WATER WELL RECORD Form WWC-5 1214163

Division of Water Resources App. No. ______ Well ID ______

☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL:

County: Chautauqua | Fraction: NE¼ NW¼ NW¼ NW¼ | Section Number: 4 | Township Number: T 35 S | Range Number: R 11 ☑ E ☐ W

2 WELL OWNER:

Last Name: Moore First: Allen
Business:
Address: 1900 Dalton Rd
Address:
City: Sedan State: KS ZIP: 67361

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: ☑

3 LOCATE WELL WITH "X" IN SECTION BOX:

N / W / E / S — X marked in NW quarter (NW corner)
- - NW - - | - - NE - - | - - SW - - | - - SE - -
|----------1 mile---------|

4 DEPTH OF COMPLETED WELL: 187 ft.

Depth(s) Groundwater Encountered: 1) 102 ft. 2) 170 ft. 3) ...... ft., or 4) ☐ Dry Well

WELL'S STATIC WATER LEVEL: 80 ft.
☑ below land surface, measured on (mo-day-yr) 07/14/2014
☐ 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: 20 gpm

Bore Hole Diameter: 9.75 in. to 40 ft. and 6 in. to 187 ft.

5 Latitude: 37.03944 (decimal degrees)

Longitude: 96.21583 (decimal degrees)

Datum: ☐ WGS 84 ☑ NAD 83 ☐ NAD 27

Source for Latitude/Longitude:
☑ GPS (unit make/model: Magellan Sportrak map)
(WAAS enabled? ☑ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: ....

6 Elevation: 921 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 40 ft., Diameter .... in. to .... ft., Diameter .... in. to .... ft.

Casing height above land surface 12 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 147 ft. to 187 ft., From .... ft. to .... ft., From .... ft. to .... ft.

GRAVEL PACK INTERVALS: From 186 ft. to 187 ft., From .... ft. to .... ft., From .... ft. to .... ft.

9 GROUT MATERIAL: ☐ Neat cement ☑ Cement grout ☐ Bentonite ☐ Other ....

Grout Intervals: From 0 ft. to 40 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
Attached	Attached	Attached			

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) 7/15/2014 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) 7/25/2014 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	Allen Moore
Doc ID	1214163

Litholgy

From	To	LithologicLog
0	15	Sandstone
15	27	clay shale
27	47	gray shale
47	54	red/gray shale
54	63	fine sand
63	68	Gray shale
68	72	Fine Sand
72	84	red/gray shale
84	86	fine sand
86	90	gray shale
90	105	Fine sand
105	107	gray shale
107	118	Sand
118	122	shale
122	182	sand
182	187	shale