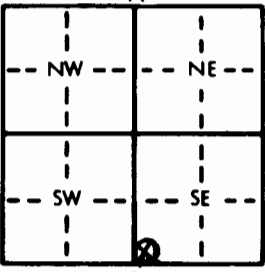


1 LOCATION OF WATER WELL: County: <u>JOHNSON</u>	Fraction <u>SW 1/4 SW 1/4 SE 1/4</u>	Section, Number <u>11</u>	Township Number <u>T 12 S</u>	Range Number <u>R 24 E</u>
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Distance and direction from nearest town or city street address of well if located within city?

62ND AND NIEMAN SHAWNEE, KS

2 WATER WELL OWNER: <u>Total Petroleum</u> RR#, St. Address, Box #: <u>1019 BURLINGTON 64116</u> City, State, ZIP Code: <u>SHAWNEE, KS N. KANSAS CITY, MO</u>	Board of Agriculture, Division of Water Resources Application Number: _____
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: <u>14.0</u> ft. ELEVATION: _____ Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL _____ ft. below land surface measured on mo/day/yr _____ 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: <u>10</u> in. to <u>14</u> in. and _____ in. to _____ in. WELL WATER TO BE USED AS: 5 Public water supply 1 Domestic 2 Irrigation 8 Air conditioning 3 Feedlot 4 Industrial 11 Injection well 9 Dewatering 7 Lawn and garden only 10 Observation well 12 Other (Specify below) Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> _____; If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes _____ No <u>X</u> _____
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5 TYPE OF BLANK CASING USED: 1 Steel <u>2 PVC</u> 3 RMP (SR) 4 ABS Blank casing diameter: <u>4</u> in. to <u>3.5</u> in. ft., Dia _____ in. to _____ in. ft., Dia _____ in. to _____ in. ft. Casing height above land surface: <u>0</u> in., weight _____ lbs./ft. Wall thickness or gauge No. _____	5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded <u>X</u> _____	TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) _____ 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) _____ 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From <u>3.5</u> ft. to <u>13.5</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>3.0</u> ft. to <u>14.0</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.		

6 GROUT MATERIAL: 1 Neat cement Grout Intervals: From <u>0</u> ft. to <u>1.0</u> ft., From <u>1.0</u> ft. to <u>3</u> ft., From _____ ft. to _____ ft. What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 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) _____	4 Other _____ How many feet? <u>25±</u>
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FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	0.5	ASPHALT			
0.5	3.5	BLACK FILL DIRT			
3.5	8.5	BLACK CLAY			
8.5	11.5	" "			
11.5	12.5	GRAY OLIVE CLAY			
12.5	13.5	BROWN GRAVELY CLAY			
13.5	14.0	SHALE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, <u>(2)</u> reconstructed, or <u>(3)</u> plugged under my jurisdiction and was completed on (mo/day/year) <u>3-20-89</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>102K</u> This Water Well Record was completed on (mo/day/yr) <u>3-11-89</u> under the business name of <u>LAYNE-WESTERN CO.</u> by (signature) <u>Layne W. Layne</u>	
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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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.