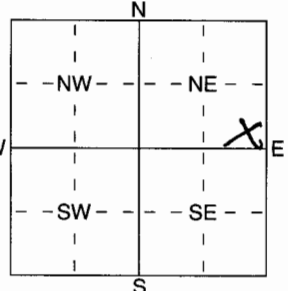


670214 1830  
COOK

1 LOCATION OF WATER WELL: Fraction SB 1/4 SB 1/4 NE 1/4 Section Number 8 Township Number T 11 S Range Number R 4 EW  
 County: DECKENSON

Distance and direction from nearest town or city street address of well if located within city?  
FROM UPLAND: 1 MILE EAST AND 1.75 NORTH

2 WATER WELL OWNER: CARY SCHMUTZ  
 RR#, St. Address, Box #: 133 STAR RD  
 City, State, ZIP Code: WAKEFIELD, KS. 67487  
 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 185 ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered 1 138 ft. 2 \_\_\_\_\_ ft. 3 \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL \_\_\_\_\_ ft. below land surface measured on mo/day/yr \_\_\_\_\_  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield 90 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 WELL WATER TO BE USED AS:  
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)  
CLOSED LOOP GROUNDWATER  
 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 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) HDR  
 CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_ Welded X Threaded \_\_\_\_\_  
 Blank casing diameter 3/4 in. to 185 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height below land surface 60 in., weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. SDK 11  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) \_\_\_\_\_ 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) \_\_\_\_\_ 11 None (open hole)  
 SCREEN-PERFORATED INTERVALS: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: 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 \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 What is the nearest source of possible contamination:  
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) HOUSE  
 Direction from well? EAST How many feet? 14

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	SOIL			
5	55	SHALE, BROWN, GRAY, RED			
55	58	LIMESTONE			
58	106	SHALE, BROWN TO GRAY			
106	108	LIMESTONE			
108	136	SHALE, RED TO GRAY			
136	137	LIMESTONE			
137	138	LIMESTONE <del>AND</del> COALS, H <sub>2</sub> O			
138	147	SHALE, GRAY			
147	151	LIMESTONE			
151	185	SHALE, GRAY			

4-185 notes  
 RECEIVED  
 OCT 01 2004  
 BUREAU OF WATER

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This geothermal well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7/19/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 585 This Water Well Record was completed on (mo/day/yr) 7/16/04 under the business name of ASSOCIATED ENVIRONMENTAL AND WATER CONCEPTS by (signature) \_\_\_\_\_