CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Finney

Location listed as:	**Location changed to:**
Section-Township-Range: None Given	19 - 24S - 31W
Fraction (¼ ¼ ¼):	NW SW SE SW

Other changes: Initial statements:

Changed to:

Comments: Vernon Cress, Finney County Surveyor, surveyed these well locations and provided the State Plane coordinates.

verification method: Phone call to Vernon Cress, and conversion of the State Plane coordinates to section, township, range, and quarters. initials: DRL date: 5/1/2007

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.

MW-18R

WATER WELL RECORD **Form WWC-5** Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Finney	Fraction ¼ ¼ ¼	Section Number	Township Number T S	Range Number R E/W

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

Global Positioning Systems (decimal degrees, min. of 4 digits)
~~Latitude~~: Northing: 1786519.4505
~~Longitude~~: Easting: 658294.3140
Elevation: 2867
Datum: NAD 88
Data Collection Method: GPS RTK

2 WATER WELL OWNER: John Ellerman
RR#, St. Address, Box # : 101 W. Maple
City, State, ZIP Code : Garden City, Kansas 67846

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

N — NW, NE, SW, SE — W, E — S

4 DEPTH OF COMPLETED WELL ...129... ft.

Depth(s) Groundwater Encountered (1)........ ft. (2)........ ft. (3)........ ft.
WELL'S STATIC WATER LEVEL........ ft. below land surface measured on mo/day/yr........
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: 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 ....; If yes, mo/day/yrs Sample was submitted........ Water well disinfected? Yes .... No ....

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued........ Clamped........
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded........
(2 PVC) 4 ABS 7 Fiberglass .... Threaded...ASTM Threads
Blank casing diameter ...2"... in. to ...99... ft., Diameter .... in. to .... ft., Diameter .... in. to ....ft.
Casing height above land surface........ in., Weight ....lbs./ft. Wall thickness or guage No. ...Sched. 40...
TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 3 Stainless Steel 5 Fiberglass (7 PVC) 9 ABS 11 Other (Specify) ....
2 Brass 4 Galvanized Steal 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot (3 Mill slot) 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) ....
SCREEN-PERFORATED INTERVALS: From....99.... ft. to ....129.... ft., From .... ft. to .... ft.
From........ ft. to .... ft., From .... ft. to .... ft.
GRAVEL PACK INTERVALS: From....96.... ft. to ....129.... 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 ...w/ 3% Bentonite...
Grout Intervals: From ....93.... ft. to ....0.... ft., From .... ft. to .... ft., From .... ft. to ....ft.
What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)
2 Sewer lines 5 Cess pool 8 Sewage lagoon ~~11 Fuel storage~~ 14 Abandoned water well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard (12 Fertilizer Storage) 15 Oil well/gas well ....
Direction from well? .... How many feet? ....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~			
		See Attached - MW-18R			

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) ...2/6/07... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ...597.... This Water Well Record was completed on (mo/day/year) ...3/15/07....... under the business name of Prosonic / Boart Longyear by (signature) Jenny Caldwell

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.

KSA 82a-1212

Western Plains Drilling Soil Log Description:
Drilling date 2/6/2007
MW-18R
Driller: Dave Wilcox and Adam Marshall
Helper: Thesus Taylor
Logged by: Jonathan Wilkinson and Rachael Collins
Screened interval: 99ft bgs to 129 ft bgs

0 to 3 ft CLAY and SAND
3 to 15 ft CALICHE and SAND
15 to 16 ft SAND and SILT
16 to 19 ft SAND
19 to 38 ft CALICHE and SAND
38 to 46 ft CALICHE and SAND and SILT
46 to 47 ft SAND and SILT
47 to 55 ft CALICHE and SAND and SILT
55 to 59 ft coarse SAND and fine GRAVEL
59 to 66 ft fine SAND
66 to 76 ft coarse SAND and fine GRAVEL
76 to 83 ft SAND and CLAY
83 to 86 ft SAND and SILT
86 to 87 ft coarse SAND and fine GRAVEL
87 to 90 ft fine SAND
90 to 95 ft CALICHE and fine SAND
95 to 97 ft coarse SAND
97 to 104 ft CLAY and CALICHE
104 to 110 ft fine SAND and CLAY
110 to 112 ft fine SAND
112 to 113 ft CALICHE
113 to 115 ft coarse SAND and fine GRAVEL
115 to 116 ft CLAY and CALICHE
116 to 117 ft CLAY and fine SAND
117 to 118 ft coarse SAND
118 to 119 ft CLAY and fine SAND
119 to 121 ft fine SAND
121 to 122 ft coarse SAND and fine GRAVEL
122 to 123 ft fine SAND
123 to 131 ft CLAY and fine SAND
131 to 140 ft coarse SAND and fine GRAVEL
140 to 141 ft fine SAND
141 to 142 ft CLAY
142 to 146 ft fine SAND and SILT and CLAY

FINNEY COUNTY KS

Department of Public Works
101 W. Maple Street
Garden City, Kansas 67846
www.finneycounty.org

Western Plains Landfill

Monitor Well Survey

Pt.	Northing	Easting	Elevation	Description
1	1785987.8024	657365.7079	2865.24	sq. cut on exist. MW#17 conc. pad
2	1785978.3820	657361.4209	2868.51	top of new PVC pipe
3 17R	1785977.8395	657361.5086	2866.18	ground at new well near MW # 17
4	1786555.0884	661007.0074	2872.38	top of new PVC pipe near MW #19
5	1786554.5993	661007.1494	2871.30	Void – error shot
6 19R	1786554.5330	661007.1286	2871.36	ground at new well near MW #19
7	1786561.3557	661000.6455	2871.92	sq. cut on exist. MW #19 conc. Pad
8	1786022.3744	660392.2595	2870.23	ground at temp. E
9	1786026.1958	659511.0275	2875.11	ground at temp. D
10	1786098.0699	658948.0384	2877.87	ground at temp. C
11	1786340.2590	658322.6095	2870.14	ground at temp. B
12	1786519.4505	658294.3140	2867.00	ground at new well near MW #18
13	1786519.5101	658294.1087	2869.53	top of new PVC pipe near MW #18
14	1786520.7872	658304.9947	2867.89	sq. cut on exist. MW #18 conc. Pad
15	1786213.8373	657419.0974	2867.30	ground at temp. A
Base	1786026.94	656604.44	2871.41	NW section corner of section 30, T42S, R31W 24

Date of Survey: February 8, 2007
State Plane Coordinates and elevations are based on datum established for Section Corner Recovery Project done by the Finney County Department of Public Works. Datum based on NAD 88
Coordinates and elevations for this project were established using GPS RTK equipment.

Vernon L. Cress, L.S.
Finney County
Sr. Engineering Technician

John Ellermann, P.E.
Director of Public Works
engineer02@finneycounty.org
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