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| 1 LOCATION OF WATER WELL: County: <u>Greeley</u> | Fraction <u>NE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ | Section Number <u>4</u> | Township Number <u>T</u> <u>16</u> <u>S</u> | Range Number <u>R</u> <u>42</u> <u>EW</u> |
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Distance and direction from nearest town or city street address of well if located within city?

13 South 11 West of Sharon Springs

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| 2 WATER WELL OWNER: <u>Diana Gum</u> | <u>Murfin Drilling</u> |
| RR#, St. Address, Box # : <u>Box 661</u> | Board of Agriculture, Division of Water Resources |
| City, State, ZIP Code : <u>Littleton, CO</u> | <u>Colby, KS 67701</u> |
| | Application Number: <u>T86-150</u> |

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| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL: <u>246</u> ft. ELEVATION: |
| | Depth(s) Groundwater Encountered <u>1</u> ft. <u>2</u> ft. <u>3</u> ft. WELL'S STATIC WATER LEVEL <u>221</u> ft. below land surface measured on mo/day/yr <u>3-17-86</u> Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter <u>9</u> in. to <u>246</u> ft., and in. to ft. WELL WATER TO BE USED AS: <u>5</u> Public water supply <u>8</u> Air conditioning <u>11</u> Injection well <u>1</u> Domestic <u>3</u> Feedlot <u>6</u> Oil field water supply <u>9</u> Dewatering <u>12</u> Other (Specify below) <u>2</u> Irrigation <u>4</u> Industrial <u>7</u> Lawn and garden only <u>10</u> Observation well Was a chemical/bacteriological sample submitted to Department? Yes.....No <u>X</u>; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes.....No <u>X</u> |

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| 5 TYPE OF BLANK CASING USED: | 5 Wrought iron | 8 Concrete tile | CASING JOINTS: Glued <u>X</u>Clamped..... |
| 1 Steel | 3 RMP (SR) | 6 Asbestos-Cement | 9 Other (specify below) |
| 2 PVC | 4 ABS | 7 Fiberglass | Welded..... |
| Blank casing diameter <u>5</u> in. to ft., Dia. in. to ft., Dia. in. to ft. | | | Threaded..... |
| Casing height above land surface <u>12</u> in., weight <u>287</u> lbs./ft. Wall thickness or gauge No. <u>265</u> | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: | 7 PVC | 10 Asbestos-cement | |
| 1 Steel | 3 Stainless steel | 5 Fiberglass | 8 RMP (SR) |
| 2 Brass | 4 Galvanized steel | 6 Concrete tile | 9 ABS |
| SCREEN OR PERFORATION OPENINGS ARE: | 5 Gauzed wrapped | 8 Saw cut | 11 None (open hole) |
| 1 Continuous slot | 3 Mill slot | 6 Wire wrapped | 9 Drilled holes |
| 2 Louvered shutter | 4 Key punched | 7 Torch cut | 10 Other (specify) |
| SCREEN-PERFORATED INTERVALS: From <u>226</u> ft. to <u>246</u> ft., From ft. to ft. | | | |
| GRAVEL PACK INTERVALS: From <u>10</u> ft. to <u>246</u> ft., From ft. to ft. | | | |

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| 6 GROUT MATERIAL: | 1 Neat cement | 2 Cement grout | 3 Bentonite | 4 Other |
| Grout intervals: From <u>0</u> ft. to <u>10</u> 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 |
| 2 Sewer lines | 5 Cess pool | 8 Sewage lagoon | 11 Fuel storage | 14 Abandoned water well |
| 3 Watertight sewer lines | 6 Seepage pit | 9 Feedyard | 12 Fertilizer storage | 15 Oil well/Gas well |
| | | | 13 Insecticide storage | 16 Other (specify below) |
| Direction from well? <u>Southwest</u> | | | How many feet? <u>200</u> | |

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|-----|-------------------------|------|-----|----------------|
| 0 | 3 | Surface | 209 | 217 | Caliche |
| 3 | 28 | Clay | 217 | 222 | Clay |
| 28 | 103 | Caliche & Clay | 222 | 227 | Cemented Sand |
| 103 | 110 | Medium Sand | 227 | 245 | Medium Sand |
| 110 | 147 | Clay | 245 | 250 | Ochre |
| 147 | 156 | Medium Sand | 250 | | Shale |
| 156 | 162 | Clay | | | |
| 162 | 164 | Medium Sand | | | |
| 164 | 176 | Cemented Sand & Caliche | | | |
| 176 | 179 | Medium Sand | | | |
| 179 | 186 | Clay | | | |
| 186 | 193 | Caliche | | | |
| 193 | 198 | Clay | | | |
| 198 | 203 | Medium Sand | | | |
| 203 | 209 | Clay | | | |

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| 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) <u>3-17-86</u> and this record is true to the best of my knowledge and belief. Kansas |
| Water Well Contractor's License No. <u>394</u> This Water Well Record was completed on (mo/day/yr) <u>4-28-86</u> |
| under the business name <u>Woofert Pump & Well</u> by (signature) <u>Walter Woofert</u> |

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.