

1 LOCATION OF WATER WELL: County: Ellsworth		Fraction NW 1/4 NE 1/4 SE 1/4	Section Number 16	Township Number T 17 S	Range Number R 9 E W				
Distance and direction from nearest town or city street address of well if located within city? Approximately 180' north of the intersection of 5th Street and Main Street in Lorraine			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: 38.571548 Longitude: -98.316721 Elevation: Unknown Datum: NAD83 Data Collection Method: WAAS GPS Unit						
2 WATER WELL OWNER: City of Lorraine RR#, St. Address, Box # : P.O. Box 63 City, State, ZIP Code : Lorraine, KS 67459									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N W E S <table><tr><td>--NW--</td><td>--NE--</td></tr><tr><td>--SW--</td><td>--SE--</td></tr></table>	--NW--	--NE--	--SW--	--SE--	4 DEPTH OF COMPLETED WELL 211.5 ft. Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 97.32 ft. below land surface measured on mo/day/yr 07-23-07 Pump test data: Well water was Not checked ft. after hours pumping gpm Est. Yield Unknown gpm: Well water was ft. after hours pumping gpm 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 Domestic (lawn & garden) 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				
	--NW--	--NE--							
--SW--	--SE--								
5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued ☒ Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded (2) PVC 4 ABS 7 Fiberglass Threaded Blank casing diameter 8 in. to 176 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 18 in., weight 8.25 lbs./ft. Wall thickness or gauge No. .500 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel (3) Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify) 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: (1) Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (Specify) SCREEN-PERFORATED INTERVALS: From 176 ft. to 210 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 5 ft. to 27 ft., From ft. to ft. From 137 ft. to 210 ft., From ft. to ft.									
6 GROUT MATERIAL: 1 Neat Cement (2) Cement grout 3 Bentonite (4) Other 50% Bentonite Holeplug/50% Sand Compacted Soil Grout Intervals: From 0-5 ft. to 5-27 ft., From 135-137 ft. to ft., From 27-135 ft. to ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage (16) Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well None known Direction from well? How many feet?									
FROM TO LITHOLOGIC LOG		FROM TO PLUGGING INTERVALS							
0	4	Topsoil	150	170	Clay, gray, with sandstone				
4	20	Clay, gray	170	180	Clay, gray and red, hard, with sandstone				
20	35	Clay, brown	180	190	Sandstone, hard, with clay, red and gray				
35	46	Clay, reddish brown and white	190	210	Sandstone, soft, with some clay, gray				
46	57	Sandstone, hard							
57	84	Clay, reddish brown and white, hard							
84	91	Sandstone, hard, with clay							
91	112	Clay, gray, some sandstone							
112	125	Sandstone, hard, with clay							
125	142	Clay, gray and red							
142	150	Sandstone, hard, with clay							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) 07-19-07 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/year) 07-26-07 Under the business name of Clarke Well & Equipment, Inc. by (signature)									
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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.									