

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

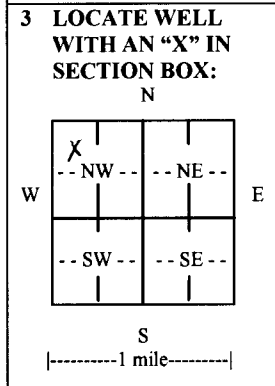
14,732

1 LOCATION OF WATER WELL: County: Haskell	Fraction ¼ NW ¼ NW ¼ SE ¼	Section Number 7	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 7 miles southeast of Garden City, KS

Global Positioning System (GPS) information:
Latitude: 37.71468 (in decimal degrees)
Longitude: 100.75098 (in decimal degrees)
Elevation: 2899
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: R & L Farms % Richard Unruh
RR#, Street Address, Box #: 295 TT Road
City, State, ZIP Code : Copeland, KS 67837



4 DEPTH OF COMPLETED WELL 540 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 247ft. below land surface measured on mo/day/yr. 4/20/11.....
Pump test data: Well water was.....ft. after..... hours pumping..... gpm
EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm
Bore Hole Diameter 16.....in. to 540.....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 540..... ft., Diameter in. to ft.
Casing height above land surface 12..... in., Weight 42.09..... lbs./ft., Wall thickness or gauge No. 0.250.....
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 275..... ft. to 415..... ft., From 415..... ft. to 535..... ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20..... ft. to 190..... ft., From 190..... ft. to 200..... ft.
From 200..... ft. to 420..... ft., From 420..... ft. to 540..... 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	217	247	brwn red sndy cly, some fine snd bds
2	12	brown sandy clay	247	320	fine to med coarse sand
12	23	fine sand to med	320	435	fine sand
23	38	brown sandy clay	435	462	vlw spstn sndstn some blk shl strp
38	68	fine to med sand, coarse gravel	462	515	sandstone, soapstone
68	77	brown sandy clay	515	535	shle vlw spstn. sdstn sme brw rd rk
77	152	fine to med coarse sand	535	540	black shale
152	168	brown clay			
168	206	blue clay			
206	217	brwn sndy cly, yllw cly, soapstone			

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) 4/20/11..... 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) 5/10/11..... under the business name of Hydro Resources..... 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 785-296-5522. 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>.