

1] LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Ellis</u>	<u>SE ¼ SE ¼ NE ¼</u>	<u>32</u>	<u>T 13 S</u>	<u>R 18 E/W</u>

Distance and direction from nearest town or city street address of well if located within city?
1/2 mile west of Hays on 12th - 1505B W 12th

2] WATER WELL OWNER: Richard Unrein Est
 RR#, St. Address, Box # : c/o Scott Unrein
 City, State, ZIP Code : 5844 Cole Way
Arvada CO 80004
 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: 55 ft. ELEVATION: valley
 Depth(s) Groundwater Encountered 1. 26 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 18 ft. below land surface measured on mo/day/yr 10/22/01
 Pump test data: Well water was 24 ft. after 2 hours pumping 30 gpm
 Est. Yield 30 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter 10 in. to 55 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS: 1 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. X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes X No _____

5] TYPE OF BLANK CASING USED: 2 _____ 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued. X Clamped. _____
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded. _____
 2 PVC 4 ABS 7 Fiberglass _____ Threaded. _____
 Blank casing diameter 5 in. to 35 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 24 in., weight 2.29 lbs./ft. Wall thickness or gauge No. 26

TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 8 _____ 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) _____ ft.
 SCREEN-PERFORATED INTERVALS: From 55 ft. to 35 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 55 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6] GROUT MATERIAL: 3 _____ 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0 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? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	8	Topsoil			
8	26	Gumbo			
26	28	Sand			
28	31	Clay			
31	46	Dirty gravel with river mud			
46	55	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) 10/22/01 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 199 This Water Well Record was completed on (mo/day/yr) 11/13/01 under the business name of Karst Water Well Drilling & Service, Inc. by (signature) Melker