

1 LOCATION OF WATER WELL: County: <u>Gray</u>		Fraction <u>Near Center</u> $\frac{1}{4}$ $\frac{1}{4}$ NW $\frac{1}{4}$		Section Number <u>24</u>	Township Number T <u>26</u> S	Range Number R <u>28</u> 29 30
Distance and direction from nearest town or city street address of well if located within city? <u>From south side of Cimarron - 2½ Miles South, 1 Mile East, 3,770 Ft. North & 4,050 Ft. West</u>						
2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :		<u>Carl Leatherwood</u> <u>P. O. Box 788</u> <u>Cimarron, Kansas 67835</u> Board of Agriculture, Division of Water Resources Application Number: <u>21,534</u>				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>265</u> ft. ELEVATION: _____				
		Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL <u>113</u> ft. below land surface measured on mo/day/yr <u>6-29-95</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>265</u> ft., and _____ in. to _____ 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) 2 Irrigation 4 Industrial 7 Lawn and garden only 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 _____ 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> _____ 7 Fiberglass _____ Threaded _____ Blank casing diameter <u>16</u> in. to <u>140</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 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____ 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) _____ 11 None (open hole)				
SCREEN-PERFORATED INTERVALS: From <u>140</u> ft. to <u>265</u> ft., From _____ ft. to _____ ft.						
GRAVEL PACK INTERVALS: From <u>30</u> ft. to <u>265</u> 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>30</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 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 9 Feedyard 3 Watertight sewer lines 6 Seepage pit						
Direction from well? <u>North</u>		How many feet? <u>190</u>				
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>7-3-95</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>7-10-95</u> under the business name of <u>Minter-Wilson Drilling Co., Inc.</u> by (signature) <u>Nora Keller</u>						

*The
Professionals*

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Carl Leatherwood
Gray County
6/9/95

Location: NW $\frac{1}{4}$ 24-26-28
From Cimarron Bridge - 1 $\frac{1}{2}$ Miles South,
1/8th East & $\frac{1}{4}$ Mile Southeast to pivot
(Old well 87 Ft. west of pivot)
(Offset 200 Ft. South of old well)

Static Water Level - about 60'

Test #1

0' to 1' $\frac{0}{4}$ Top soil
1' to 27' $\frac{0}{4}$ Fine sand - loose
27' to 36' $\frac{0}{4}$ Brown clay
36' to 42' $\frac{1}{7}$ Fine to medium sand and gravel-loose
42' to 60' $\frac{1}{4}$ Medium coarse gravel - loose
60' to 82' $\frac{1}{5}$ Coarse gravel - loose
82' to 95' $\frac{0}{4}$ Brown sandy clay
95' to 104' $\frac{1}{7}$ Fine to medium sand and gravel-loose
104' to 113' $\frac{0}{4}$ Brown sandy clay
113' to 117' $\frac{1}{7}$ Fine to medium sand and gravel-loose
117' to 124' $\frac{0}{4}$ Brown sandy clay
124' to 134' $\frac{1}{7}$ Fine to medium sand and gravel-loose
134' to 142' $\frac{0}{4}$ Brown clay
142' to 182' $\frac{0}{4}$ Fine to medium sand-10% clay - loose
182' to 195' $\frac{0}{4}$ Brown sandy clay
195' to 200' $\frac{1}{7}$ Fine to medium sand and gravel
- small yellow rock mixed - loose
200' to 257' $\frac{1}{4}$ Medium coarse gravel - yellow rock
mixed - loose
257' to 275' $\frac{1}{9}$ Shale - hard pull down