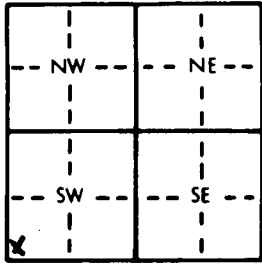


1 LOCATION OF WATER WELL: County: CRAWFORD Fraction: SW 1/4 SW 1/4 SW 1/4 Section Number: 2 Township Number: T 28 S Range Number: R 25 E

Distance and direction from nearest town or city, street address of well if located within city?
1/2 m. west of Arcadia KS

2 WATER WELL OWNER: DEFFENBAUGH INDUSTRIES, INC.
 RR#, St. Address, Box #: 19181 W 53rd
 City, State, ZIP Code: Shawnee, KS 66217
 Board of Agriculture, Division of Water Resources
 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 53.0 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 42.79 ft. below land surface measured on mo/day/yr 2-28-95
 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: 7 7/8 in. to _____ ft., and _____ in. to _____ 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 _____ No X; if yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes _____ No X

5 TYPE OF BLANK 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 _____
 7 Fiberglass Threaded X
 Blank casing diameter 2 in. to 50 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 36 in., weight _____ lbs./ft. Wall thickness or gauge No. Sch 40
 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 2 Mill slot .01 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 50 ft. to 53 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 47.5 ft. to 53 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 47.5 ft. to 45.6 ft., From 43.6 ft. to 2 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? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	21.5	MINE DRILL, dk grey, weathered, fine-cobble, subangular-angular, poorly sorted, grades to lt tan-brn at 10'	21.5	61.5	greenish grey SHALE, grey, hard, FE nodules, wavy bedding, calcareous
21.5	44.8	SHALE, grey to black, med hard-hard, shaly laminated - thinly bedded, w/ small stone or ch. coal seams	63.74	65.49	SHALE, black, hard, shaly laminated to fissile, interbedded w/ green grey shale, calc. varies w/ interbedding
44.8	51.2	Underclay, grey, firm, massive, greasy lustre, grades to sandy hard interbedded sandy silt seams soft fine grained, Fe staining	65.49	71.5	SHALE, black, hard, wavy bedding, non calcareous
51.2	61.5	SHALE, black, firm-hard, shaly laminated, shaly part on breakage plane, gradational w/ the underclay, grades to	71.5	72.0	MUDSTONE, brown-grey, hard, fractures filled w/ secondary calcite
			72.0		SHALE, grey, soft-mod hard, fissile,

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) _____ and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 483 This Water Well Record was completed on (mo/day/yr) 7-11-94 under the business name of TEST by (signature) Dan R. Jensen

OFFICE USE ONLY
T 28 S R 25 E