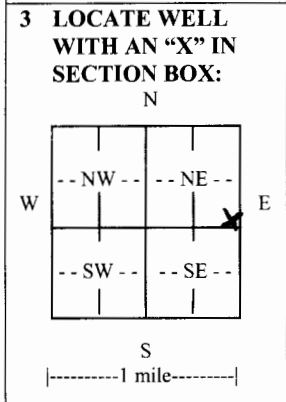


WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Douglas</u>	Fraction <u>SE 1/4 SE 1/4 SE 1/4 NE 1/4</u>	Section Number <u>8</u>	Township No. T <u>15</u> S	Range Number R <u>20</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input checked="" type="checkbox"/> .		Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: <u>Aaron Klissen</u> RR#, Street Address, Box #: <u>1694 N. 160 Rd</u> City, State, ZIP Code: <u>Baldwin City, KS, 66006</u>				



4 DEPTH OF COMPLETED WELL 100 ft.

Depth(s) Groundwater Encountered (1).....53-92 ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL.....46 ft. below land surface measured on mo/day/yr. 6-1-12

Pump test data: Well water was.....ft. after..... hours pumping..... gpm

EST. YIELD.....10 gpm, Well water was.....ft. after..... hours pumping..... gpm

Bore Hole Diameter8 3/4 in. to102 ft., andin. to ft.

WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.....

Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter5 in. to70 ft., Diameter5 in. to90-100 ft., Diameter in. to ft.

Casing height above land surface.....30 in., Weight 52.26 lbs./ft., Wall thickness or gauge No.160 P51

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From.....70 ft. to90 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: Neat cement Cement grout Bentonite Other

Grout Intervals: From.....46 ft. to3 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well

Direction from wellW..... Distance from well100.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	so. 1" Clay			
4	32	Sandstone			
32	34	Sandy shale			
34	36	Sandstone			
36	53	Sandy shale			
53	82	White Sandstone			
82	92	Limey Sandstone			
92	100	Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 6-1-12 and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. 561 This Water Well Record was completed on (mo/day/year) 6-5-12 under the business name of Emerald Energy Dev. Inc. by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.