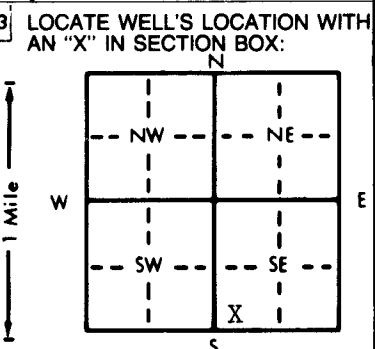


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SE 1/4 Section Number 27 Township Number T 7 S Range Number R 25 E/W

Distance and direction from nearest town or city street address of well if located within city?
 Approx. 3 1/2 miles north and 1 mile west of Morland, KS

2 WATER WELL OWNER: City of Morland, City Hall, Main Street
 RR#, St. Address, Box #: Morland, KS 67650
 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Morland, KS 67650
 Application Number: n/a



4 DEPTH OF COMPLETED WELL: 150 ft. ELEVATION: unknown
 Depth(s) Groundwater Encountered 1. 68 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 68 ft. below land surface measured on mo/day/yr 5/4/88
 Pump test data: Well water was 97.75 ft. after 2 hours pumping 500 gpm
 Est. Yield 500 gpm: Well water was 97.15 ft. after 4 1/2 hours pumping 450 gpm
 Bore Hole Diameter: 30 in. to 150 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 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 X No

5 TYPE OF CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued.....Clamped.....
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X
 7 Fiberglass Threaded.....
 Blank casing diameter .16 in. to 100 ft., Dia .16 in. to 148 ft., Dia in. to ft.
 Casing height above land surface: 24 in., weight 62.58 lbs./ft. Wall thickness or gauge No. 37.5

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 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) Doerr .100 Nagaoka Screen

SCREEN-PERFORATED INTERVALS: From 100 ft. to 140 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 79 ft. to 148 ft., From ft. to ft.
 From 20 ft. to 76 ft., From ft. to ft.

6 GROUT MATERIAL: a) 1 Neat cement 2 Cement grout b) 3 Bentonite 4 Other.....
 Grout intervals: From a) 0 ft. to 20 ft., From b) 76 ft. to 79 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)
 No Known Source

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	35	Topsoil & tan clay w/streaks of limestone	113	140	Sand & gravel fine to very fine to med.
35	37.5	Sand & gravel, med.	140	150	Sand & gravel, fine to medium w/ thin streaks of yellow & orange clay
37.5	51	Cemented sand & green & brown clay			
51	63	Sand & gravel, med. to fine w/thin streaks of cemented sand			
63	71	Cemented sand			
71	73	Clay & gravel			
73	76	Sand & gravel, very fine to fine			
76	97	Cemented sand w/streaks of limestone w/clay streaks 76'-80'			
97	101	Sand & gravel, fine to very fine			
101	105	Cemented sand			
105	107	Sand & gravel, very fine to fine			
107	113	Brown sandy clay			

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) 5/4/88 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) 5/20/88 under the business name of Clarke Well & Equipment, Inc. by (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: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.