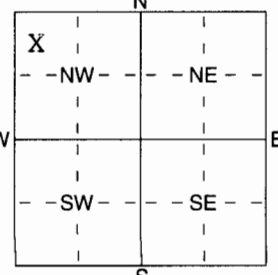


1 LOCATION OF WATER WELL: Fraction NW 1/4 Nw 1/4 NW 1/4 Section Number 15 Township Number T 27 S Range Number R 31 E/W

Distance and direction from nearest town or city street address of well if located within city?  
 1 1/2 mile north, 3 miles west 10 miles north & 1 west Location from Copeland DPL 10/09

2 WATER WELL OWNER: Gale Frank  
 RR#, St. Address, Box # : 405 WW Road Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Copeland, Kansas 67837 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  DEPTH OF COMPLETED WELL 420 ft. ELEVATION: 330 ft. 343 ft. 357 ft. 390 ft.  
 Depth(s) Groundwater Encountered 1 330 ft. 2 343 ft. 3 357 ft. 390 ft.  
 WELL'S STATIC WATER LEVEL 2.30 ft. below land surface measured on mo/day/yr 9/5/09  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield 1.0 gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well stock well  
 Was a chemical/bacteriological sample submitted to Department? Yes ..... No X.....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded  
 2 PVC 4 ABS 7 Fiberglass Threaded  
 Blank casing diameter 5 in. to 3.20 ft. Dia 3.40-3.60 in. to 3.80-4.00 Dia  
 Casing height above land surface 1.2 in., weight SDR 26 lbs./ft. Wall thickness or guage No.  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-Cement  
 1 Steel 3 Stainless Steel 5 Fiberglass 8 RMP (SR) 11 Other (Specify)  
 2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ft.  
 SCREEN-PERFORATED INTERVALS: From 3.20-3.40 ft. to 3.60-3.80 ft. From 4.00-4.20 ft. to ft.  
 GRAVEL PACK INTERVALS: From 2.0 ft. to 4.20 ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout intervals: From 20-18 Bentonite ft. From 18-0 Cement ft. From ft. to ft.  
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well  
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage  
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Topsoil, clay & fine sand	195	197	Sand
30	45	Clay & fine sand	197	207	Clay & little lime
45	55	Clay & little sand	207	210	Sand
55	60	Sand	210	225	Sand & little clay
60	75	Sand & Gravel	225	237	Sand & 1' clay
75	90	Sand & gravel	237	240	Cemented sand & little sand
90	100	Sand & gravel	240-	255	Sand with clay & cemented sand
100	102	Clay	255	262	Sand
102	105	Coarse Gravel	262	267	Clay & little lime
105	120	Sand & gravel	267	270	Sand
120	135	Sand & little gravel	270	285	Sand & little cemented sand
135	150	Clay with sand & little lime	285	300	Sand & little cemented sand
150	155	Sand & little clay	300	302	Cemented sand
165	195	Sand with clay	302	307	Sand & little cemented sand

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 9/8/09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 223 This Water Well Record was completed on (mo/day/yr) 9/16/09 under the business name of Dunham Drilling inc. by signature Karen Dunham

307	315	Clay & little lime
315	317	Clay & little lime
317	323	Sand & little cemented sand
323	330	Cemented sand with sand
330	338	Sand & little cemented sand
338	339	Lime
339	345	Clay
345	353	Sand
353	357	Clay
357	371	Sand
371	373	Clay
373	375	Sand
375	385	Clay with lime
385	387	Sand
387	390	Clay with lime
390	405	Sand with clay (streaks)
405	410	Sand & clay
410	420	Clay with lime (very hard)