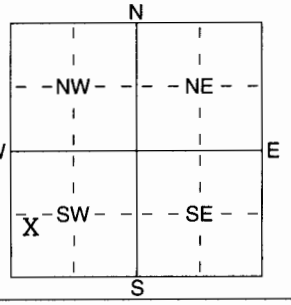
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. _____

1 LOCATION OF WATER WELL: County: Gray | Fraction: NW ¼ SW ¼ SW ¼ | Section Number: 33 | Township Number: T 27 S | Range Number: R 30 E/W

Distance and direction from nearest town or city street address of well if located within city?
1 Mile East, 7½ Mile North of Copeland

2 WATER WELL OWNER: Craig Koehn
RR#, St. Address, Box # : 7302 CC Road
City, State, ZIP Code : Copeland, Kansas 67837
Board of Agriculture, Division of Water Resources Application Number: 8701

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



4 DEPTH OF COMPLETED WELL 420 ft. ELEVATION:
Depth(s) Groundwater Encountered 1 242 ft. 2 345 367 ft. 3 378 ft.
WELL'S STATIC WATER LEVEL 242 ft. below land surface measured on mo/day/yr 6-18-07
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 700 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)

Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yrs sample was submitted
Water Well Disinfected? Yes X 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)
CASING JOINTS: Glued X & Clamped Welded Threaded

Blank casing diameter 16 in. to 360 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 12 in., weight lbs./ft. Wall thickness or guage No. SDR26

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 Guazed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 ~~Drilled~~ holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 420-400 Wirewrap ft. to ft., From 400-360 PVC ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20-420 ft. to 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 20-16 ~~Bentonite~~ ft., From 16-0 Cement 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)
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	15	Topsoil, clay & lime	170	174	Clay & little lime
15	30	Clay & little lime	174	176	Lime
30	45	Clay , lime, sand (fine)	176	180	Sand
45	53	Fine sand & clay	180	184	Clay with lime
53	60	Clay (blue) & lime	184	191	Sand
60	63	Clay & little lime	191	194	Clay, sand & little lime
63	83	Sand (fine)	194	195	Lime
83	90	Clay & little lime	195	196	Lime (hard)
90	105	Sand & clay & cemented sand	196	202	Sand (tight) & cemented sand
105	120	Sand & little cemented sand	202	208	Sand
120	135	Sand & gravel & cemented sand	208	210	Clay
135	139	Sand	210	241	Sand
139	140	Clay	241	243	Lime
140	170	Sand	243	251	Clay & little lime

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) 6-18-07 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 223 This Water Well Record was completed on (mo/day/yr) 6-22-07
under the business name of Dunham Drilling Inc, by (signature) Karen Dunham

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, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.

251	252	Lime (very hard
252	262	Sand
262	263	Cemented sand
263	266	Sand
266	267	Lime
267	268	Clay
268	270	Lime
270	273	Lime with clay
273	300	Clay & little lime
300	310	Clay & little lime & little fine sand
310	33	Clay & little fine sand
313	315	Clay & lime
315	330	Clay & m little fine sand
330	339	Clay & fine sand
339	345	Clay & little lime
345	358	Sand
358	360	Clay
360	366	Clay & sand
366	367	Cemented sand
367	375	Sand & little cemented sand
375	376	Sand (coarse)
376	378	Clay & cemented sand
378	390	Sand & little cemented sand
390	405	Sand & lime
405	415	Sand (coarse) (very good)