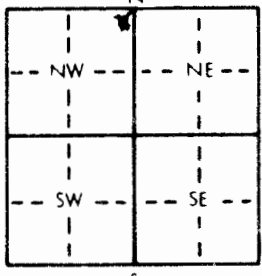


1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NW 1/4 Section Number 21 Township Number T 27 S Range Number R 28 E/W  
 County: Gray

Distance and direction from nearest town or city street address of well if located within city?  
 6 1/2 Miles North 2 1/2 East of Montezuma

2 WATER WELL OWNER: Charles Markel  
 RR#, St. Address, Box #: Route 2 Box 9 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Cimarron, Kansas 67835 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 290 ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 230 ft. 2. 240 ft. 3. 255 ft.  
 WELL'S STATIC WATER LEVEL 230 ft. below land surface measured on mo/day/yr 9-20-94  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield 10 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter 10 in. to 290 ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 1 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 submitted \_\_\_\_\_  
 Water Well Disinfected? Yes  No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued  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 0-250 ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface 24 in. weight \_\_\_\_\_ lbs. ft. Wall thickness or gauge No. .316  
 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: 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 250 ft. to 290 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 290 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other \_\_\_\_\_  
 Grout intervals: From 20 ft. to 0 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From 0 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)  
 13 Insecticide storage  
 Direction from well? 40' (plugged) How many feet? West

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	20	Topsoil & Fine Sand	240	248	Sand
20	90	Clay & little Lime & little fine sand	248	255	Clay & little lime
90	97	Sand & Gravel	255	262	Sand & little clay
97	105	Clay	262	264	Cemented Sand (hard)
105	120	Sand & little clay	264	268	Clay
120	135	Clay & little lime	268	290	Shale
135	138	Lime (very hard)			
138	150	Clay & lime (hard)			
150	165	Clay & sand			
165	180	Sand & little clay			
180	195	Clay (gummy)			
195	210	Clay & little lime			
210	225	Clay & lime			
225	238	Sand			
238	240	Clay & little lime			

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) 9-23-94 and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. 223 This Water Well Record was completed on (mo/day/yr) 10-10-94  
 under the business name of Dunham Drilling Co. by (signature) Karen Dunham

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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

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