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

County: Pawnee

Location listed as:	**Location changed to:**
Section-Township-Range: 32	32-21S-17W
Fraction (¼ ¼ ¼): SE SE NW	NE NE SE SW NW

Other changes: Initial statements: _____

Changed to: _____

Comments: Datum is believed to be NAD 27.

verification method: Latitude & longitude, KGS "LEO" conversion tool, written description, and mapping tool & aerial photo on KGS website. initials: DRL date: 11/13/2007

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.

WATER WELL RECORD Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: PAWNEE | Fraction: SE¼ SE ¼ NW ¼ | Section Number: 32 | 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? WEST SIDE OF OLD FT. LARNARD

Global Positioning Systems (decimal degrees, min. of 4 digits)
Latitude: 38° 10' 59"
Longitude: -99° 13' 08"
Elevation: 2037
Datum:
Data Collection Method:

2 WATER WELL OWNER: SHILLING ELECTRIC
RR#, St. Address, Box # : P.O. BOX 984
City, State, ZIP Code : TONGANOXIE, KS 66086-0984

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

N / W / E / S — NW: X; NE; SW; SE

4 DEPTH OF COMPLETED WELL 200 ft.

Depth(s) Groundwater Encountered (1) 28 ft. (2) 113 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 CLOSED LOOP GEOTHERMAL

Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yrs
Sample was submitted Water well disinfected? Yes No X

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 X
2 PVC 4 ABS 7 Fiberglass HDPE Threaded

Blank casing diameter 3/4 in. to 200 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 6 to 10 in., Weight lbs./ft. Wall thickness or guage No. SDR 11

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 ft. to ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 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 5 ft. to 200 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 BUILDINGS
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well
Direction from well? NORTH How many feet? 15

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	22	SILTY CLAY, BROWN			
22	28	CLAYEY SILT, TAN			
28	36	SAND, FINE			
36	56	SAND, MEDIUM TO COURSE			
56	113	SHALE, MOTTLED WHITE/RED			
113	143	SANDSTONE			
143	200	SHALE, GRAY TO BLUE GRAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This geothermal well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 9/11/07 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760 This Water Well Record was completed on (mo/day/year) 10/20/07 under the business name of ASSOCIATED DRILLING INC by (signature)

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.