

WATER WELL RECORD

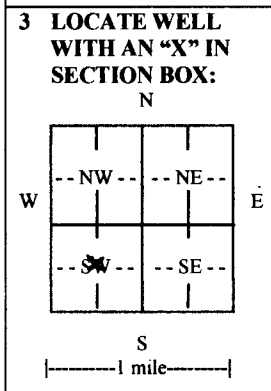
Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: DOUGLAS	Fraction SE 1/4 SE 1/4 NW 1/4 SW 1/4	Section Number 6	Township No. T 13 S	Range Number R 20 E
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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
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2 WATER WELL OWNER: CASEY & JACKIE BIGGS RR#, Street Address, Box #: 2045 VERMONT STREET City, State, ZIP Code : LAWRENCE, KS 66046	
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4 DEPTH OF COMPLETED WELL 400 ft.

Depth(s) Groundwater Encountered (1) 120 ft. (2) ft. (3) ft.

WELL'S STATIC WATER LEVEL 100 ft. below land surface measured on mo/day/yr.....

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

EST. YIELD 20 gpm. Well water was ft. after hours pumping gpm

Bore Hole Diameter 5 5/8 in. to 400 ft., and in. 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 **CLOSED LOOP**.....

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 H.D. POLYETHYLENE.....

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter 1 in. to 400 ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface 36 in., Weight SDR11 lbs./ft., Wall thickness or gauge No. 160PSI.....

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 ft. to 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 3 ft. to 400 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 well Distance from well

FROM	TO	LITHOLOGIC LOG		FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	26	SOIL/CLAY	179-186 LIME	349	356	SANDSTONE
26	29	LIME	186-200 SANDSTONE	356	367	SHALE
29	43	SHALE	200-203 SHALE	367	376	LIME
43	52	SANDSTONE	203-221 LIME	376	395	SHALE
52	81	SHALE	221-242 SHALE	395	400	LIME
81	105	SANDSTONE	242-249 SANDSTONE			
105	107	LIME	249-259 SHALE			
107	162	SANDSTONE	259-333 LIME	400	3	2-400' BORES PLUGGED WITH
162	173	LIME	333-340 SHALE			HIGH SOLID BENTONITE
173	179	SHALE	340-349 LIME			

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) 03/19/2015..... 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) 03/20/2015..... under the business name of EVANS ENERGY DEVELOPMENT, 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 one copy 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>