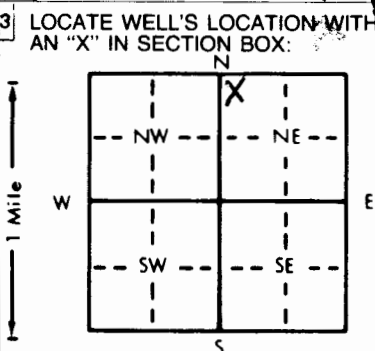


09220019 mw-5

1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 NE 1/4 Section Number 32 Township Number T 11 S Range Number R 16 EW
 County: Shawnee

Distance and direction from nearest town or city street address of well if located within city?
 A, T & S, F Railway 5th & Holiday (By warehouse) Topeka Ks

2 WATER WELL OWNER: Atchison Topeka & Santa Fe Railway
 RR#, St. Address, Box #: 5th & Holiday Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Topeka Ks Application Number:



4 DEPTH OF COMPLETED WELL: 51.5 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 32.0 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 32.5 ft. below land surface measured on mo/day/yr 7/14/92
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter 10 1/4 in. to 55.0 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 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No 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 7 Fiberglass 9 Other (specify below) Welded _____
 Blank casing diameter 2 in. to 26.0 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface 0.0 in., weight Sch 40 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 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 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 26.0 ft. to 51.0 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 22.0 ft. to 51.5 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 0.0 ft. to 22.0 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 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	0.3	Asphalt			
0.3	0.8	Gravel			
0.8	4.5	b-f cl w/gr Br			
4.5	9.0	silty cl rubble (fill) Br			
9.0	13.5	silt Gr Br			
13.5	14.5	silt Br			
14.5	22.0	silt tan			
22.0	26.5	Fat clay tan Br			
26.5	30.0	f-c silt w/gr Gr			
30.0	55.0	m-c silt Gr			

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) 7/14/92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 8/6/92 under the business name of Terracon Consultants Inc by (signature) Richard P. Massey