

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: McPherson		SE ¼ NE ¼ NE ¼		5		T 20 S		R 3 E(W)																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? ½ mile south of McPherson																																																																																																									
2 WATER WELL OWNER: NCRA REFINERY																																																																																																									
RR#, St. Address, Box # : BOX 1167																																																																																																									
City, State, ZIP Code : MCPHERSON, KS 67460																																																																																																									
Board of Agriculture, Division of Water Resources Application Number:																																																																																																									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 155' ft. ELEVATION: 1337 ft.																																																																																																							
		Depth(s) Groundwater Encountered 1. 85.92 ft. 2. _____ ft. 3. _____ ft.																																																																																																							
		WELL'S STATIC WATER LEVEL 85.92 ft. below land surface measured on mo/day/yr 9-8-87																																																																																																							
		Pump test data: Well water was N/A ft. after _____ hours pumping _____ gpm																																																																																																							
		Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																																							
		Bore Hole Diameter 5 5/8 in. to 156 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 Observation well																																																																																																							
		Was a chemical/bacteriological sample submitted to Department? Yes _____ No X ; If yes, mo/day/yr sample was submitted _____																																																																																																							
		Water Well Disinfected? Yes _____ No _____																																																																																																							
5 TYPE OF BLANK CASING USED:																																																																																																									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass Threaded _____																																																																																																									
Blank casing diameter 2 in. to 65 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.																																																																																																									
Casing height above land surface 24 in., weight _____ lbs./ft. Wall thickness or gauge No. Sch. 40																																																																																																									
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 65 ft. to 155 ft., From _____ ft. to _____ ft.																																																																																																									
From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																																									
GRAVEL PACK INTERVALS: From 60 ft. to 156 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 35 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? _____ How many feet? _____																																																																																																									
<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>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>40</td> <td>Clay</td> <td>151</td> <td>155</td> <td>Clay</td> </tr> <tr> <td>40</td> <td>47</td> <td>Silt</td> <td>155</td> <td>156</td> <td>Shale</td> </tr> <tr> <td>47</td> <td>65</td> <td>Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>65</td> <td>70</td> <td>Clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>70</td> <td>81</td> <td>Silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>81</td> <td>83</td> <td>Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>83</td> <td>92</td> <td>Silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>92</td> <td>98</td> <td>Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>98</td> <td>100</td> <td>Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>100</td> <td>119</td> <td>Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>119</td> <td>120</td> <td>Clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>120</td> <td>130</td> <td>Silt/Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>130</td> <td>140</td> <td>Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>140</td> <td>150</td> <td>Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>150</td> <td>151</td> <td>Clay</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	40	Clay	151	155	Clay	40	47	Silt	155	156	Shale	47	65	Sand				65	70	Clay				70	81	Silt				81	83	Sand				83	92	Silt				92	98	Sand				98	100	Gravel				100	119	Sand				119	120	Clay				120	130	Silt/Sand				130	140	Sand				140	150	Gravel				150	151	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) 8-27-87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 9-15-87 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) <i>Bruce J. Richman</i>																																																																																																									
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 Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.																																																																																																									