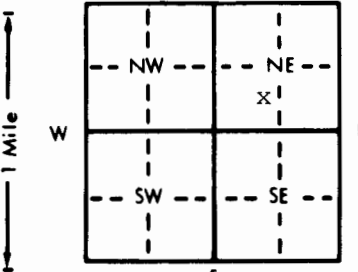


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: McPherson		SE 1/4 SW 1/4 NE 1/4	5	T 20 S	R 3 EW
Distance and direction from nearest town or city street address of well if located within city? 1/2 mile south of McPherson					
2 WATER WELL OWNER: NCRA Refinery					
RR#, St. Address, Box # : 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... 95... ft. ELEVATION: ... 1397...			
		Depth(s) Groundwater Encountered 1... 81.09... ft. 2... ft. 3... ft.			
		WELL'S STATIC WATER LEVEL ... 81.09... ft. below land surface measured on mo/day/yr ... 9-9-87...			
		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 ... 100... 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) ...
				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 ... 65... ft. to ... 95... ft., From ... ft. to ... ft.					
From ... ft. to ... ft., From ... ft. to ... ft.					
GRAVEL PACK INTERVALS: From ... 60... ft. to ... 100... 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 Formation Clay & silt...					
Grout Intervals: From ... 0... ft. to ... 7'7"... ft., From ... 7'7"... ft. to ... 50'... 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?	
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	27	Clay			Note - This hole sluffed in to
27	36	Clay/Silt			7'7" before we were able to
36	50	Silt			put in the neat cement.
50	68	Clay			Since the formation is
68	80	Silt/Clay			clay and silt from 0 to
80	84	Sand			36' the annular space
84	95	Sand/Clay			is plugged with this
95	100	Clay			material.
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) ... 8-11-87... 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 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.					

OFFICE USE ONLY

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