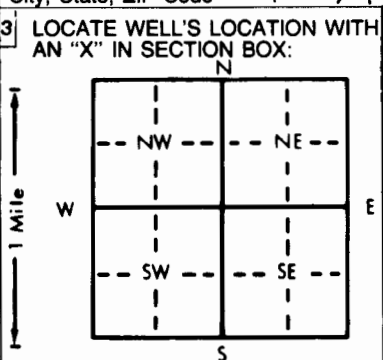


1 LOCATION OF WATER WELL: County: Phillips Fraction: NE 1/4 NW 1/4 SW 1/4 Section Number: 27 Township Number: T 3 S Range Number: R 16 E(W)

Distance and direction from nearest town or city street address of well if located within city? Agra

2 WATER WELL OWNER: Kansas Dept Health and Environment RR#, St. Address, Box #: Agra Pre-Npl Monitoring Well #1 City, State, ZIP Code: Application Number: KMW-01 Board of Agriculture, Division of Water Resources



4 DEPTH OF COMPLETED WELL: 63 ft. ELEVATION: _____ ft.

Depth(s) Groundwater Encountered: 1. _____ ft. 2. _____ ft. 3. _____ ft.

WELL'S STATIC WATER LEVEL: 55 ft. below land surface measured on mo/day/yr 10-7-87

Pump test data: Well water was 60 ft. after 0.2 hours pumping 2 gpm

Est. Yield 1-3 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm

Bore Hole Diameter: 3 1/2 in. to 65 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		<u>10</u> Observation well
12 Other (Specify below)		

Was a chemical/bacteriological sample submitted to Department? Yes X No _____; If yes, mo/day/yr sample was submitted _____

Water Well Disinfected? Yes _____ No X

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	CASING JOINTS: Glued _____ Clamped _____
<u>2</u> PVC	4 ABS	7 Fiberglass		Welded _____ Threaded <u>X</u>

Blank casing diameter: 2 in. to 53 ft., Dia _____ in. to _____ ft., Dia 2 in. to _____ ft.

Casing height above land surface: 35 in., weight _____ lbs./ft. Wall thickness or gauge No. _____

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify) _____
12 None used (open hole)				

SCREEN OR PERFORATION OPENINGS ARE:

<u>1</u> 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 43 ft. to 53 ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 20 ft. to 63 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____

Grout Intervals: From 0 ft. to 20 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	<u>12</u> Fertilizer storage	16 Other (specify below)
<u>13</u> Insecticide storage → Abandoned grocery shop				

Direction from well? West

How many feet? 10 west

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	10	Silt and fill			
10	14	Clay balls			
14	17	Tighter clay			
17	20	Silt			
20	41	Brown clay			
41	43	Sandy layer (easier drilling)			
43	57	Blue clay (tight)			
54	58	Sand and clay			
58	61	Clay			
61	63	Shaly Limestone (Bedrock)			

Note: Drilled 2 holes first one - best drill bit and 20' drill pipe in hole plugged with cement 9" HSA outside diameter 2nd well drilled 3 1/2" O.D.

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) 10-7-87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____ This Water Well Record was completed on (mo/day/yr) 10-7-87 by (signature) Michael R Larson under the business name of Kansas Dept Health & Environment

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.

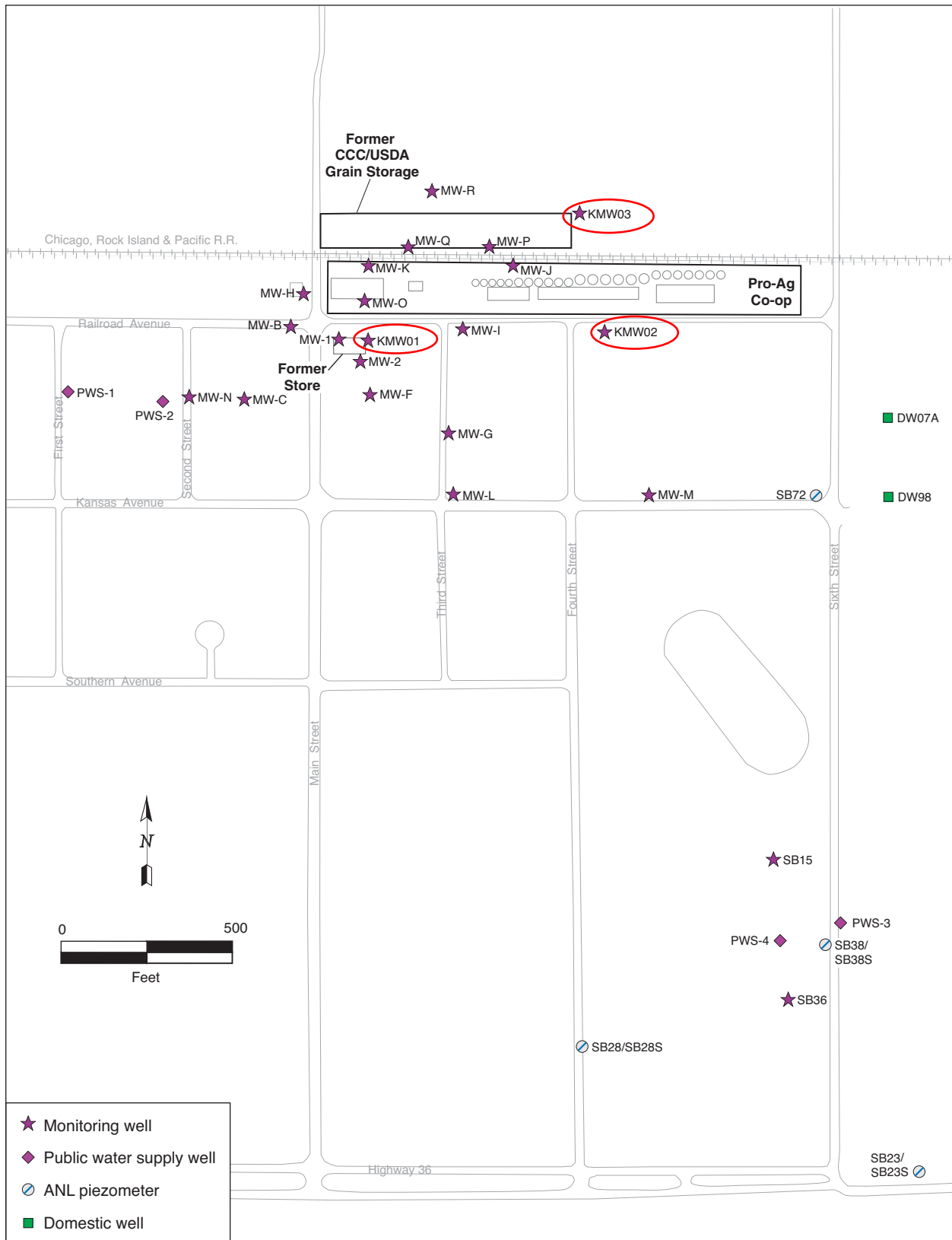


FIGURE 2.3 Permanent groundwater sampling locations in the wider study area at Agra.