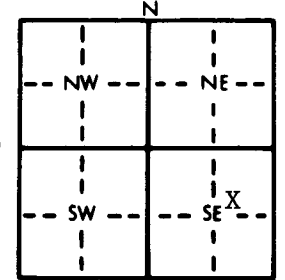


1 LOCATION OF WATER WELL: County: Ellsworth		Fraction SW 1/4 NE 1/4 SE 1/4		Section Number 31		Township Number T 17 S		Range Number R 9 E/W																																					
Distance and direction from nearest town or city street address of well if located within city? Approx. 3/4mi north and 2 1/2 east of Bushton, KS																																													
2 WATER WELL OWNER: Northern Gas Products RR#, St. Address, Box # : 2223 Dodge St. City, State, ZIP Code : Omaha, NE 68102																																													
Board of Agriculture, Division of Water Resources Application Number: n/a																																													
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL... 61 ft. ELEVATION: unknown																																										
			Depth(s) Groundwater Encountered 1... 33 ft. 2... ft. 3... ft. WELL'S STATIC WATER LEVEL ... 33 ft. below land surface measured on mo/day/yr ... 7/21/86 Pump test data: Well water was not ck'd ft. after ... hours pumping ... gpm Est. Yield unknown gpm: Well water was ... ft. after ... hours pumping ... gpm Bore Hole Diameter... 12 in. to ... 64 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 X																																										
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued . XX . Clamped . 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded . Blank casing diameter ... 6 5/8 in. to ... 34 ft., Dia. 6 5/8 in. to ... 59 ft., Dia. ... in. to ... ft. Casing height above land surface ... 24 in., weight ... 3.519 lbs./ft. Wall thickness or gauge No. ... 280 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) 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 ... 34 ft. to ... 54 ft., From ... ft. to ... ft. GRAVEL PACK INTERVALS: From ... 32 ft. to ... 59 ft., From ... ft. to ... ft. Fill Sand From ... 30 ft. to ... 32 ft., From ... 27 ft. to ... 29 ft.																																													
6 GROUT MATERIAL: a) 1 Neat cement 2 Cement grout b) 3 Bentonite 4 Other Grout Intervals: From ... 0 ft. to ... 26 ft., From ... B) 29 ft. to pellets 30 ft., From b) 26 ft. to ... 27 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 Storage field Direction from well? all How many feet?																																													
<table><tr><td>FROM</td><td>TO</td><td>LITHOLOGIC LOG</td><td>FROM</td><td>TO</td><td>LITHOLOGIC LOG</td></tr><tr><td>0</td><td>28</td><td>Topsoil & soft brown clay</td><td></td><td></td><td></td></tr><tr><td>28</td><td>41</td><td>Soft whitish brown clay</td><td></td><td></td><td></td></tr><tr><td>41</td><td>49</td><td>Soft sandy brown clay w/fine broken sandstone & fine sand, last 4' was real loose</td><td></td><td></td><td></td></tr><tr><td>49</td><td>54</td><td>Soft sandy white clay w/streaks of sandstone</td><td></td><td></td><td></td></tr><tr><td>54</td><td>64</td><td>White - yellow - red Dakota clay</td><td></td><td></td><td></td></tr></table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	28	Topsoil & soft brown clay				28	41	Soft whitish brown clay				41	49	Soft sandy brown clay w/fine broken sandstone & fine sand, last 4' was real loose				49	54	Soft sandy white clay w/streaks of sandstone				54	64	White - yellow - red Dakota clay			
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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) ... 7/21/86 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/yr) ... 9/10/86 under the business name of Clarke Well & Eq., Inc. by (signature) [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, 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.																																													