

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

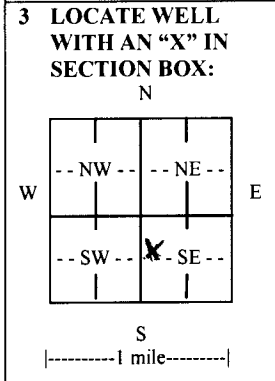
10,191 34,613

1 LOCATION OF WATER WELL: County: Haskell	Fraction ¼ SW ¼ NW ¼ SE ¼	Section Number 16	Township No. T 27 S	Range Number R 31 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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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 approx 9 miles southeast of Hwy 83 & Finney/Haskell county line

Global Positioning System (GPS) information:
 Latitude: .37.69754..... (in decimal degrees)
 Longitude: 100.71607..... (in decimal degrees)
 Elevation: .2810.....
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Ken Nighthale
 RR#, Street Address, Box #: 2138 40th Road
 City, State, ZIP Code : Copeland, KS 67837



4 DEPTH OF COMPLETED WELL 470 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL. 254.....ft. below land surface measured on mo/day/yr. 6/20/11
 Pump test data: Well water was. 300.....ft. after. 4..... hours pumping. 1403..... gpm
 EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm
 Bore Hole Diameter 24.....in. to 470.....ft., andin. toft.
 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 diameter .16..... in. to .470..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface. 12..... in., Weightlbs./ft., Wall thickness or gauge No. .0.219.....
 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...300..... ft. to ...400..... ft., From ...415..... ft. to ...465..... ft.
 From..... ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From...20..... ft. to ...360..... ft., From ...360..... ft. to ...470..... ft.
 From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 0..... ft. to 20..... 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 **None Detected**
 Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	top soil	246	250	brown clay
2	14	brown sndy cly w/ couple snd beds	250	330	snd fine-med coarse, some sm gravel
14	58	fine sand w/ couple clay ledges	330	342	brwn sndy cly w/ some snd beds
58	100	snd fn-md crs sm, md, some lrg grvl	342	365	sand fine to med coarse
100	120	brwn sndy cly w/ couple snd strips	365	400	fine sand w/ some clay stringers
120	154	brwn sdy cly w/ few sm lime rk strp	400	428	brown sandy clay
154	190	sand fine to med coarse	428	465	sandstone and some soapstone
190	200	snd fine-med coarse w/ few cly ledge	465	470	shale
200	218	brown clay w/ couple sand strips			
218	246	sand fine to med coarse			

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) 6/20/11 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145..... This Water Well Record was completed on (mo/day/year) 7/22/11 under the business name of Hydro Resources..... by (signature) *Devin J. Kuhn*

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 785-296-5322. 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>.