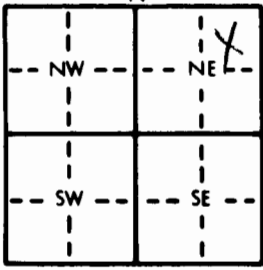


1 LOCATION OF WATER WELL:		Fraction	Section Number		Township Number		Range Number	
County: <u>Haskell</u>		$\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$	<u>10</u>		T <u>28</u> S		R <u>31</u> E <u>W</u>	
Distance and direction from nearest town or city street address of well if located within city?								
2 WATER WELL OWNER: <u>Mr. Wallace Schmidt</u>								
RR#, St. Address, Box #: <u>Route 1; P.O. Box 67</u>								
City, State, ZIP Code: <u>Copeland, KS. 67837</u>								
Board of Agriculture, Division of Water Resources								
Application Number: <u>#1223</u>								
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: <u>657</u> ft. ELEVATION: <u>266</u> ft.					
			Depth(s) Groundwater Encountered <u>266</u> ft. 2. <u>266</u> ft. 3. <u>266</u> ft.					
			WELL'S STATIC WATER LEVEL <u>266</u> ft. below land surface measured on mo/day/yr <u>9/26/88</u>					
			Pump test data: Well water was <u>318</u> ft. after <u>8</u> hours pumping <u>1300</u> gpm					
			Est. Yield <u>15-2000</u> gpm: Well water was <u>318</u> ft. after <u>8</u> hours pumping <u>1300</u> gpm					
			Bore Hole Diameter <u>30" X 12"</u> in. to <u>657</u> ft., and <u>657</u> in. to <u>657</u> ft.					
			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)					
			<u>2 Irrigation</u> 4 Industrial 7 Lawn and garden only 10 Observation well					
			Was a chemical/bacteriological sample submitted to Department? Yes <u>✓</u> No <u>✓</u> ; If yes, mo/day/yr sample was submitted					
			Water Well Disinfected? Yes <u>✓</u> No <u>✓</u>					
5 TYPE OF BLANK CASING USED:								
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>✓</u> Cramped <u>✓</u>								
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <u>✓</u>								
Blank casing diameter <u>16</u> in. to <u>457</u> ft., Dia. <u>16</u> in. to <u>517-557</u> ft., Dia. <u>16</u> in. to <u>250</u> ft.								
Casing height above land surface <u>1</u> ft., weight <u>42.0</u> lbs./ft. Wall thickness or gauge No. <u>250</u>								
TYPE OF SCREEN OR PERFORATION MATERIAL:								
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement								
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) <u>10 Carbon Steel</u>								
2 None used (open hole)								
SCREEN OR PERFORATION OPENINGS ARE:								
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)								
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes								
7 Torch cut 10 Other (specify)								
SCREEN-PERFORATED INTERVALS: From <u>457</u> ft. to <u>517</u> ft., From <u>517</u> ft. to <u>557</u> ft.								
From <u>357</u> ft. to <u>657</u> ft., From <u>657</u> ft. to <u>657</u> ft.								
GRAVEL PACK INTERVALS: From <u>657</u> ft. to <u>20 B&amp;L</u> ft., From <u>20 B&amp;L</u> ft. to <u>657</u> ft.								
6 GROUT MATERIAL:								
1 Neat cement 2 Cement grout 3 Bentonite 4 Other								
Grout intervals: From <u>0</u> ft. to <u>20</u> ft., From <u>20</u> ft. to <u>657</u> ft., From <u>657</u> ft. to <u>657</u> 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) <u>Nothing within 2000'</u>								
13 Insecticide storage								
Direction from well? How many feet?								
FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG								
See Attached								
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>9/15/88</u> and this record is true to the best of my knowledge and belief. Kansas								
Water Contractor's License No. <u>18-0120712</u> This Water Well Record was completed on (mo/day/yr) <u>9/26/88</u>								
under the business name of <u>Wayne Western Company</u> by (signature) <u>Joe Johnson</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 Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.								

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# LOG OF WELL

Ft.	In.	to	Ft.	In.	Formation
0			4		top soil
4			18		brown/light brown clay
18			20		sand with clay lens
20			24		sand with clay lens
24			50		lt. brown clay with caliche streak
50			53		lt. brown clay with caliche streak
53			80		sand (fine) with caliche streak & clay layer
80			87		sand - fine
87			92		sand (fine) with caliche streak & clay
92			104		brown/lt. brown clay with caliche streak
104			113		sand (fine) with clay layer & caliche lens
113			115		sand med/coarse - WL
115			134		sand (med) with clay layers - WL
134			140		sand (med) to gravel - WL
140			151		sand (med) to gravel with clay lens - WL
151			170		sand (fine) and gravel - WL
170			177		fine sand with clay layers - TC - WL
177			185		sand and gravel - TC - lost circulation
185			195		gravel and sand - TC
195			200		clay w/caliche layer w/gravel mix
200			215		fine sand and gravel w/clay lens - WL
215			219		rust clay layer with fine sand
219			230		fine sand and gravel with thin clay layer
230			258		fine sand with med. gravel - WL
258			260		light brown clay with gravel mix
260			261		light brown clay
261			275		fine sand and gravel w/clay lens
275			284		gray clay with rust clay layer
284			290		rust clay layer - sand and gravel - TC
290			325		fine sand & gravel
325			353		fine sand and gravel w/thin clay layers
353			357		clay layer with sand and gravel
357			370		fine sand and gravel with clay lens
370			371		shale layer - red - hard - TC
371			377		fine sand and gravel with blue shale lens
377			385		blue shale layer with sand and gravel
385			405		blue shale and brown clay streak with fine sand
405			407		blue shale and brown clay streak with fine sand
407			481		fine sand to med. with blue shale lens - WL
481			485		blue shale with sand and gravel
485			502		fine sand and gravel w/clay lens
502			505		brown clay layer with caliche streak
505			527		caliche and brown clay w/sand layer
527			597		fine sand w/clay layer with caliche streak
597			605		brown clay & sand - TC - WL
605			657		fine sand and med. gravel w/clay lens - WL
657			685		blue shale & clay
					TC - Table chatter
					WL - Water loss