

1 LOCATION OF WATER WELL: County: <u>Haskell</u>		Fraction SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$		Section Number <u>6</u>	Township Number T <u>28</u> S	Range Number R <u>31</u> EW
Distance and direction from nearest town or city street address of well if located within city? <u>From Highway 83 & 56 west of Sublette</u> <u>- 12 miles north, 7 miles east, 1 mile south, 3,750 ft. west & 345 ft. north</u>						
2 WATER WELL OWNER: RR#, St. Address, Box # : <u>Emil Nightengale Trust</u> City, State, ZIP Code : <u>HCR 1 - Box 52A</u> <u>Sublette, Kansas 67877</u>		Board of Agriculture, Division of Water Resources Application Number: <u>16,088</u>				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>625</u> ft. ELEVATION: _____ ft.				
<div style="text-align: center;"><p>1 Mile</p></div>		Depth(s) Groundwater Encountered <u>1</u> ft. <u>2</u> ft. <u>3</u> ft.				
		WELL'S STATIC WATER LEVEL <u>230</u> ft. below land surface measured on mo/day/yr <u>11/5/97</u>				
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm				
		Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm				
		Bore Hole Diameter <u>30</u> in. to <u>625</u> ft., and _____ in. to _____ ft.				
		WELL WATER TO BE USED AS:				
		1 Domestic 3 Feedlot 6 Oil field water supply 8 Air conditioning 11 Injection well				
		2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below)				
		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 _____ No <u>X</u>				
5 TYPE OF BLANK CASING USED:						
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____						
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <u>X</u>						
Blank casing diameter <u>16</u> in. to <u>320</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.						
Casing height above land surface <u>12</u> in., weight <u>42.05</u> lbs./ft. Wall thickness or gauge No. <u>250</u>						
TYPE OF SCREEN OR PERFORATION MATERIAL:						
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement						
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____						
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>320</u> ft. to <u>625</u> ft., From _____ ft. to _____ ft.						
GRAVEL PACK INTERVALS: From <u>20</u> ft. to <u>625</u> 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 <u>0</u> ft. to <u>20</u> ft., From _____ ft. to _____ 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						
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 _____ na						
Direction from well? _____ How many feet? _____						
FROM	TO	LITHOLOGIC LOG		FROM	TO	PLUGGING INTERVALS
		See attached log				
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>11/19/97</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>208</u> This Water Well Record was completed on (mo/day/yr) <u>12/2/97</u> under the business name of <u>Minter-Wilson Drilling Co., Inc.</u> by (signature) <u>Nora Keller</u>						

*The
Professionals*

MINTER-WILSON DRILLING CO.

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Irrigation
and Domestic
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Emil Nightengale
Haskell County
11/5/97

Location: SW $\frac{1}{4}$ 6-28-31 - South of Garden City to 22 Mile Road - 6 miles east,
1 mile south, 1,274 ft. east & 30 ft. north to well
(410 ft. east & 61 ft. north of old well)

Static Water Level - 230'

Test #1

0' to 2' - Top soil
2' to 21' - Brown clay 01
21' to 33' - Brown sandy clay
33' to 69' - Fine sand clay mixed - loose
69' to 83' - Brown sandy clay
83' to 90' - Brown sandy clay - 30% fine sand - loose
90' to 113' - Brown sandy clay
113' to 119' - Brown sandy clay - small fine sand streak 04
119' to 148' - Fine to medium sand and gravel - loose
148' to 218' - Fine to medium sand and gravel - clay strip - loose 17
218' to 227' - Brown yellow sandy clay 04
227' to 258' - Fine to medium sand and gravel - 10% clay - loose 17
258' to 269' - Brown yellow clay - small strip of sand stone 01
269' to 277' - Fine to medium sand and gravel - loose
277' to 305' - Fine to medium sand and gravel - 10% clay 17
305' to 320' - Blue clay 01
320' to 325' - Fine to medium sand and gravel - loose 17
325' to 333' - Blue clay 01
333' to 366' - Fine to medium sand and gravel - 10% clay - loose 17
366' to 380' - Brown clay - 35% gravel 01
380' to 391' - Fine to medium sand and gravel - 10% clay - loose 17
391' to 394' - Brown sandy clay 01
394' to 405' - Fine to medium sand and gravel - loose 17
405' to 413' - Brown sandy clay - small sand stone strip 01
413' to 425' - Fine to medium sand and gravel 17
425' to 428' - Brown sandy clay 01
428' to 455' - Fine to medium sand and gravel 17
455' to 478' - Brown sandy clay 01
478' to 487' - Fine to medium sand 07
487' to 500' - Brown sandy clay
500' to 530' - Brown clay
530' to 577' - Brown sandy clay
577' to 590' - Brown sandy clay - small strip brown rock cemented sand - mixed 01
590' to 595' - Fine to medium sand and gravel brown yellow rock mixed - loose 07
595' to 617' - Brown clay 01
617' to 620' - Fine to medium sand and gravel brown yellow rock mixed - loose 07
620' to 650' - Brown yellow gray red clay 01