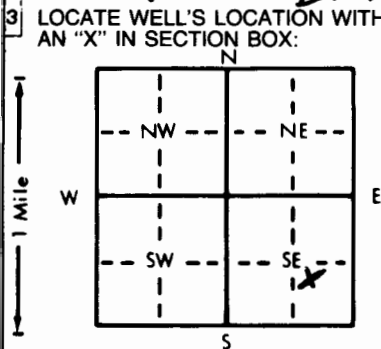


1 LOCATION OF WATER WELL: County: POTT Fraction: NW 1/4 SE 1/4 SE 1/4 Section Number: 33 Township Number: T 8 S Range Number: R 12 E

Distance and direction from nearest town or city street address of well if located within city? From EMMITT 60 1/2 mile west on Crystal Springs Road then 60 1/4 mile north west

2 WATER WELL OWNER: Doug Hartzel
 RR#, St. Address, Box #: P.O. Box
 City, State, ZIP Code: EMMIT, KS 66422
 Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 100 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 72 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 60 ft. below land surface measured on mo/day/yr _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: 20 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 9 in. to 100' ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic (circled) 3 Feedlot 6 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 (circled) No

5 TYPE OF BLANK CASING USED:
 1 Steel (circled) 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued (circled) Clamped _____
 2 PVC (circled) 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 Blank casing diameter: 5 in. to 80 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 21 in., weight Sch 40 lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC (circled) 10 Asbestos-cement
 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 3 Mill slot (circled) 31,000 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 80 ft. to 100 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 100 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite (circled) 4 Other _____
 Grout Intervals: From 0 ft. to 20 ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: NONI CLOS
 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
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Limistone			
2	5	Brown shale			
5	7	Marstone			
7	30	Grey shale			
30	32	Limistone			
32	54	Brown shale			
54	62	Limistone			
62	72	Grey shale			
72	77	Limistone (Water)			
77	90	Grey shale			
90	96	Limistone			
96	100				

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (circled), (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8/1/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo/day/yr) 9/3/90 under the business name of Haldeman Well Drilling 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, Bureau of Water Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.