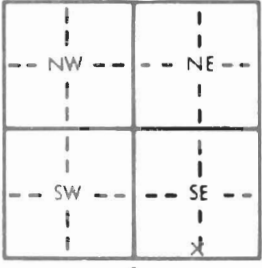


V.E

1 LOCATION OF WATER WELL: Fraction S/2 1/4 S/2 1/4 SE 1/4 Section Number 12 Township Number T 31 S Range Number R 8 E/W
 County: HARPER

Distance and direction from nearest town or city street address of well if located within city?
3-1/2 S OF DUQUOIM, KS.

2 WATER WELL OWNER: HOWARD SHORT
 RR#, St. Address, Box # : E. HWY 160 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : HARPER, KS. 67058 Application Number: _____

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 4 DEPTH OF COMPLETED WELL: 78 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 34 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: g. _____ in. to _____ ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial
 5 Public water supply 6 Oil field water supply 7 Lawn and garden only
 8 Air conditioning 9 Dewatering 10 Monitoring well
 11 Injection well 12 Other (Specify below) _____
 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 2 PVC 3 RMP (SR) 4 ABS
 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass
 8 Concrete tile 9 Other (specify below) _____
 CASING JOINTS: Glued _____ Clamped _____
 Welded _____ Threaded _____
 Blank casing diameter 5 in. to 78 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface 18 in., weight _____ lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 PVC 10 Asbestos-cement
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel
 5 Fiberglass 6 Concrete tile 8 RMP (SR) 9 ABS
 11 Other (specify) _____
 12 None used (open hole) _____
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot Mill slot 4 Key punched
 2 Louvered shutter 3 Gauzed wrapped 5 Wire wrapped
 6 Torch cut 8 Saw cut 9 Drilled holes
 10 Other (specify) _____
 11 None (open hole) _____
 SCREEN-PERFORATED INTERVALS: From 68 ft. to 78 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 78 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 20 ft., From _____ ft. to _____ 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) NONE
 Direction from well? _____ How many feet? _____

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|----|----------------|------|----|--------------------|
| 0 | 3 | TOP SOIL | | | |
| 3 | 78 | GRAVEL | | | |
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 5-20-92 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) 6-17-92 under the business name of SAM'S WATER WELL SERVICE by (signature) [Signature]