

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: <u>Haskell</u>		C $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$		17		T 28 S		R 34 EW																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? <u>23 Miles South, 10 miles west, 5 Miles south, 3/4 Mile West of Garden City</u>																																																																																																									
2 WATER WELL OWNER: <u>Wesley Rader</u> <u>Murfin Drilling, Inc.</u>																																																																																																									
RR#, St. Address, Box #: <u>1133 W. Washington</u> <u>Box 661</u> Board of Agriculture, Division of Water Resources																																																																																																									
City, State, ZIP Code: <u>Marshfield, Missouri</u> <u>Colby, Ks. 67701</u> Application Number: <u>940142</u>																																																																																																									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:				4 DEPTH OF COMPLETED WELL <u>380</u> ft. ELEVATION: _____																																																																																																					
				Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.																																																																																																					
				WELL'S STATIC WATER LEVEL <u>283</u> ft. below land surface measured on mo/day/yr _____																																																																																																					
				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>8</u> in. to <u>380</u> 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 _____ No <u>X</u> ; If yes, mo/day/yr sample was submitted _____																																																																																																									
Water Well Disinfected? Yes _____ No <u>X</u>																																																																																																									
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 <u>4.5</u> in. to <u>320</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.																																																																																																									
Casing height above land surface <u>18</u> in., weight <u>2.38</u> lbs./ft. Wall thickness or gauge No. <u>248</u>																																																																																																									
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 7 Torch cut 10 Other (specify) _____																																																																																																									
SCREEN-PERFORATED INTERVALS: From <u>320</u> ft. to <u>380</u> ft., From _____ ft. to _____ ft.																																																																																																									
From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																																									
GRAVEL PACK INTERVALS: From <u>20</u> ft. to <u>380</u> 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 <u>0</u> ft. to <u>20</u> 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) 13 Insecticide storage																																																																																																									
Direction from well? <u>Northeast</u> How many feet? <u>150'</u>																																																																																																									
<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>2</td> <td>Surface</td> <td>220</td> <td>240</td> <td>Sandy Clay & Fine Sand Strks</td> </tr> <tr> <td>2</td> <td>16</td> <td>Loess</td> <td>240</td> <td>265</td> <td>Sticky Sandy Clay w/Caliche Str</td> </tr> <tr> <td>16</td> <td>70</td> <td>Clay w/Caliche Strks.</td> <td>265</td> <td>281</td> <td>Sandy Clay & Caliche w/</td> </tr> <tr> <td>70</td> <td>127</td> <td>Med. Sand & Gravel w/Some Clay</td> <td></td> <td></td> <td>a little sand & Joint Clay</td> </tr> <tr> <td>127</td> <td>139</td> <td>Gravel w/rock Layers</td> <td>281</td> <td>291</td> <td>Sandy Clay & Fine Sand</td> </tr> <tr> <td>139</td> <td>143</td> <td>Caliche & Sand</td> <td>291</td> <td>300</td> <td>Sandy Clay & Caliche</td> </tr> <tr> <td>143</td> <td>145</td> <td>Sandy Clay</td> <td>300</td> <td>321</td> <td>Sandy Clay/Fine Sand &</td> </tr> <tr> <td>145</td> <td>155</td> <td>Med. Sand & Gravel w/Caliche Strks.</td> <td></td> <td></td> <td>Caliche</td> </tr> <tr> <td>155</td> <td>175</td> <td>Med. Sand & Gravel w/Clay Str</td> <td>321</td> <td>369</td> <td>Sandy Clay w/Some Fine Sand</td> </tr> <tr> <td>175</td> <td>188</td> <td>Sandy Clay w/Caliche Strks.</td> <td>369</td> <td>373</td> <td>Fine Sand w/Caliche Strks.</td> </tr> <tr> <td>188</td> <td>190</td> <td>Sticky Clay w/Caliche Strk.</td> <td>373</td> <td>380</td> <td>Sandy Clay & Caliche & Some</td> </tr> <tr> <td>190</td> <td>193</td> <td>Fine Sand w/Clay & Caliche</td> <td></td> <td></td> <td>Fine Sand</td> </tr> <tr> <td>193</td> <td>193.5</td> <td>Caliche</td> <td></td> <td></td> <td></td> </tr> <tr> <td>193.5</td> <td>200</td> <td>Fine Sand, Sandy Clay & Caliche Mix</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200</td> <td>220</td> <td>Sandy Clay w/Caliche Strks.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2	Surface	220	240	Sandy Clay & Fine Sand Strks	2	16	Loess	240	265	Sticky Sandy Clay w/Caliche Str	16	70	Clay w/Caliche Strks.	265	281	Sandy Clay & Caliche w/	70	127	Med. Sand & Gravel w/Some Clay			a little sand & Joint Clay	127	139	Gravel w/rock Layers	281	291	Sandy Clay & Fine Sand	139	143	Caliche & Sand	291	300	Sandy Clay & Caliche	143	145	Sandy Clay	300	321	Sandy Clay/Fine Sand &	145	155	Med. Sand & Gravel w/Caliche Strks.			Caliche	155	175	Med. Sand & Gravel w/Clay Str	321	369	Sandy Clay w/Some Fine Sand	175	188	Sandy Clay w/Caliche Strks.	369	373	Fine Sand w/Caliche Strks.	188	190	Sticky Clay w/Caliche Strk.	373	380	Sandy Clay & Caliche & Some	190	193	Fine Sand w/Clay & Caliche			Fine Sand	193	193.5	Caliche				193.5	200	Fine Sand, Sandy Clay & Caliche Mix				200	220	Sandy Clay w/Caliche Strks.			
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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) <u>5-9-94</u> and this record is true to the best of my knowledge and belief. Kansas																																																																																																									
Water Well Contractor's License No. <u>554</u> This Water Well Record was completed on (mo/day/yr) <u>5-9-94</u>																																																																																																									
under the business name of <u>Woofter Pump & Well, Inc.</u> by (signature) <u>[Signature]</u>																																																																																																									
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 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																																									