

1 LOCATION OF WATER WELL: County: <u>Kearny</u>	Fraction <u>SW 1/4 SW 1/4 SW 1/4</u>	Section Number <u>8</u>	Township Number <u>T 24 S</u>	Range Number <u>R 35 E</u> <u>(W)</u>
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Distance and direction from nearest town or city street address of well if located within city?

Approximately 3 miles West of Deerfield, Ks.

2 WATER WELL OWNER: Carl Bentrup
 RR#, St. Address, Box #: RFD
 City, State, ZIP Code: Deerfield, Ks. 67838
 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: <u>355</u> ft. ELEVATION:
	Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: <u>62</u> ft. below land surface measured on mo/day/yr <u>9/15/89</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 7/8</u> in. to <u>355</u> 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 Lawn and garden only 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:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>X</u> Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing diameter: 5 in. to 355 ft. Dia. in. to ft. Dia. in. to ft.
 Casing height above land surface: 12 in., weight 2.78 lbs./ft. Wall thickness or gauge No. .291W

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify)
				12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	3 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 315 ft. to 355 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 210 ft., From 220 ft. to 355 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 0 ft. to 20 ft., From 210 ft. to 220 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	<u>14 Abandoned water well</u>
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? South How many feet? 75

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See log attached.			

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) 9/11/89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 1/3/90 under the business name of Henkle Drilling & Supply Company, Inc. by (signature) Bruce J. Kirshenblatt

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 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

DRILLERS TEST LOG

CUSTOMER'S NAME: Carl Bentrup DATE: 9/13/89
 STREET ADDRESS: RFD TEST # 1 E. LOG Yes
 CITY & STATE: Lakin, Ks. 67838 DRILLER Shelden
 COUNTY Kearny QUARTER SW SECTION 8 TOWNSHIP 24 RANGE 35

LOCATION 75' North of the old well.

WELL LOCATION

Z	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL:	
	From	Pay	TO		Proposed Well Depth:	
	0		2	Top soil.		
	2		58	Brown sandy clay.		
	58		84	Sand fine to medium coarse. Small gravel.		
	84		103	Gray & black clay & limerock ledge.		
	103		190	Sand fine to medium coarse. Small gravel w/some small clay streaks.		
	190		198	Brown clay.		
65	198	10	208	Sand fine to medium coarse.		
	208		228	Brown sandy clay & some fine sand streaks.		
65	228	14	242	Sand fine to medium coarse. Small brown & white rock.		
	242		247	Brown sandy clay.		
70	247	17	264	Sand fine to medium coarse. Small brown & black rock.		
	264		268	Brown sandy clay.		
60	268	16	284	Sand fine to medium coarse, some small gravel.		
	284		291	Brown sandy clay & sand streaks.		
60	291	22	313	Sand fine to medium coarse, some small gravel.		
	313		326	Brown sandy clay & fine sand streaks.		
75	326	5	331	Sand fine to medium coarse. Small to some medium brown & black rock		
50	331	16	347	Sand fine to medium coarse. Small white rock & some small clay streaks.		
75	347	8	355	White rock ledges & sand.		
	355		382	Yellow & gray soapstone w/some hard black shale streaks.		
				TD = 355'		
				5" PVC		
					PERF	PLAIN
				355' - 315'	40'	
				315' - 0'		315'
				Total	40'	315'
				Bentonite Well Seal from 210' - 220'.		
				2 - 5 gallon buckets bentonite pellets		
				2 - 50# Bags Hi-Tek		
				6 - 50# Bags Hole Plug		
				1 - Set 4 3/4" Drag Blades		
				2 - 5" PVC Caps		
				1/4 of 9 7/8" Bit Life		

GARDEN CITY, KS 67846
 3795 West Jones Ave.

HENKLE DRILLING & SUPPLY CO., INC.

316-277-2389

IRRIGATION HEADQUARTERS

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS