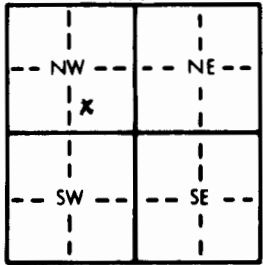


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: McPherson		SW 1/4 SE 1/4 NW 1/4	5	T 20 S	R 3 EW
Distance and direction from nearest town or city street address of well if located within city? 1/2 mile south of McPherson					
2 WATER WELL OWNER: NCRA REFINERY					
RR#, St. Address, Box # : BOX 1167			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : MCPHERSON, KS 67460			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 90 ft. ELEVATION: 1402			
<div style="text-align: center;"></div>		Depth(s) Groundwater Encountered 1. 77.85 ft. 2. 77.85 ft. 3. 77.85 ft.			
		WELL'S STATIC WATER LEVEL 77.85 ft. below land surface measured on mo/day/yr 9-15-87			
		Pump test data: Well water was N/A ft. after 9-15-87 hours pumping 9-15-87 gpm			
		Est. Yield 9-15-87 gpm: Well water was 9-15-87 ft. after 9-15-87 hours pumping 9-15-87 gpm			
Bore Hole Diameter 5.5/8 in. to 98 ft., and 98 in. to 98 ft.		WELL WATER TO BE USED AS:			
1 Domestic		3 Feedlot		5 Public water supply	
2 Irrigation		4 Industrial		6 Oil field water supply	
		7 Lawn and garden only		8 Air conditioning	
				9 Dewatering	
				10 Observation well	
				11 Injection well	
				12 Other (Specify below)	
Was a chemical/bacteriological sample submitted to Department? Yes X No 9-15-87 If yes, mo/day/yr sample was submitted					
Water Well Disinfected? Yes 9-15-87 No 9-15-87					
5 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)		5 Wrought iron	
2 PVC		4 ABS		6 Asbestos-Cement	
				7 Fiberglass	
				8 Concrete tile	
				9 Other (specify below)	
				CASING JOINTS: Glued 9-15-87 Clamped 9-15-87	
				Welded 9-15-87	
				Threaded 9-15-87	
Blank casing diameter 2 in. to 55 ft., Dia 2 in. to 55 ft., Dia 2 in. to 55 ft.					
Casing height above land surface 48 in., weight 48 lbs./ft. Wall thickness or gauge No. Sch. 40					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless steel		5 Fiberglass	
2 Brass		4 Galvanized steel		6 Concrete tile	
				7 PVC	
				8 RMP (SR)	
				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	
2 Louvered shutter		4 Key punched		6 Wire wrapped	
				7 Torch cut	
				8 Saw cut	
				11 None (open hole)	
SCREEN-PERFORATED INTERVALS: From 55 ft. to 90 ft., From 55 ft. to 90 ft., From 55 ft. to 90 ft.					
GRAVEL PACK INTERVALS: From 50 ft. to 93 ft., From 50 ft. to 93 ft., From 50 ft. to 93 ft.					
6 GROUT MATERIAL:					
1 Neat cement		2 Cement grout		3 Bentonite	
4 Other					
Grout Intervals: From 0 ft. to 45 ft., From 93 ft. to 98 ft., From 93 ft. to 98 ft., From 93 ft. to 98 ft.					
What is the nearest source of possible contamination:					
1 Septic tank		4 Lateral lines		7 Pit privy	
2 Sewer lines		5 Cess pool		8 Sewage lagoon	
3 Watertight sewer lines		6 Seepage pit		9 Feedyard	
				10 Livestock pens	
				11 Fuel storage	
				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?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	38	Clay			
38	45	Silt			
45	60	Sand			
60	71	Gravel			
71	73	Clay			
73	76	Sand			
76	77	Clay			
77	80	Gravel			
80	86	Sand			
86	88	Clay			
88	91	Sand/Gravel			
91	98	Clay			
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) Bruce J. Reichmuth					
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.					