

| | | | | |
|---------------------------|-----------------------------|----------------|-----------------|---|
| 1 LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number |
| County: <u>Marshall</u> | <u>SE 1/4 SE 1/4 NE 1/4</u> | <u>31</u> | <u>T 3 S</u> | <u>R 8</u> EW |

Distance and direction from nearest town or city street address of well if located within city?
4 West, 1 1/2 South of Winifred

2 WATER WELL OWNER: Michael W. Otoole
 RR#, St. Address, Box # : 510 S 14 Marysville, Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Marysville, KS. 66508 Application Number: _____

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

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

WELL'S STATIC WATER LEVEL 35 ft. below land surface measured on mo/day/yr 4/21/97

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

Est. Yield 10-15 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm

Bore Hole Diameter 9 in. to 82 ft., and _____ in. to _____ ft.

WELL WATER TO BE USED AS:

| | | | | |
|-------------------|--------------|--------------------------|--------------------|--------------------------|
| <u>1</u> Domestic | 3 Feedlot | 6 Oil field water supply | 9 Dewatering | 12 Other (Specify below) |
| 2 Irrigation | 4 Industrial | 7 Lawn and garden only | 10 Monitoring well | |

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

5 TYPE OF BLANK CASING USED:

| | | | | |
|--------------|------------|-------------------|-------------------------|----------------|
| 1 Steel | 3 RMP (SR) | 6 Asbestos-Cement | 9 Other (specify below) | Welded _____ |
| <u>2 PVC</u> | 4 ABS | 7 Fiberglass | | Threaded _____ |

Blank casing diameter 5 in. to 40 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.

Casing height above land surface 18 in., weight 200 lbs./ft. Wall thickness or gauge No. _____

TYPE OF SCREEN OR PERFORATION MATERIAL:

| | | | | |
|---------|--------------------|-----------------|--------------|--------------------------|
| 1 Steel | 3 Stainless steel | 5 Fiberglass | <u>7 PVC</u> | 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:

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

SCREEN-PERFORATED INTERVALS: From 40 ft. to 80 ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 30 ft. to 80 ft., From _____ ft. to _____ ft.

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

Grout Intervals: From 0 ft. to 30 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? None Present How many feet? _____

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|----|------------------------------|------|----|--------------------|
| 0 | 7 | Brown Clay | | | |
| 7 | 19 | Limestone & Shale | | | |
| 19 | 24 | Gray Shale | | | |
| 24 | 39 | Red Shale | | | |
| 39 | 48 | Tan Shale Limetstone (Water) | | | |
| 48 | 66 | Gray Shale | | | |
| 66 | 68 | Tan Shale | | | |
| 68 | 77 | Red Shale | | | |
| 77 | 80 | Tan SHale | | | |
| 80 | 82 | Gray SHale & Gypsum | | | |

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) 4/21/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo/day/yr) 4/22/97 under the business name of Blue Valley Drilling by (signature) [Signature]