

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number																																																																																																						
County: Gray		SE 1/4 SW 1/4 NW 1/4	22	T 27 S	R 29 EW																																																																																																						
Distance and direction from nearest town or city street address of well if located within city? 6 1/2 Mile North 3 West 1/2 South & 1/4 East of Montezuma																																																																																																											
2 WATER WELL OWNER: James W. Schmidt																																																																																																											
RR#, St. Address, Box # : 21506 12 Road																																																																																																											
City, State, ZIP Code : Montezuma, Kansas 67867																																																																																																											
Board of Agriculture, Division of Water Resources Application Number: 19170																																																																																																											
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 300 ft. ELEVATION:																																																																																																									
		Depth(s) Groundwater Encountered 1. 233 ft. 2. 250 ft. 3. 257 ft. 4. 285 ft.																																																																																																									
		WELL'S STATIC WATER LEVEL 121 ft. below land surface measured on mo/day/yr 5-13-96																																																																																																									
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																																									
		Est. Yield 1000 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																																									
		Bore Hole Diameter 26 in. to 300 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 <u>Irrigation</u> 4 Industrial 7 Lawn and garden only 10 Monitoring well																																																																																																											
Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> _____; If yes, mo/day/yr sample was submitted _____																																																																																																											
Water Well Disinfected? Yes <u>X</u> 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 <u>PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass Threaded _____																																																																																																											
Blank casing diameter 16 in. to 240 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.																																																																																																											
Casing height above land surface 12 in., weight _____ lbs./ft. Wall thickness or gauge No. CL160																																																																																																											
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 <u>Saw cut</u> 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 240 ft. to 300 ft., From _____ ft. to _____ ft.																																																																																																											
GRAVEL PACK INTERVALS: From 20 ft. to 300 ft., From _____ ft. to _____ ft.																																																																																																											
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 <u>Bentonite</u> 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 <u>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? 1300' Northeast How many feet? 1300																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>30</td> <td>Topsoil & clay & little fine sand</td> <td>195</td> <td>208</td> <td>Sand & Gravel & little cemented sand</td> </tr> <tr> <td>30</td> <td>45</td> <td>Clay, little fine sand & little clay</td> <td>208</td> <td>210</td> <td>Sand & Clay</td> </tr> <tr> <td>45</td> <td>60</td> <td>Sand & little clay</td> <td>210</td> <td>213</td> <td>Clay & Fine sand</td> </tr> <tr> <td>60</td> <td>72</td> <td>Sand</td> <td>213</td> <td>233</td> <td>Clay & fine sand</td> </tr> <tr> <td>72</td> <td>75</td> <td>Clay</td> <td>233</td> <td>240</td> <td>Sand</td> </tr> <tr> <td>75</td> <td>90</td> <td>Sand</td> <td>240</td> <td>245</td> <td>Sand (course)</td> </tr> <tr> <td>90</td> <td>105</td> <td>Sand & little clay</td> <td>245</td> <td>250</td> <td>Clay</td> </tr> <tr> <td>105</td> <td>113</td> <td>Sand</td> <td>250</td> <td>253</td> <td>Sand (Course)</td> </tr> <tr> <td>113</td> <td>125</td> <td>Clay (gray)</td> <td>253</td> <td>257</td> <td>Clay</td> </tr> <tr> <td>125</td> <td>135</td> <td>Sand & clay (streaks)</td> <td>257</td> <td>263</td> <td>Sand (course)</td> </tr> <tr> <td>135</td> <td>150</td> <td>Sand</td> <td>263</td> <td>265</td> <td>Clay</td> </tr> <tr> <td>150</td> <td>165</td> <td>Sand & little cemented sand & clay</td> <td>265</td> <td>273</td> <td>Sand</td> </tr> <tr> <td>165</td> <td>171</td> <td>Sand</td> <td>273</td> <td>278</td> <td>Clay</td> </tr> <tr> <td>171</td> <td>180</td> <td>Sand & clay</td> <td>278</td> <td>285</td> <td>Sand 285 - 292 Sand (course)</td> </tr> <tr> <td>180</td> <td>195</td> <td>Sand & little cemented sand (Course)</td> <td>292</td> <td>296</td> <td>Cemented Sand & little sand</td> </tr> <tr> <td></td> <td></td> <td></td> <td>296</td> <td>300</td> <td>Sandstone & clay</td> </tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	30	Topsoil & clay & little fine sand	195	208	Sand & Gravel & little cemented sand	30	45	Clay, little fine sand & little clay	208	210	Sand & Clay	45	60	Sand & little clay	210	213	Clay & Fine sand	60	72	Sand	213	233	Clay & fine sand	72	75	Clay	233	240	Sand	75	90	Sand	240	245	Sand (course)	90	105	Sand & little clay	245	250	Clay	105	113	Sand	250	253	Sand (Course)	113	125	Clay (gray)	253	257	Clay	125	135	Sand & clay (streaks)	257	263	Sand (course)	135	150	Sand	263	265	Clay	150	165	Sand & little cemented sand & clay	265	273	Sand	165	171	Sand	273	278	Clay	171	180	Sand & clay	278	285	Sand 285 - 292 Sand (course)	180	195	Sand & little cemented sand (Course)	292	296	Cemented Sand & little sand				296	300	Sandstone & clay
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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) 5-15-96 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) 6-11-96 under the business name of Dunham Drilling Company by (signature) <u>Raven Dunham</u>																																																																																																											