

1 LOCATION OF WATER WELL: County: Gray	Fraction $\frac{1}{4}$ NE $\frac{1}{4}$ NE NW $\frac{1}{4}$	Section Number 21	Township Number T 28 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?

4 1/2 North 1 1/2 East of Copeland

2 WATER WELL OWNER: Sherrill & Joyce Esau	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # : 300 E. Parks Avenue	Application Number: 17989
City, State, ZIP Code : Montezuma, Kansas 67867	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL 380 ft. ELEVATION:
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Depth(s) Groundwater Encountered 1 **195** ft. 2 **213** ft. 3 **255** ft.

WELL'S STATIC WATER LEVEL **190** ft. below land surface measured on mo/day/yr **5-29-06**

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield **1200** gpm: Well water was ft. after hours pumping gpm

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
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:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	10 Asbestos-Cement
Blank casing diameter 16 in. to 0-240 ft. Dia 280-320 in. to 340-360 ft. Dia			11 Other (Specify)
Casing height above land surface 12 in., weight			12 None used (open hole)
TYPE OF SCREEN OR PERFORATION MATERIAL:	5 Fiberglass	8 RMP (SR)	
1 Steel	3 Stainless Steel	9 ABS	
2 Brass	4 Galvanized Steel		
SCREEN OR PERFORATION OPENINGS ARE:	5 Guazed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	6 Wire wrapped	9 Drilled holes	
2 Louvered shutter	7 Torch cut	10 Other (specify)	
SCREEN-PERFORATED INTERVALS: From 240-280 ft. to 320-340 ft. From 360-380 ft. to			
GRAVEL PACK INTERVALS: From 20 ft. to 380 ft. From			

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other
Grout Intervals: From 0-16 Grout to 16-20 Bentonite				
What is the nearest source of possible contamination:	1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens
	2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage
	3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage
				13 Insecticide storage
Direction from well?				14 Abandoned water well
				15 Oil well/Gas well
				16 Other (specify below)
				How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	15	Topsoil & clay	177	180	Clay & little lime
15	45	Clay	180	195	Sand & 2' of clay
45	90	Clay & little lime	195	198	Samnd & gravel
90	103	Clay (blue) & little lime	198	213	Clay & little lime
103	105	Sand (fine)	213	223	Sand
105	116	Clay (blue) & little lime	223	225	Lime (very hard)
116	120	Clay & little lime	225	228	Clay & little lime (little hard
120	133	Sand	228	231	Sand
133	135	Lime (hard) & clay	231	255	Clay & little lime
135	138	Clay	255	258	Sand
138	154	Sand	258	266	Clay & little lime
154	158	Clay	266	270	Sand (little fine)
158	165	Sand	270	272	Sand
1654	177	Sand & 2' clay	272	281	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) 5-29-06 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 223 This Water Well Record was completed on (mo/day/yr) 6-17-06 by (signature)
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