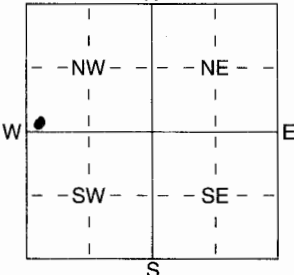


1 LOCATION OF WATER WELL: Fraction S00 SW NW Section Number 33 Township Number T 34 S Range Number R 32 E00
 County: Seward

Distance and direction from nearest town or city street address of well if located within city?
SE + 1/2 N from Liberal

2 WATER WELL OWNER: Richard Martin
 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 280 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1 186 ft. 2 186 ft. 3 186 ft.
 WELL'S STATIC WATER LEVEL 186 ft. below land surface measured on mo/day/yr
 Pump test data: Well water was 186 ft. after 1 hours pumping 20 gpm
 Est. Yield 50 gpm: Well water was 186 ft. after 1 hours pumping 20 gpm
 WELL WATER TO BE USED AS:
 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well
 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 ✓ Clamped
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 Blank casing diameter 5 in. to 220 ft., Dia 220 in. to 220 ft., Dia 220 in. to 220 ft.
 Casing height above land surface 18 in., weight 200 lbs./ft. Wall thickness or gauge No. 200
 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 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 220 ft. to 280 ft., From 220 ft. to 280 ft., From 220 ft. to 280 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 280 ft., From 20 ft. to 280 ft., From 20 ft. to 280 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other
 Grout Intervals: From 4 ft. to 20 ft., From 4 ft. to 20 ft., From 4 ft. to 20 ft., From 4 ft. to 20 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)
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	sandy top soil			
4	12	brown clay			
12	18	clayey			
18	24	sand			
24	38	brown clay			
38	42	sand			
42	56	clayey			
56	90	brown clay			
90	95	sand			
95	128	brown clay			
128	147	sand + gravel			
147	150	brown clay			
150	280	sand + gravel			

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) 4-22-03 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 101 This Water Well Record was completed on (mo/day/yr) 4-23-03 under the business name of Bartel Well Drilling, Inc. by (signature) Ruben J. Bartel