1363026

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: Crawford	Fraction: NW ¼ NE ¼ NE ¼ NE ¼	Section Number: 1	Township Number: T 31 S	Range Number: R 21 ☑ E ☐ W

2 WELL OWNER: Last Name: Freiden First: Jonathon
Business:
Address: 11704 Aberdeen Rd
Address:
City: Leawood State: KS ZIP: 66211

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: ☐
450' west, 130' south of intersection 530th and 30th, McCune, KS

3 LOCATE WELL WITH "X" IN SECTION BOX:
N
NW | NE (X)
W | E
SW | SE
S
|----------1 mile---------|

4 DEPTH OF COMPLETED WELL: 615 ft.
Depth(s) Groundwater Encountered: 1) 492 ft. 2) 536 ft. 3) .... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 260 ft.
☑ below land surface, measured on (mo-day-yr) 7/26/2017
☐ above land surface, measured on (mo-day-yr) ....
Pump test data: Well water was .... ft.
after .... hours pumping .... gpm
Well water was .... ft.
after .... hours pumping .... gpm
Estimated Yield: 5 gpm
Bore Hole Diameter: 10 in. to 50 ft. and
6 in. to 615 ft.

5 Latitude: 37.38342 (decimal degrees)
Longitude: 95.05113 (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: 870 ft. ☑ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map
☑ Other KOLAR

7 WELL WATER TO BE USED AS:
1. Domestic:
   ☐ Household
   ☑ Lawn & Garden
   ☑ Livestock
2. ☐ Irrigation
3. ☐ Feedlot
4. ☐ Industrial
5. ☐ Public Water Supply: well ID ....
6. ☐ Dewatering: how many wells? ....
7. ☐ Aquifer Recharge: well ID ....
8. ☐ Monitoring: well ID ....
9. Environmental Remediation: well ID ....
   ☐ Air Sparge ☐ Soil Vapor Extraction
   ☐ Recovery ☐ Injection
10. ☐ Oil Field Water Supply: lease ....
11. Test Hole: well ID ....
   ☐ Cased ☐ Uncased ☐ Geotechnical
12. Geothermal: how many bores? ....
   a) Closed Loop ☐ Horizontal ☐ Vertical
   b) Open Loop ☐ Surface Discharge ☐ Inj. of Water
13. ☐ Other (specify): ....

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 6.625 in. to 50 ft., Diameter .... in. to .... ft., Diameter .... in. to .... ft.
Casing height above land surface 24 in. Weight .... lbs./ft. Wall thickness or gauge No. sch 40
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 490 ft. to 615 ft., From .... ft. to .... ft., From .... ft. to .... ft.
GRAVEL PACK INTERVALS: From .... ft. to .... ft., From .... ft. to .... ft., From .... ft. to .... ft.

9 GROUT MATERIAL: ☑ Neat cement ☐ Cement grout ☐ Bentonite ☐ Other ....
Grout Intervals: From 3 ft. to 50 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? South Distance from well? 240 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
Attached	Attached	Attached			

Notes:
Salt water at 492. pNa=1.4

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) 7/26/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 841 This Water Well Record was completed on (mo-day-year) 8/11/2017 under the business name of Double J Energy

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212

Form	WWC5
Contractor	Double J Energy
Well Owner	Jonathon Freiden
Doc ID	1363026

Litholgy

From	To	LithologicLog
0	7	Soil
7	9	sandstone
9	17	Limestone
17	19	Shale
19	38	sandstone
38	44	shale
44	58	sandstone
58	126	shale
126	129	coal
129	139	shale
139	147	limestone
147	164	shale
164	165	coal
165	173	shale
173	186	sandstone
186	207	coal
207	245	sandstone- oil odor
245	259	shale
259	270	sandstone
270	297	shale
297	310	sandstone
310	358	shale
358	367	sandstone
367	489	shale

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Litholgy

From	To	LithologicLog
489	500	limestone
500	615	brown limestone