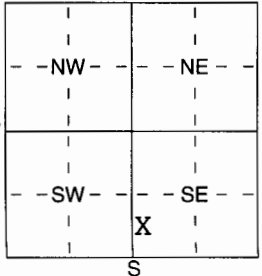


1 LOCATION OF WATER WELL: Fraction NW 1/4 SW 1/4 SE 1/4 Section Number 29 Township Number T 30 S Range Number R 30 E/W
 County: Meade
 Distance and direction from nearest town or city street address of well if located within city?
12 mile South, 1/2 mile East & 3/4 mile South of Copeland

2 WATER WELL OWNER: Leslie J. Unruh
 RR#, St. Address, Box # : P.O. Box 187 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Copeland, Kansas 67837 Application Number: 16494

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 420 ft. ELEVATION: 420 ft.
 Depth(s) Groundwater Encountered 1 330 ft. 2 381 ft. 3 400 ft.
 WELL'S STATIC WATER LEVEL 286 ft. below land surface measured on mo/day/yr 2-4-08
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 1.100 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X & compacted
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____
 2 PVC 4 ABS 7 Fiberglass Threaded _____
 Blank casing diameter 16 in. to 320 ft., Dia 360-380 in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 12 in., weight SDR 26 lbs./ft. Wall thickness or gauge 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 320-400 PVC to _____ ft., From 400-420 Wirewrap to _____ ft.
 GRAVEL PACK INTERVALS: From 20-420 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.
 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	180	183	Sand
30	45	Clay (pink), lime & fine sand	183	184	Lime (very hard)
45	51	Clay, lime & fine sand	184	200	Clay (yellow & blue & gummy)
51	56	Fine sand & little clay	200	201	Lime (hard)
56	60	Cemented sand & clay	201	202	Clay
60	65	Clay with cemented sand	202	210	Sand
65	75	Clay & little lime	210	222	Clay (blue) & little lime
75	83	Clay (pink)	222	273	Sand
83	90	Clay with little lime	273	275	Clay
90	84	Clay with little lime	275	285	Sand (fine) & cemented sand
94	105	Sand	285	300	Sand (little fine & medium)
105	135	Sand & 3' clay	300	330	Sand
135	150	Sand	330	360	Sand (little fine & medium)
150	165	Sand & 4' clay	360	376	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) 2-4-08 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) 2-17-08 under the business name of Dunham Drilling Inc. by (signature) Karen Dunham

376	377	Cemented sand (very hard)
377	381	Clay & little cemented sand (hard)
381	390	Sand
390	400	Clay & little lime
400	405	Sand (little fine & tight) & clay
405	410	Sand (little fine & tight) & clay
410	411	Lime (very hard)
411	413	Lime (broken)
413	420	Clay & little lime
420	435	Clay & little lime