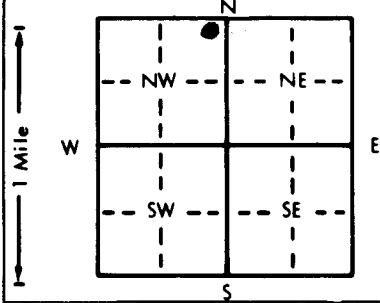


1 LOCATION OF WATER WELL: County: Morton Fraction: NE 1/4 NE 1/4 NW 1/4 Section Number: 21 Township Number: T 34 S Range Number: R 43 E (W)

Distance and direction from nearest town or city street address of well if located within city?
 5 miles north 5 1/2 west of Elkhart, Kansas

2 WATER WELL OWNER: USDA Forest Service
 RR#, St. Address, Box #: Cimarron National Grassland Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: 242 Hwy 56, Elkhart, Kansas 67950 Application Number:

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



4 DEPTH OF COMPLETED WELL: 62 ft. ELEVATION: slope
 Depth(s) Groundwater Encountered: 1. 15 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 15 ft. below land surface measured on mo/day/yr 11-18-93
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: NA gpm. Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 12 1/4 in. to 62 ft. and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 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 Monitoring well _____
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No x _____; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes x _____ No _____

5 TYPE OF CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued x _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) riveted _____ Welded _____
 7 Fiberglass _____ Threaded _____
 Blank casing diameter 6 in. steel to 5 ft., Dia 6 in. PVC in. to 22 ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 24 in., weight 10.56 lbs./ft. Wall thickness or gauge No. 188
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 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 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 22 ft. to 62 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 12 ft. to 62 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 12 ft. Unable to grout deeper for water level 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 at this time

Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface			
2	18	Sandy			
18	32	Sandy clay w/coarse sand & gravel			
32	60	Sandy clay w/fine to medium sand			
60	75	Red bed			

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) 11-18-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 164 This Water Well Record was completed on (mo/day/yr) November 30, 1993 under the business name of Houck Bros. Drilling Co. by (signature) M. Beard

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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.