CORRECTION(S) TO WATER WELL RECORD (WWC-5)
(to rectify lacking or incorrect information)

County: Gray

Location listed as:	**Location changed to:**
Section-Township-Range: 23-29S-20	23-29S-30W
Fraction (¼ ¼ ¼): SE SE SE	SE SE SE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Written & legal descriptions, well owner's address, area road map, position on plat map, and mapping tool & aerial photos on KGS website. initials: DRL date: 3/17/2008

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

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

1 LOCATION OF WATER WELL: County: Gray | Fraction: SE ¼ SE ¼ SE ¼ | Section Number: 23 | Township Number: T 29 S | Range Number: R 20 E/W

Distance and direction from nearest town or city street address of well if located within city?

3½ mile East 4 Miles South of Copeland

2 WATER WELL OWNER: Richard Fleming

RR#, St. Address, Box # : 34905 6 Road

City, State, ZIP Code : Copeland, Kansas 67837

Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N / NW / NE / W / E / SW / SE / S — Xx

4 DEPTH OF COMPLETED WELL 357' ft. ELEVATION:

Depth(s) Groundwater Encountered 1 195 ft. 2 224 291 ft. 3 330 ft.

WELL'S STATIC WATER LEVEL 186 ft. below land surface measured on mo/day/yr 11-17-07

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield 16 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 5" in. to 277 ft., Dia in. to 317-327 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 277-297 ft. to 297-317 ft., From 337-357 ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20-357 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 0-20 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)

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Topsoil & clay & sand	168	171	Clay
30	45	Clay with lime	171	180	Sand & little cemented sand
45	60	Sand & clay	180	195	Sand & little clay
60	75	Sand & little clay	195	210	Sand & little cemented sand
75	90	Sand & little clay	210	220	Sand & little cemented sand
90	105	Sand	220	224	Clay
105	120	Clay & sand	224	225	Sand
120	129	Sand	225	231	Sand (fine) & clay
129	135	Clay	231	266	Clay (blue)
135	150	Sand & little cemented sand	266	270	Sand & clay
150	155	Sand & little cemented sand	270	277	Sand
155	156	Cemented sand	277	285	Clay & sand
156	165	Sand & little cemented sand	285	289	Sand
165	168	Sand	289	300	Sand

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) 11-17-07 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) 12-15-07

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.

300	309	Sand & little cemented sand
309	315	Lime (hard) & clay & little sand
315	327	Clay with cemented sand (hard)
327	330	:ɒime (very hard) & little cemented sand
330	331	Sand
331	339	Clay
339	341	Fine sand
341	345	Clay
345	353	Clay & little sand
353	357	Clay & little lime