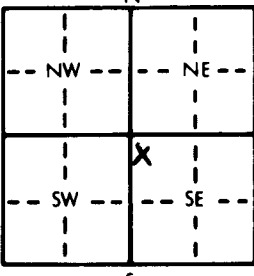


1 LOCATION OF WATER WELL: County: Riley Fraction: N.W. 1/4 N.W. 1/4 S.E. 1/4 Section Number: 4 Township Number: T 10 S Range Number: R 8 E.W.

Distance and direction from nearest town or city street address of well if located within city? From Int. of Casement Rd. and Knox Lane in N.E. section of Manhattan Ks. 2 mi. east and 1200' north.

2 WATER WELL OWNER: Paul Irvine
 RR#, St. Address, Box #: 3370 Casement rd.
 City, State, ZIP Code: Manhattan Ks. 66502
 Board of Agriculture, Division of Water Resources
 Application Number: 11683

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 50 ft. ELEVATION: 22 ft.

Depth(s) Groundwater Encountered 1. 22 ft. 2. 22 ft. 3. 22 ft.
 WELL'S STATIC WATER LEVEL 22 ft. below land surface measured on mo/day/yr 2-19-91
 Pump test data: Well water was 39 ft. after 1 hours pumping 600 gpm
 Est. Yield 800 gpm; Well water was 43 ft. after 1 hours pumping 750 gpm
 Bore Hole Diameter 32 in. to 50 ft., and 50 in. to 50 ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 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 X No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes X No X

5 TYPE OF BLANK 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) Welded
 7 Fiberglass Threaded

Blank casing diameter 16 in. to 30 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No. 65

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 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 30 ft. to 50 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 50 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 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 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? West How many feet? 30 feet

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Black silt			
3	18	Gray silt			
18	27	medium brown gravel and gray silt			
27	28	Small brown sand			
28	30	medium-large brown gravel and gray clay			
30	35	medium-large green gravel			
35	36	medium gray gravel and gray clay			
36	37	Fine gray sand			
37	38	medium-large gray sand			
38	40	medium gray gravel			
40	50	medium-large gray gravel			
	50	yellow siltstone weathered shale, stopped			

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) 2-28-91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 323 This Water Well Record was completed on (mo/day/yr) 3-28-91 under the business name of Hoobler Drilling Co. by (signature) [Signature]

OFFICE USE ONLY
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1/4
1/4
1/4