

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <b>Gray</b>		<b>NW ¼ SW ¼ NW</b>	<b>20</b>	<b>T 29 S</b>	<b>R 29 E/W</b>
Distance and direction from nearest town or city street address of well if located within city? <b>4 mile West &amp; 4 1/2 Mile South of Montezuma</b>					
2 WATER WELL OWNER: <b>Martin Elwell</b>					
RR#, St. Address, Box # : <b>32405 9 Road</b>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <b>Montezuma, Kansas 67867</b>			Application Number: <b>4490</b>		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <b>393</b> ft. ELEVATION: <b>320</b> ft.			
		Depth(s) Groundwater Encountered <b>1</b> <b>204</b> ft. <b>2</b> <b>256</b> ft. <b>3</b> <b>320</b> ft. <b>4</b> <b>358</b> ft. WELL'S STATIC WATER LEVEL <b>191</b> ft. below land surface measured on mo/day/yr <b>2-27-09</b> Pump test data: Well water was <b>1200</b> gpm. Well water was <b>1200</b> gpm. after <b>1200</b> hours pumping <b>1200</b> gpm. Est. Yield <b>1200</b> gpm. Well water was <b>1200</b> gpm. after <b>1200</b> hours pumping <b>1200</b> 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 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 <b>X</b> No <b>X</b> ; If yes, mo/day/yr sample was submitted			
		Water Well Disinfected? Yes <b>X</b> No			
5 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <b>X</b> & Bolted
2 PVC		4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
			7 Fiberglass		Threaded
Blank casing diameter <b>16</b> in. to <b>313</b> ft., Dia <b>313</b> in. to <b>313</b> ft., Dia <b>313</b> in. to <b>313</b> ft.					
Casing height above land surface <b>12</b> in., weight <b>12</b> lbs./ft. Wall thickness or gauge No. <b>SDR26</b>					
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)
				9 ABS	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 <b>313-373</b> PVC ft. to <b>373-393</b> Agri Screen ft.					
GRAVEL PACK INTERVALS: From <b>20</b> ft. to <b>393</b> ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <b>20-16</b> Bentonite ft. to <b>16-0</b> Cement 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	36	Topsoil, clat & little lime	152	155	Cemented sand & little sand
36	45	Clay & little lime	155	180	Sand
45	47	Clay	180	199	Sand & little clay
47	51	Lime with clay	199	200	Lime
51	60	Clay, lime & fine sand	200	203	Clay
60	75	Sand & cemented sand	203	204	Lime
75	83	Sand & clay	204	210	Sand
83	84	Lime	210	225	Sand with clay
84	90	Clay & lime	225	234	Sand
90	105	Clay & lime	234	240	Clay & sand
105	120	Sand, clay & lime	240	253	Sand
120	141	Sand & clay	253	256	Clay
141	151	Clay	256	285	Sand
151	152	Sand	285	293	Sand & little cemented sand
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) <b>2-27-09</b> and this record is true to the best of my knowledge and belief. Kansas					
Water Well Contractor's Licence No <b>223</b>			This Water Well Record was completed on (mo/day/yr) <b>3-18-09</b>		
under the business name of <b>Dunham Drilling Inc</b>			by (signature) <b>Karen Dunham</b>		
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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.					

293	297	Cemented sand & sand
297	298	Cemented sand
298	300	Clay
300	311	Clay (blue) & lime
311	315	Sand (little fine)
315	319	Clay & little lime
319	320	Lime
320	345	Sand & little cemented sand
345	352	Sand
352	355	Sand with Cemented sand
355	358	Cemented sand & little sand
358	360	Sand
360	361	Clay
361	365	Cemented sand & little sand
365	367	Cemented sand
367	375	Sand & little cemented sand
375	392	Sand
392	397	Lime & little clay