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: 2-27S-30	20-27S-30W
Fraction (¼ ¼ ¼): NE NE SW	NE NE SW

Other changes: Initial statements: 13 mi N, 4½ mi E, 0.5 mi N.

Changed to: From Copeland: 10 mi. N., 0.5 mi. E.

Comments:

verification method: County ownership directory, water rights record in WIMAS database, and mapping tool & aerial photos on KGS website. initials: DRL date: 5/10/2010

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.

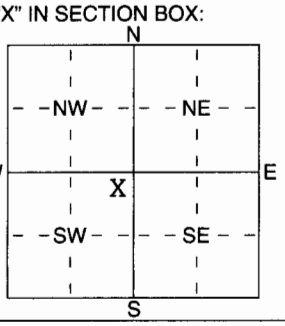
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. _____

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Gray	NE NE¼ SW ¼	20	T 26 27 S	R 30 E/W

Distance and direction from nearest town or city street address of well if located within city?
13 Mile North 4½ East 1/2 mile North

2 WATER WELL OWNER: Eugene Unruh
RR#, St. Address, Box # : 21904 2 Road
City, State, ZIP Code : Copeland, Kansas
Board of Agriculture, Division of Water Resources
Application Number: 14025

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



4 DEPTH OF COMPLETED WELL 335 ft. ELEVATION:
Depth(s) Groundwater Encountered 1 210 221 ft. 2 312 ft. 3 327 ft.
WELL'S STATIC WATER LEVEL 193 ft. below land surface measured on mo/day/yr 7-6-06
Pump test data: Well water was ____ ft. after ____ hours pumping ____ gpm
Est. Yield ____ 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 Bolted
Blank ~~casing~~ diameter 16 in. to 315 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 315 ft. to 335 ft., From ____ ft. to ____ ft.
From ____ ft. to ____ ft., From ____ ft. to ____ ft.
GRAVEL PACK INTERVALS: From 20 ft. to 335 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 Bento. ~~ft.~~, From 16-0 ~~Grout~~ 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	210	218	Sand & little clay
15	30	Fine sand & clay	218	221	Clay
30	45	Fine sand & little clay	221	225	Sand & little clay
45	60	Fine sand & clay	225	300	Clay & little lime
60	75	Clay & sand (fine)	300	312	Clay, lime & fine sand
75	90	Sand & gravel	312	318	Sand
90	105	Sand & gravel	318	322	Sand (coarse)
105	120	Sand & gravel & cemented sand	322	324	Cemented sand
120	135	Sand & gravel	324	325	Sand (coarse)
135	150	Sand & gravel & cemented sand	325	326	Clay
150	165	Sand & gravel & cemented sand	326	327	Cemented sand (hard)
165	195	Sand & gravel & cemented sand	327	331	Sand (coarse)
195	207	Sand & little gravel	331	334	Clay & sandstone (hard & dirty)
207	210	Clay & sand (coarse)	334	338	Sandstone (very hard & dirty)

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) 7-6-06 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) 7-26-06
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.