

51

1 LOCATION OF WATER WELL:		Fraction SW 1/4 SW 1/4 NE 1/4		Section Number 5	Township Number T 20 S	Range Number R 3																																																																																																
County: McPherson																																																																																																						
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 # : BOX 1167			Board of Agriculture, Division of Water Resources																																																																																																			
City, State, ZIP Code : MCHPERSON, KS 67460			Application Number:																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 146 ft. ELEVATION: 1346																																																																																																				
<div style="text-align: center;">N --- NW --- NE --- X --- SW --- SE --- S</div> <div style="text-align: center;">W E</div> <div style="text-align: center;">1 Mile</div>		Depth(s) Groundwater Encountered 1. 80.60 ft. 2. _____ ft. 3. _____ ft.																																																																																																				
		WELL'S STATIC WATER LEVEL 80.60 ft. below land surface measured on mo/day/yr 9-15-87																																																																																																				
		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 164 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																																																																																																
2 PVC		4 ABS		6 Asbestos-Cement		9 Other (specify below)																																																																																																
				7 Fiberglass		CASING JOINTS: Glued _____ Clamped _____																																																																																																
						Welded _____																																																																																																
						Threaded 56.46																																																																																																
Blank casing diameter 2 in. to 56 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.																																																																																																						
Casing height above land surface 48 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																																																																																																
2 Brass		4 Galvanized steel		6 Concrete tile		8 RMP (SR)																																																																																																
						9 ABS																																																																																																
						10 Asbestos-cement																																																																																																
						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																																																																																																
2 Louvered shutter		4 Key punched		6 Wire wrapped		9 Drilled holes																																																																																																
				7 Torch cut		10 Other (specify) _____																																																																																																
						11 None (open hole)																																																																																																
SCREEN-PERFORATED INTERVALS: From 56 ft. to 146 ft., From _____ ft. to _____ ft.																																																																																																						
From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																																						
GRAVEL PACK INTERVALS: From 50 ft. to 164 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 30 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																																																																																																
2 Sewer lines		5 Cess pool		8 Sewage lagoon		11 Fuel storage																																																																																																
3 Watertight sewer lines		6 Seepage pit		9 Feedyard		12 Fertilizer storage																																																																																																
						13 Insecticide storage																																																																																																
						14 Abandoned water well																																																																																																
						15 Oil well/Gas well																																																																																																
						16 Other (specify below) surrounded																																																																																																
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>30</td><td>Clay</td><td>112</td><td>120</td><td>Sand</td></tr><tr><td>30</td><td>40</td><td>Silt</td><td>120</td><td>130</td><td>Gravel</td></tr><tr><td>40</td><td>60</td><td>Sand</td><td>130</td><td>158</td><td>Sand</td></tr><tr><td>60</td><td>65</td><td>Gravel</td><td>158</td><td>163</td><td>Clay</td></tr><tr><td>65</td><td>70</td><td>Sand</td><td>163</td><td>164</td><td>Shale</td></tr><tr><td>70</td><td>74</td><td>Gravel</td><td></td><td></td><td></td></tr><tr><td>74</td><td>76</td><td>Gravel/Sand</td><td></td><td></td><td></td></tr><tr><td>76</td><td>80</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td>80</td><td>82</td><td>Clay</td><td></td><td></td><td></td></tr><tr><td>82</td><td>86</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td>86</td><td>88</td><td>Sand/Gravel</td><td></td><td></td><td></td></tr><tr><td>88</td><td>93</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td>93</td><td>97</td><td>Clay</td><td></td><td></td><td></td></tr><tr><td>97</td><td>102</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td>102</td><td>112</td><td>Clay</td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	30	Clay	112	120	Sand	30	40	Silt	120	130	Gravel	40	60	Sand	130	158	Sand	60	65	Gravel	158	163	Clay	65	70	Sand	163	164	Shale	70	74	Gravel				74	76	Gravel/Sand				76	80	Sand				80	82	Clay				82	86	Sand				86	88	Sand/Gravel				88	93	Sand				93	97	Clay				97	102	Sand				102	112	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) 9-10-87 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. Reichmuth</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.																																																																																																						

OFFICE USE ONLY

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EW

SEC.

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