

County: Dickinson Fraction SE NW NE SW Sec. 8 T 13 S R 3 (E)W

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

(to rectify lacking or incorrect information)

Owner: Espeseth, Nels

Location was listed as:

Section-Township-Range: None Given

Fraction (1/4 1/4 1/4): _____

Location changed to:

8-13S-3E

SE NW NE SW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: Well site address, city street map, and mapping tool & aerial photos on KGS website.

initials: DRJ date: 4/22/2013

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

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: Dickinson Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ Section Number _____ Township Number T S Range Number R E W

2 WELL OWNER: Last Name Espeseth First: NELS Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:
 Business: _____ Address: Po Box 258 City: Chapman State: Ks ZIP: 67431 2343 W Detroit St. Detroit

3 LOCATE WELL WITH "X" IN SECTION BOX:

N	
--NW--	--NE--
W	E
--SW--	--SE--
S	

-----1 mile-----

4 DEPTH OF COMPLETED WELL: 92 ft.
 Depth(s) Groundwater Encountered: 1) 83 ft.
 2) _____ ft. 3) _____ ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 52 ft.
 below land surface, measured on (mo-day-yr)
 above land surface, measured on (mo-day-yr) 1-23-13
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Well water was _____ ft. after _____ hours pumping _____ gpm
 Estimated Yield: 1530 gpm
 Bore Hole Diameter: _____ in. to 92 ft. and _____ in. to _____ ft.

5 Latitude: _____ (decimal degrees)
Longitude: _____ (decimal degrees)
 Datum: WGS 84 NAD 83 NAD 27
Source for Latitude/Longitude:
 GPS (unit make/model: _____) (WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper: _____
6 Elevation: _____ ft. Ground Level TOC
Source: Land Survey GPS Topographic Map
 Other _____

7 WELL WATER TO BE USED AS:

1. Domestic: <input checked="" type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID _____ 6. <input type="checkbox"/> Dewatering: how many wells? _____ 7. <input type="checkbox"/> Aquifer Recharge: well ID _____ 8. <input type="checkbox"/> Monitoring: well ID _____ 9. Environmental Remediation: well ID _____ <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease _____ 11. Test Hole: well ID _____ <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? _____ a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): _____
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Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: _____
 Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other _____ CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5 in. to 92 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.
 Casing height above land surface 72 in. Weight 50020 lbs./ft. Wall thickness or gauge No. 214
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify) _____
 Brass Galvanized Steel Concrete tile None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) _____
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From 52 ft. to 92 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 20 ft. to 92 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other _____
 Grout Intervals: From 0 ft. to 20 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
Nearest source of possible contamination:
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify) _____
 Direction from well? S Distance from well? 100 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
<u>0</u>	<u>12</u>	<u>Clay</u>			
<u>12</u>	<u>25</u>	<u>Fine Sand</u>			
<u>25</u>	<u>83</u>	<u>Yellow + Red Shale</u>			
<u>83</u>	<u>84</u>	<u>Crumbled Shale + Water</u>			
<u>84</u>	<u>92</u>	<u>Red Rock</u>			

Notes: _____

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 1-23-13 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 180 This Water Well Record was completed on (mo-day-year) _____
 under the business name of Backhus Drilling