

County: Cloud Fraction SW SW SW NE Sec. 13 T 8 S R 4 E/W

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

(to rectify lacking or incorrect information)

Owner: David Forshree

Location was listed as:

Section-Township-Range: 13-85-4W

Fraction (1/4 1/4 1/4): NE SE

Location changed to:

13-85-4W

SW SW SW NE

Other changes: Initial statements: Ottawa County

Changed to: Cloud County

Comments: _____

Verification method: Latitude & longitude, KGS' "LEO" conversion tool, Cloud County online parcel search, area road map, and mapping tool & aerial photos on KGS website. initials: DKA date: 11/23/2016

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 660473726

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: OTTAWA	Fraction ¼ ¼ NE ¼ SE ¼	Section Number 13	Township Number T 8 S	Range Number R 4 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: FORSHEE First: DAVID Business: FORSHEE FARMS LLC Address: 1141 CLOUD ROAD City: DELPHOS State: KS ZIP: 67436	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: <input type="checkbox"/> 120TH AND CAMP ROAD
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3 LOCATE WELL WITH "X" IN SECTION BOX:

N

NW	NE
SW	SE

S

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

4 DEPTH OF COMPLETED WELL: 300 ft.

Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft. or 4) Dry Well

WELL'S STATIC WATER LEVEL: 70 ft.

below land surface, measured on (mo-day-yr).....
 above land surface, measured on (mo-day-yr).....

Pump test data: Well water was 103 ft.
 after hours pumping 1000 gpm
 Well water was 176 ft.
 after hours pumping 1280 gpm

Estimated Yield: 1000 gpm
 Bore Hole Diameter: 28 in. to ft. and
 in. to ft.

5 Latitude: 39.3576747 (decimal degrees)
Longitude: -97.7132834 (decimal degrees)
 Horizontal 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 type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input checked="" type="checkbox"/> Livestock 2. <input checked="" 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 16 in. to 200 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface in. Weight 19.328 lbs./ft. Wall thickness or gauge No. 6.16

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 200 ft. to 300 ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 70 ft. to 300 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 5 ft. to 70 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? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	TOP SOIL	163	285	GRAY CLAY
5	70	GRAY, RED, AND FIRE CLAY	285	287	IRON PYRITE
70	86	GRAY CLAY WITH PYRITE LAYERS	287	300	WHITE SANDSTONE W. PYRITE LAYER
86	90	WHITE SANDSTONE			
90	102	GRAY CLAY			
102	145	GRAY SAND STONE			
145	147	HARD GRAY SHALE			
147	160	GRAY CLAY			
160	163	SHALE			

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) 7/14/2015 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 480. This Water Well Record was completed on (mo-day-year) 11/12/2015 under the business name of WILLIAMS DRILLING CO., INC. Signature: *Tom Williams*