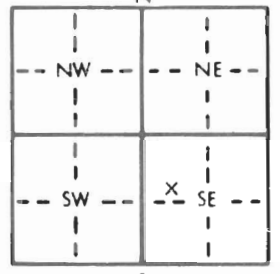


1 LOCATION OF WATER WELL: County: HARPER Fraction: $\frac{1}{4}$ $\frac{11}{2}$ $\frac{1}{4}$ SE $\frac{1}{4}$ Section Number: 19 Township Number: T 31 S Range Number: R 8 E/W

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

1-E 6 1/2 N. OF ATTICA, KS.

2 WATER WELL OWNER: DUKE DRILLING CO. RR#, St. Address, Box #: P.O. BOX 823 City, State, ZIP Code: GREAT BEND, KS. 67530 Board of Agriculture, Division of Water Resources Application Number: T90-042830

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 84 ft. ELEVATION: Depth(s) Groundwater Encountered: 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 43 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: 9 in. to ... 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 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 ... Welded ... Threaded ... PVC 4 ABS 7 Fiberglass 9 Other (specify below) Blank casing diameter: 5 in. to 74 ft. Dia. in. to ... ft. Dia. in. to ... ft. Casing height above land surface: 12 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) 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 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 74 ft. to 84 ft. From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 20 ft. to 84 ft. From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other Grout Intervals: 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 NONE

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	TOP SOIL			
3	21	CLAY			
21	70	SAND & CLAY			
70	84	SHALE			

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) 10-08-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 462-B This Water Well Record was completed on (mo/day/yr) 11-28-90 under the business name of SAM'S WATER WELL SERVICE by (signature) *Sam Gager*