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:	33-29S-27W
Fraction (¼ ¼ ¼):	NW SW SW

Other changes: Initial statements: Meade County
DWR Applic. No.: 9794

Changed to: Gray County
8784

Comments:

verification method: Written & legal descriptions, county ownership directory, water rights record in WIMAS database, and mapping tool & aerial photos on KGS website. initials: DRL date: 5/26/2010

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: NW ¼ SW ¼ SW ¼ | Section Number: 33 | Township Number: T 29 S | Range Number: R 27 E (W)

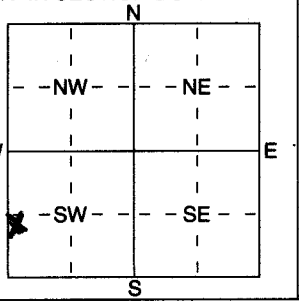
County: Meade

Distance and direction from nearest town or city street address of well if located within city?
11 Miles South & 2 3/4 Mile West of Ensign

2 WATER WELL OWNER: Howard Mendenhall
RR#, St. Address, Box # : P.O. Box 377
City, State, ZIP Code : Fowler, Kansas 67844

Board of Agriculture, Division of Water Resources
Application Number: 9794

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



4 DEPTH OF COMPLETED WELL 260 ft. ELEVATION:
Depth(s) Groundwater Encountered 1 149 ft. 2 186 212 ft. 3 240 ft.
WELL'S STATIC WATER LEVEL 133 ft. below land surface measured on mo/day/yr 12-11-07
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 220 ft., Dia ____ in. to ____ ft., Dia ____ in. to ____ ft.
Casing height above land surface 12 in., weight SDR26 lbs./ft. Wall thickness or guage No. ____

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 220 ft. to 260 ft., From ____ ft. to ____ ft.
From ____ ft. to ____ ft., From ____ ft. to ____ ft.
GRAVEL PACK INTERVALS: From 20 ft. to 260 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 0-16 Cement ft., From 16-20 ~~Cement~~ 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	15	Topsoil & clay & little lime	149	150	Sand
15	23	Lime (very hard) & clay	150	162	Sand & little cemented sand
23	30	Clay (hard) with little lime	162	169	Clay & little lime
30	45	Clay (gray & brown) & lime	169	180	Clay with lime (very hard)
45	60	Clay (gray, brown & white)	180	186	Clay & little lime (hard)
60	75	Clay (gray & brown) & lime	186	196	Sand
75	82	Clay & little lime	196	197	Clay
82	86	Clay & lime (little hard)	197	206	Sand
86	90	Fine sand & clay	206	210	Clay & 1' sand
90	105	Sand (fine) & little clay	210	212	Clay
105	120	Sand (little fine)	212	225	Sand
120	135	Sand (little fine & clay	225	228	Sand (little fine)
135	147	Sand	228	240	Clay with sand (3')
147	149	Clay	240	255	Sand, clay & cemented sand
			255+	260	lime with 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) 12-11-07 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) 12-17-07 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.