

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																										
County: McPherson		NE 1/4 NW 1/4 NE 1/4		5		T 20 S		R 3 EAW																																																																										
Distance and direction from nearest town or city street address of well if located within city? 1/2 mile south of McPherson																																																																																		
2 WATER WELL OWNER: NCRA Refinery																																																																																		
RR#, St. Address, Box # : PO Box 1167, 2000 S. Main						Board of Agriculture, Division of Water Resources																																																																												
City, State, ZIP Code : McPherson, KS 67460						Application Number:																																																																												
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 151 ft. ELEVATION: 1341																																																																																
		Depth(s) Groundwater Encountered 1. 84.15 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 84.15 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 151 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 76 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) 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 76 ft. to 151 ft., From ft. to ft.																																																																																		
GRAVEL PACK INTERVALS: From 69 ft. to 151 ft., From ft. to ft.																																																																																		
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Formation Clay & silt																																																																																		
Grout intervals: From 0 ft. to 14 ft., From 14 ft. to 40 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>20</td> <td>Clay</td> <td></td> <td></td> <td rowspan="6">Note - This hole sluffed in to 14' before we were able to put in the neat cement. Since the formation is clay and silt from 0 to 40' the annular space is plugged with this material.</td> </tr> <tr> <td>20</td> <td>40</td> <td>Silt</td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>88</td> <td>Sand</td> <td></td> <td></td> </tr> <tr> <td>88</td> <td>92</td> <td>Clay</td> <td></td> <td></td> </tr> <tr> <td>92</td> <td>149</td> <td>Sand</td> <td></td> <td></td> </tr> <tr> <td>149</td> <td>151</td> <td>Clay</td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	20	Clay			Note - This hole sluffed in to 14' before we were able to put in the neat cement. Since the formation is clay and silt from 0 to 40' the annular space is plugged with this material.	20	40	Silt			40	88	Sand			88	92	Clay			92	149	Sand			149	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) 7-30-87 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 Reichmann</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.																																																																																		

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