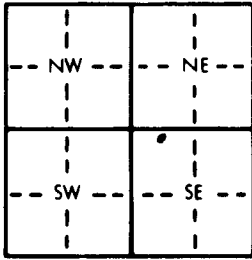


1 LOCATION OF WATER WELL: **Section Number 26 Township Number T 34 S Range Number R 33 E**
 County: **Seward** **NE NW SE SW**

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

2 WATER WELL OWNER: **Cathie Amarine**
 RR#, St. Address, Box # :
 City, State, ZIP Code : **Liberal, KS 67901**
 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: **320** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **165** ft. below land surface measured on mo/day/yr **7-7-98**
 Pump test data: Well water was **165** ft. after **1** hours pumping **30** gpm
 Est. Yield **50** gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **8 3/4** in. to **320** ft. and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well
 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 12 Other (Specify below)
 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) 6 Asbestos-Cement 9 Other (specify below) Welded _____
 PVC 4 ABS 7 Fiberglass _____ Threaded _____
 Blank casing diameter: **5** in. to **280** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: **18** in., weight _____ lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass PVC 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 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 **280** ft. to **320** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **320** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other _____
 Grout Intervals: From **4** ft. to **20** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 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? **N** How many feet? **75**

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|-----|----------------------------------|------|----|--------------------|
| 0 | 10 | sandy Topsoil | | | |
| 10 | 18 | sand | | | |
| 18 | 30 | brown clay | | | |
| 30 | 40 | sand | | | |
| 40 | 90 | brown clay | | | |
| 90 | 100 | sand + gravel | | | |
| 100 | 150 | brown clay | | | |
| 150 | 160 | sand + gravel | | | |
| 160 | 170 | brown clay | | | |
| 170 | 220 | sand + gravel w/ streaks of clay | | | |

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **7-7-98** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **101** This Water Well Record was completed on (mo/day/yr) **7-9-98** under the business name of **Bartel Well Drilling, Inc** by (signature) **Reuben J. Bartel**

OFFICE USE ONLY
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SEC.
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