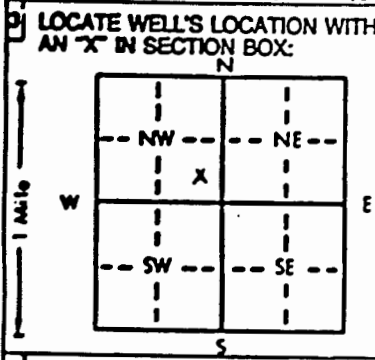


1) LOCATION OF WATER WELL: County: CRAWFORD Fraction: SE 1/4 SE 1/4 NW 1/4 Section Number: 15 Township Number: T 31 S Range Number: R 22 E

2) WATER WELL OWNER: Inter-chem Coal Company
 RR#, St. Address, Box #: 1887 E. 71st.
 City, State, ZIP Code: Tulsa, OK 74136
 Board of Agriculture, Division of Water Resources
 Application Number:



4) DEPTH OF COMPLETED WELL: 23' ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. _____
 WELL'S STATIC WATER LEVEL 0 ft. below land surface measured on mo/day/yr _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____
 Bore Hole Diameter: 6 1/4 in. to _____ ft., and _____ in. to _____
 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 X _____; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No _____

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)
 Blank casing diameter 2 in. to _____ ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____
 Casing height above land surface 36 in., weight _____ lbs./ft. Wall thickness or gauge No. Steel pipe
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 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 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 18 ft. to 23 ft., From _____ ft. to _____
 GRAVEL PACK INTERVALS: From 16 ft. to 23 ft., From _____ ft. to _____

6) GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 3 Bentonite 4 Other _____
 Grout intervals: From 15 ft. to 16 ft., From _____ ft. to _____ ft., From _____ ft. to _____
 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) none
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	1.0	Topsoil			
1.0	17.20	CLAY (WEATHERED)			
17.20	23.0	SHALE (gray-brn)			

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 DIVISION OF ENVIRONMENT

7) CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and completed on (mo/day/year) 2-29-87 and this record is true to the best of my knowledge and belief. Ks Water Well Contractor's License No. 419 This Water Well Record was completed on (mo/day/yr) 2-29-87 under the business name of Freddy VANS by (signature) Fred Van Beeklaan
 INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send 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.