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: 20-29S-29	26-29S-29W
Fraction (¼ ¼ ¼): SW NE SE	SW NE SE

Other changes: Initial statements: 6 south, 4 West, ½ North & ½ West Montezuma.

Changed to: From Montezuma: 7 mi. S., 1.25 mi. W., 0.25 mi. N.

Comments:

verification method: Water rights information in WIMAS database, county ownership directory, and mapping tool & aerial photos on KGS website. initials: DRL date: 5/14/2010

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

Division of Water Resources; App. No. 22987

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

Distance and direction from nearest town or city street address of well if located within city?
6 South, 4 West 1/2 North & 1/2 West Montezuma

Global Positioning Systems (decimal degrees, min. of 4 digits)
Latitude: ____
Longitude: ____
Elevation: ____
Datum: ____
Data Collection Method: ____

2 WATER WELL OWNER:
RR#, St. Address, Box # : J & P Cattle
34252 11 Road
City, State, ZIP Code : Montezuma, Ks. 67867

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

N / W / E / S — NW, NE, SW, SE (X in SE)

4 DEPTH OF COMPLETED WELL 217 ft.

Depth(s) Groundwater Encountered (1) 138 ft. (2) 182 ft. (3) 193 ft.
WELL'S STATIC WATER LEVEL 130 ft. below land surface measured on mo/day/yr 11-20-08
Pump test data: Well water was ____ ft. after ____ hours pumping ____ gpm
Est. Yield 1200 gpm: Well water was ____ ft. after ____ hours pumping ____ gpm

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 Domestic (lawn & garden) 10 Monitoring well ____

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 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 177 ft., Diameter ____ in. to ____ ft., Diameter ____ 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 Steal 5 Fiberglass 6 Concrete tile 7 PVC 8 RM (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 177 ft. to 197 PVC ft., From 197 ft. to 217 wirewrap ft.
From ____ ft. to ____ ft., From ____ ft. to ____ ft.

GRAVEL PACK INTERVALS: From 20 ft. to 217 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 ft. to 18 cement ft., From 18 ft. to 20 Bentonite 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	20	Topsoil, clay & little lime	135	136	Sand
23	30	Clay & little lime (hard)	136	138	Clay
30	48	Clay & little lime (hard)	138	150	Sand. cemented sand
48	51	Sand (little fine)	150	154	Clay
51	60	Clay & little lime (hard)	154	155	Lime (hard)
60	74	Sand, fine sand with clay	155	163	Sand
74	85	Clay & little lime	163	168	Clay
85	90	Lime (hard) & clay	168	180	Sand (coarse)
90	105	Clay & little lime	180	181	Sand
105	120	Sand & clay (streaks)	181	182	Clay

00001200

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) 11-20-08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 223 This Water Well Record was completed on (mo/day/year) 12-17-08 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. Visit us at http://www.kdheks.gov/waterwell/index.html.

182	191	Sand (coarse)
191	193	Clay
193	195	Sand
195	207	Sand (coarse)
207	208	Cemented sand
208	212	Sand (coarse)
212	213	Lime (hard)
213	220	Clay (little blue)