

1 LOCATION OF WATER WELL: County <u>Muskegon</u>		Fraction <u>Nw</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ <u>Se</u> $\frac{1}{4}$	Section Number <u>24</u>	Township Number <u>T 29</u> <u>S</u>	Range Number <u>R 31</u> <u>E/W</u>
Distance and direction from nearest town or city street address of well if located within city? <u>1 Mile West 1 1/2 south & 1/2 west of Copeland</u>					
2 WATER WELL OWNER: <u>Tom Waldron</u> RR#, St. Address, Box # : <u>1774 XX Road</u> City, State, ZIP Code : <u>Copeland, Kansas 67837</u> Board of Agriculture, Division of Water Resources Application Number: <u>1661</u>					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>410</u> ft. ELEVATION: _____			
		Depth(s) Groundwater Encountered 1 <u>315</u> ft. 2 <u>344</u> ft. 3 <u>380</u> ft. 4 <u>402</u> ft. WELL'S STATIC WATER LEVEL <u>278</u> ft. below land surface measured on mo/day/yr <u>5-29-08</u> Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield <u>1.100</u> 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 <u>X</u> ; If yes, mo/day/yr sample was submitted _____			
		Water Well Disinfected? Yes <u>X</u> No _____			
5 TYPE OF BLANK CASING USED:					
1 Steel 3 RMP (SR)		5 Wrought iron 8 Concrete tile		CASING JOINTS: Glued <u>X</u> & bolted	
2 PVC 4 ABS		6 Asbestos-Cement 9 Other (specify below)		Welded _____	
Blank casing diameter <u>16</u> in. to <u>370</u> ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.		7 Fiberglass		Threaded _____	
Casing height above land surface <u>1.2</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>SDR26</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless Steel 5 Fiberglass 8 RMP (SR)		7 PVC 10 Asbestos-Cement		11 Other (Specify) _____	
2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS		12 None used (open hole)			
SCREEN OR PERFORATION OPENINGS ARE:					
1 Continuous slot 3 Mill slot 5 Guazed wrapped 8 Saw cut 11 None (open hole)		6 Wire wrapped 9 Drilled holes			
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____ ft.					
SCREEN-PERFORATED INTERVALS: From <u>370</u> ft. to <u>390</u> ft. From <u>390</u> ft. to <u>410</u> ft.					
GRAVEL PACK INTERVALS: From <u>20</u> ft. to <u>410</u> ft. From _____ ft. to _____ ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____					
Grout Intervals: From <u>20-16 Bentonite</u> ft. From <u>16-0 Cement</u> ft. From _____ 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		11 Fuel storage 15 Oil well/Gas well			
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)		13 Insecticide storage			
3 Watertight sewer lines 6 Seepage pit 9 Feedyard					
Direction from well? _____ How many feet? _____					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	30	Topsoil & clay	135	150	Sand & 3' clay
30	38	Clay & little lime	150	165	Sand & little clay
38	45	Clay & lime	165	180	Sand & little cemented sand
45	60	Clay with lime	180	192	Sand
60	75	Clay with lime & little sand	192	194	Cemented sand
75	81	Clay with lime	194	195	Sand
81	89	Sand	195	210	Sand, cemented sand & clay
89	90	Lime	210	215	Sand, cemented sand & clay
90	105	Sand & little clay	215	221	Clay & little lime
105	110	Clay & little sand	221	225	Sand
110	116	Sand & little cemented sand	225	240	Sand & cemented sand
116	120	Clay	240	300	Sand little fine
120	122	Clay & little lime	300	315	Clay & little fine sand (blue)
122	135	Sand & little cemented sand	315	330	Sand & clay
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) <u>May 29, 2008</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No <u>223</u> This Water Well Record was completed on (mo/day/yr) <u>6-23-08</u> under the business name of <u>Dunham Drilling Inc.</u> by (signature) <u>Karen Dunham</u>					
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies 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 to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.					

330	335	Sand
335	344	Clay & little lime
344	345	Sand
345	360	Sand & little cemented sand
360	361	Sand
361	362	Lime
362	369	Clay with lime
369	375	Lime with clay
375	380	Clay with lime
380	390	Sand with cemented sand & 1' clay
390	397	Cemented sand & sand
397	402	Clay & lime
402	405	Sand & little cemented sand
405	407	Lime (hard) & little clay
407	415	Clay & little lime