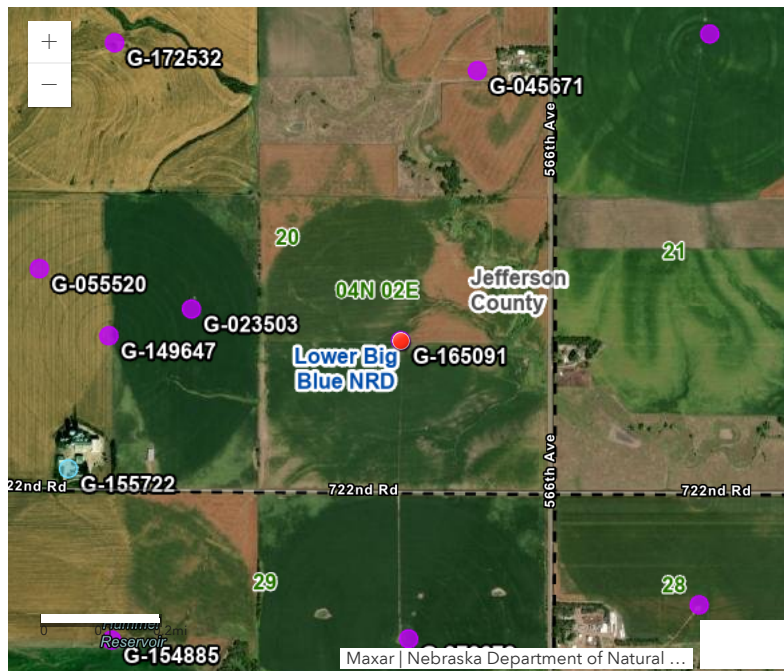


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Processed: 3/30/2023 10:10:23 AM

Registration number G-165091

Note: Missing Data Indicates that the Information is Not Available Electronically.



| Registration#<br>Well ID<br>Permit Number                                                                             | Use<br>Status                                   | County<br>Name<br>NRD Name<br>Well<br>Location<br>Footage<br>Latitude<br>Longitude                                | Completion Date<br>Filing Date<br>Decommission Date<br>Times Replaced<br>Online Registration ID<br>(NOLID)<br>Well Driller License<br>Number | Acres Irrigated<br>Gallons/Minute<br>Static Level<br>Pumping Level<br>Series | Pump Column<br>Diameter<br>Pump Depth<br>Well Depth |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------|
| G-165091<br>WellID: 220323<br>771<br>View Scans (/Dynamic/PublicScans/PublicScanDisplay/WellScans?referenceId=220323) | I - Irrigation<br>A - Active<br>Registered Well | Jefferson<br>Lower Big<br>Blue<br>4N 2E 20<br>NWSE<br>1362S<br>1381E<br>40° 17'<br>43.500"<br>-97° 13'<br>20.900" | 12/4/2012<br>12/12/2012<br><br>135524068325492<br>3919403                                                                                    | 135<br>1000 gpm<br>96 ft<br>104 ft<br>PRO - Single<br>Project                | 8 in<br>160 ft<br>271 ft                            |

| Owner ID | Name/Entity     | Address             | Address 2 | City, State, Zip   |
|----------|-----------------|---------------------|-----------|--------------------|
| 122164   | Maschman Ag Inc | 1123 Central Avenue |           | Humboldt, NE 68376 |

|                   |  |
|-------------------|--|
| Spacing Permit    |  |
| Municipal Permit  |  |
| Geothermal Permit |  |

|                                                    |                                         |
|----------------------------------------------------|-----------------------------------------|
| Industrial Permit                                  |                                         |
| Permit to Transfer Ground Water to Adjoining State |                                         |
| Surface Water Appropriation                        |                                         |
| Permit to Conduct Water in a Stream                |                                         |
| Street Address and/or Subdivision                  |                                         |
| Block                                              |                                         |
| Lot                                                |                                         |
| Well Reference Letter(s)                           |                                         |
| Pump Installation Date                             | 12/4/2012                               |
| Pump Installer ID                                  | 39454                                   |
| Nrd Permit Date                                    | 9/26/2012                               |
| Bore Hole Diameter in inches                       | 30                                      |
| Industrial Ground Water Transfer Notice            |                                         |
| <b>Well Driller Information</b>                    |                                         |
| Name                                               | Loren C. Taylor                         |
| License Number                                     | 3919403                                 |
| <b>Well Driller Employer Information</b>           |                                         |
| Name                                               | Charles Sargent Irrigation Inc - Geneva |
| City, State and Zip                                | Geneva, NE 68361                        |
| Phone                                              | 4027593902                              |

Geo Logs    Print Friendly Geo Logs (/Dynamic/Wells/Wells/PrintFriendlyGeoLogs?WellId=220323)

| FromDepth | ToDepth | Description      | Color | Density     | Composition     |
|-----------|---------|------------------|-------|-------------|-----------------|
| 0         | 20      | brown clay       | Brown | Loose       | Top Soil        |
| 20        | 40      | & tan            | Brown | Loose       | Clay            |
| 40        | 55      |                  | Brown | Dense/Stiff | Clay            |
| 55        | 60      |                  | Brown | Dense/Stiff | Sandy Clay      |
| 60        | 80      | clay layers      | Tan   | Loose       | Fine Sand       |
| 80        | 88      |                  | Tan   | Loose       | Fine Sand       |
| 88        | 98      | & blue           | Tan   | Dense/Stiff | Clay            |
| 98        | 100     |                  | Tan   | Dense/Stiff | Sand fine-med   |
| 100       | 108     |                  | Tan   | Dense/Stiff | Fine Sand       |
| 108       | 120     | medium gravel    | Tan   | Dense/Stiff | Sand med-coarse |
| 120       | 140     | fine gravel      | Tan   | Dense/Stiff | Sand med-coarse |
| 140       | 160     | fine sand layer  | Tan   | Dense/Stiff | Sand med-coarse |
| 160       | 180     | medium gravel    | Tan   | Dense/Stiff | Sand med-coarse |
| 180       | 200     | brown clay strip | Tan   | Dense/Stiff | Sand med-coarse |
| 200       | 220     | trace of gravel  | Tan   | Dense/Stiff | Sand fine-med   |

| FromDepth | ToDepth | Description   | Color | Density     | Composition     |
|-----------|---------|---------------|-------|-------------|-----------------|
| 220       | 240     | clay strips   | Tan   | Dense/Stiff | Sand fine-med   |
| 240       | 260     | fine gravel   | Tan   | Dense/Stiff | Sand fine-med   |
| 260       | 280     | medium gravel | Tan   | Dense/Stiff | Sand fine-med   |
| 280       | 300     | clay strip    | Tan   | Dense/Stiff | Sand med-coarse |

Casing and Screen      [Print Friendly Case Screens \(/Dynamic/Wells/Wells/PrintFriendlyCaseScreens?WellId=220323\)](#)

| FromDepth | ToDepth | CaseOrScreen | InsideDiam | OutsideDiam | CaseThickness | Material | ScrnSlotSize | ScreenTname | ScrnGuides |
|-----------|---------|--------------|------------|-------------|---------------|----------|--------------|-------------|------------|
| 0         | 191     | casing       | 14.75      | 16          | 0.625         | Plastic  |              | PVC         |            |
| 191       | 271     | screen       | 14.75      | 16          | 0.625         | Plastic  | 0.05         | PVC         |            |

Grout and Gravel      [Print Friendly Grout Gravel \(/Dynamic/Wells/Wells/PrintFriendlyGroutGravel?WellId=220323\)](#)

| FromDepth | ToDepth | GroutOrGravel | Material         | Quantity       | Volume        | SubTableNo |
|-----------|---------|---------------|------------------|----------------|---------------|------------|
| 5         | 10      | grout         | Bentonite Seal   |                | .5 Super Sack | 1          |
| 10        | 95      | gravel        | Gravel Well Pack | 17 Cubic Yards |               | 1          |
| 95        | 100     | grout         | Bentonite Seal   |                | .5 Super Sack | 1          |
| 100       | 271     | gravel        | Gravel Well Pack | 37 Cubic Yards |               | 1          |