

1 LOCATION OF WATER WELL: Fraction $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE Section Number 17 Township Number T 30 S Range Number R 30 EAW

Distance and direction from nearest town or city street address of well if located within city?
 7 1/2 miles South, 1/2 mile East of Copeland

2 WATER WELL OWNER: United Methodist Church
 RR#, St. Address, Box #: P.O. Box 27
 City, State, ZIP Code: Copeland, Kansas 67837
 Board of Agriculture, Division of Water Resources
 Application Number: 24322

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL 405 ft. ELEVATION: 292 ft. 360 ft. 387 ft. 403 ft.
 Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft.
 WELL'S STATIC WATER LEVEL 245 ft. below land surface measured on mo/day/yr 4-8-10
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 1500 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
 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: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X & Bolted
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 16 in. to 345 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No. SDR26
 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 405-385 Agri Screen ft. to ft. to ft.
 From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From 20-405 ft. to ft. From ft. to ft.
 From ft. to ft. From ft. to ft.

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

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Topsoil & clay with lime	123	125	Lime
30	45	Clay, little lime & fine sand	125	128	Clay & little lime
45	60	Fine sand & clay & little lime	128	135	Sand & little clay
60	65	sand (fine)	135	139	Sand
65	67	Lime (hard)	139	141	Lime
67	76	Sand	141	148	Clay & little lime
76	87	Clay & lime	148	150	Lime
87	89	Sand	150	165	Sand & 1' clay
90	102	Sand & gravel & cemented sand	165	166	Sand
102	105	Clay	166	167	Lime
105	107	Lime	167	173	Clay & little lime
107	116	Sand	173	240	Sand
116	120	Lime & clay & sand	240	255	Sand & 2' clay
120	123	Sand	255	270	Clay (blue)

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) April 8, 2010 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) 4-19-2010 under the business name of Dunham Drilling Inc. by (signature) *Kash Dunham*

270 292 Clay (blue)
292 315 Sand
315 330 Sand (little fine)
330 345 Sand (little fine)
345 360 Sand (little fine & medium)
360 373 Sand
373 375 Clay
375 383 Clay & little lime
383 387 Lime & clay
387 391 Sand
391 393 clay
393 401 Sand
401 403 clay
403 405 Sand (little fine)
405 407 Clay & little lime