

|   |   |                             |                                 |                                  |
|---|---|-----------------------------|---------------------------------|----------------------------------|
| 1 LOCATION OF WATER WELL:<br>County <b>Marshall</b> | Fraction<br><b>NW 1/4 NW 1/4 SW 1/4</b> | Section Number<br><b>28</b> | Township Number<br><b>T 4 S</b> | Range Number<br><b>R 8 (E/W)</b> |
|---|---|-----------------------------|---------------------------------|----------------------------------|

Distance and direction from nearest town or city street address of well if located within city?

**5 1/2 East, 1/2 South of Blue Rapids**

2 WATER WELL OWNER: **Tom Northrop/ N Scheidt**  
 RR#, St. Address, Box # : **3433 Chimney Rock Rd**  
 City, State, ZIP Code : **Manhattan, KS 66503**  
 Board of Agriculture, Division of Water Resources  
 Application Number:

|  |  |
|--|--|
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL <b>80</b> ft. ELEVATION: |
|--|--|

Depth(s) Groundwater Encountered 1 ..... ft. 2 ..... ft. 3 ..... ft.

WELL'S STATIC WATER LEVEL **25** ft. below land surface measured on mo/day/yr **9/16/04**

Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm

Est. Yield **2.2** gpm: Well water was ..... ft. after ..... hours pumping ..... gpm

WELL WATER TO BE USED AS:

|                       |                    |                            |
|-----------------------|--------------------|----------------------------|
| 5 Public water supply | 8 Air conditioning | 11 Injection well          |
| 1 Domestic            | 3 Feedlot          | 6 Oil field water supply   |
| 2 Irrigation          | 4 Industrial       | 7 Domestic (lawn & garden) |
|                       |                    | 9 Dewatering               |
|                       |                    | 12 Other (Specify below)   |

**Livestock**

Was a chemical/bacteriological sample submitted to Department? Yes ..... No **\*** .....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes **\*** No

5 TYPE OF BLANK CASING USED:

|              |            |                   |                         |                                       |
|--------------|------------|-------------------|-------------------------|---------------------------------------|
| 1 Steel      | 3 RMP (SR) | 5 Wrought iron    | 8 Concrete tile         | CASING JOINTS: Glued <b>*</b> Clamped |
| <b>2 PVC</b> | 4 ABS      | 6 Asbestos-Cement | 9 Other (specify below) | Welded                                |
|              |            | 7 Fiberglass      |                         | Threaded                              |

Blank casing diameter **5** in. to **30** ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.

Casing height above land surface **18** in., weight **200** lbs./ft. Wall thickness or guage No. **265**

TYPE OF SCREEN OR PERFORATION MATERIAL:

|         |                    |                 |              |                          |
|---------|--------------------|-----------------|--------------|--------------------------|
| 1 Steel | 3 Stainless Steel  | 5 Fiberglass    | <b>7 PVC</b> | 10 Asbestos-Cement       |
| 2 Brass | 4 Galvanized Steel | 6 Concrete tile | 8 RMP (SR)   | 11 Other (Specify)       |
|         |                    |                 | 9 ABS        | 12 None used (open hole) |

SCREEN OR PERFORATION OPENINGS ARE:

|                    |               |                  |                    |                     |
|--------------------|---------------|------------------|--------------------|---------------------|
| 1 Continuous slot  | 3 Mill slot   | 5 Gauzed wrapped | <b>8 Saw cut</b>   | 11 None (open hole) |
| 2 Louvered shutter | 4 Key punched | 6 Wire wrapped   | 9 Drilled holes    |                     |
|                    |               | 7 Torch cut      | 10 Other (specify) | ft.                 |

SCREEN-PERFORATED INTERVALS: From **30** ft. to **50** ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From **25** ft. to **80** ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout **3 Bentonite** 4 Other

Grout Intervals: From **5** ft. to **25** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:

|                          |                 |                 |                        |                          |
|--------------------------|-----------------|-----------------|------------------------|--------------------------|
| 1 Septic tank            | 4 Lateral lines | 7 Pit privy     | 10 Livestock pens      | 14 Abandoned water well  |
| 2 Sewer lines            | 5 Cess pool     | 8 Sewage lagoon | 11 Fuel storage        | 15 Oil well/Gas well     |
| 3 Watertight sewer lines | 6 Seepage pit   | 9 Feedyard      | 12 Fertilizer storage  | 16 Other (specify below) |
|                          |                 |                 | 13 Insecticide storage |                          |

Direction from well? **North** How many feet? **300**

| FROM | TO | LITHOLOGIC LOG    | FROM | TO | PLUGGING INTERVALS |
|------|----|-------------------|------|----|--------------------|
| 0    | 9  | Brown Clay        |      |    |                    |
| 9    | 12 | Limestone         |      |    |                    |
| 12   | 20 | Gray Shale        |      |    |                    |
| 20   | 22 | Limestone & Shale |      |    |                    |
| 22   | 25 | Gray Shale        |      |    |                    |
| 25   | 26 | Red Shale         |      |    |                    |
| 26   | 32 | Gray Shale        |      |    |                    |
| 32   | 34 | Limestone         |      |    |                    |
| 34   | 43 | Gray Shale        |      |    |                    |
| 43   | 52 | Light Blue Shale  |      |    |                    |
| 52   | 67 | Red Shale         |      |    |                    |
| 67   | 82 | Gray Shale        |      |    |                    |

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **9/16/04** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **518** This Water Well Record was completed on (mo/day/yr) **10/1/04** under the business name of **Blue Valley Drilling** by (signature) *Eric Smith*