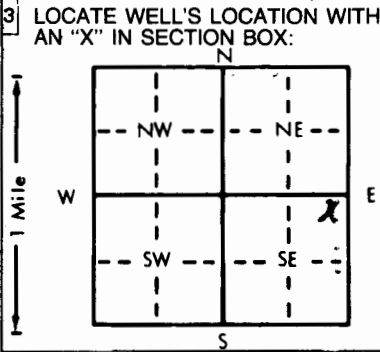


1 LOCATION OF WATER WELL: County: ATCHISON Fraction: NE 1/4 NE 1/4 SE 1/4 Section Number: 19 Township Number: T 6 S Range Number: R 18 EW
 Distance and direction from nearest town or city street address of well if located within city? 2 mi W of EFFINGHAM

2 WATER WELL OWNER: Jim Oswald
 RR#, St. Address, Box #: RRI Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: EFFINGHAM MO 6423 Application Number:



4 DEPTH OF COMPLETED WELL: 217 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 210 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 121 ft. below land surface measured on mo/day/yr 12-7-83
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 50 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 12 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 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes No; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 0-19.3 ft., Dia. 5 in. to 213-217 ft., Dia. in. to ft.
 Casing height above land surface 25 in., weight 282 lbs./ft. Wall thickness or gauge No. 258
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 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: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 19.3 ft. to 213 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 217 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 10 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? S How many feet? 140

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	top soil			
3	22	0/CLAY grey			
22	26	07 FINE SAND, grey			
26	31	CLAY, grey			
31	53	CLAY, brown			
53	77	0/CLAY, blue			
77	78	18 blcks.			
78	81	05 FINE SAND, Course SAND			
81	94	0/CLAY blue			
94	95	18 blcks.			
95	118	0/CLAY blue			
118	145	03 SILTY CLAY blue			
145	209	02 FINE SILT-grey			
209	211	05 FINE SAND, Course SAND, grey			
211	217	9 SHALE grey			

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) 12-7-83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 2-13-84 under the business name of Strader Drilling Co. Inc. by (signature) Dale Asker

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.