

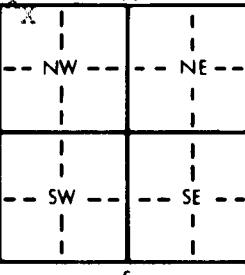
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:			Fraction NW 1/4 NW 1/4 NW 1/4	Section Number 7	Township Number T 29 S	Range Number R 30 E/W
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Distance and direction from nearest town or city street address of well if located within city?

1 Mile West & 1/4 Mile North of Copeland

2 WATER WELL OWNER: Leone McDougal Trust			Board of Agriculture, Division of Water Resources			
RR#, St. Address, Box # : Route 2 Box 81			Application Number: 10152			
City, State, ZIP Code : Copeland, Kansas 67837						

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: 390 ft. ELEVATION: 360 ft.			
			Depth(s) Groundwater Encountered 1. 302 ft. 2. 381 ft. WELL'S STATIC WATER LEVEL 238 ft. below land surface measured on mo/day/yr 9-29-91 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 26 in. to 390 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <input checked="" type="checkbox"/> 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 Threaded
2 PVC	4 ABS	7 Fiberglass	riveted

Blank casing diameter 16 in. to 330 ft. Dia. in. to ft. Dia. in. to ft. Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	7 PVC	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	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	12 Other (specify)
7 Torch cut				

SCREEN-PERFORATED INTERVALS: From 330 ft. to 390 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 ft. to 390 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 0 ft. to 20 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)

Direction from well? 3 mile west How many feet? 3 mile

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	15	Topsoil & clay	203	204	Lime (very hard)
15	30	Clay & little lime	204	210	Clay & little lime
30	45	Clay & little lime & little f. sand	210	220	Clay (blue)
45	60	Clay & little lime	220	229	Sand
60	75	Clay & little lime & sand	229	234	Clay
75	80	Sand & little cemented sand (hard)	234	238	Sand
80	85	Clay & lime	238	241	Cemented Sand (hard)
85	90	Clay	241	255	Sand
90	105	Clay & sand	255	270	Sand & 1' clay
105	120	Sand & clay & little lime	270	285	Sand & 1' clay
120	135	Sand & little clay	285	290	Sand
135	150	Sand	290	300	Clay & 1' Sand (gray & cavy)
150	165	Sand & little clay	300	301	Clay (gray & cavy)
165	195	Sand	301	302	Cemented Sand (hard)
195	203	Sand & 3' clay	302	343	Sand

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) <u>reconstructed</u> , or (3) <u>plugged</u> under my jurisdiction and was completed on (mo/day/year) 10-2-91 and this record is true to the best of my knowledge and belief. Kansas		
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Water Well Contractor's License No. 223 This Water Well Record was completed on (mo/day/yr) 10-29-90 under the business name of Dunham Drilling Company by (signature) Karen Dunham

343 346 Cemented sand (very hard)
346 358 Clay
358 360 Sand (fine)
360 374 Sand
374 375 Cemented sand
375 386 Clay & little lime
386 390 Sand & cemented sand (hard)