

1 LOCATION OF WATER WELL		Fraction	Section Number	Township Number	Range Number
County: <u>Gray</u>		<u>N 1/2 S 1/2 NW 1/4</u>	<u>1</u>	<u>T 26 S</u>	<u>R 28 E 10</u>
Distance and direction from nearest town or city? <u>Approx 1/2 mile NE of Cimarron</u>			Street address of well if located within city?		
2 WATER WELL OWNER: <u>Hutchinson National Bank & Trust</u>			Board of Agriculture, Division of Water Resources		
RR#, St. Address, Box #: <u>Trustee for Kansas - Unruh Trust</u>			Application Number: <u>28,877</u>		
City, State, ZIP Code: <u>Cimarron, KS, 67835</u>					
3 DEPTH OF COMPLETED WELL: <u>260</u> ft. Bore Hole Diameter: <u>26"</u> in. to <u>260'</u> ft., and <u>260'</u> in. to <u>260'</u> ft.					
Well Water to be used as:		5 Public water supply		8 Air conditioning	
1 Domestic		3 Feedlot		11 Injection well	
2 Irrigation		6 Oil field water supply		9 Dewatering	
4 Industrial		7 Lawn and garden only		12 Other (Specify below)	
Well's static water level: <u>120</u> ft. below land surface measured on <u>Dec</u> month <u>10</u> day <u>1979</u> year		10 Observation well			
Pump Test Data		Well water was <u>1500</u> gpm		hours pumping <u>10</u> hours pumping <u>10</u> gpm	
Est. Yield <u>1500</u> gpm		Well water was <u>1500</u> gpm		hours pumping <u>10</u> hours pumping <u>10</u> gpm	
4 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)		5 Wrought iron	
2 PVC		4 ABS		6 Asbestos-Cement	
Blank casing dia <u>16"</u> in. to <u>260</u> ft., Dia <u>16"</u> in. to <u>260</u> ft., Dia <u>16"</u> in. to <u>260</u> ft., Dia <u>16"</u> in. to <u>260</u> ft.		7 Fiberglass		8 Concrete tile	
Casing height above land surface <u>12"</u> in., weight <u>36.91</u> lbs./ft. Wall thickness or gauge No <u>12"</u>		8 Concrete tile		9 Other (specify below)	
TYPE OF SCREEN OR PERFORATION MATERIAL:		10 Asbestos-cement		Casing Joints: Glued <u>X</u> Clamped <u>X</u>	
1 Steel		3 Stainless steel		Welded <u>X</u>	
2 Brass		4 Galvanized steel		Threaded <u>X</u>	
3 Mill slot		5 Fiberglass		11 Other (specify)	
4 Key punched		6 Concrete tile		12 None used (open hole)	
Screen or Perforation Openings Are:		7 PVC		8 Saw cut	
1 Continuous slot		8 RMP (SR)		11 None (open hole)	
2 Louvered shutter		9 ABS		9 Drilled holes	
3 Gauzed wrapped		10 Other (specify)		10 Other (specify)	
4 Wire wrapped		11 None (open hole)			
5 Torch cut					
Screen-Perforation Dia <u>16</u> in. to <u>260</u> ft., Dia <u>16</u> in. to <u>260</u> ft., Dia <u>16</u> in. to <u>260</u> ft., Dia <u>16</u> in. to <u>260</u> ft.					
Screen-Perforated Intervals: From <u>155</u> ft. to <u>175</u> ft., From <u>210</u> ft. to <u>260</u> ft., From <u>210</u> ft. to <u>260</u> ft., From <u>210</u> ft. to <u>260</u> ft.					
Gravel Pack Intervals: From <u>10</u> ft. to <u>260</u> ft., From <u>10</u> ft. to <u>260</u> ft., From <u>10</u> ft. to <u>260</u> ft., From <u>10</u> ft. to <u>260</u> ft.					
5 GROUT MATERIAL:					
1 Neat cement		2 Cement grout		3 Bentonite	
Grouted Intervals: From <u>0</u> ft. to <u>10</u> ft., From <u>10</u> ft. to <u>260</u> ft., From <u>10</u> ft. to <u>260</u> ft., From <u>10</u> ft. to <u>260</u> ft.		4 Other		5 Other	
What is the nearest source of possible contamination: <u>None observed</u>		10 Fuel storage		14 Abandoned water well	
1 Septic tank		11 Fertilizer storage		15 Oil well/Gas well	
2 Sewer lines		12 Insecticide storage		16 Other (specify below)	
3 Lateral lines		13 Watertight sewer lines			
4 Cess pool					
5 Seepage pit					
6 Pit privy					
7 Sewage lagoon					
8 Feed yard					
9 Livestock pens					
Direction from well <u>None observed</u> How many feet <u>None observed</u>		Water Well Disinfected? Yes <u>✓</u> No <u>✓</u>			
Was a chemical/bacteriological sample submitted to Department? Yes <u>✓</u> No <u>✓</u>		If yes, date sample <u>1979</u>			
was submitted <u>10</u> month <u>10</u> day <u>1979</u> year		Pump Installed? Yes <u>✓</u> No <u>✓</u>			
If Yes: Pump Manufacturer's name <u>Johnston</u>		Model No. <u>12 EMC</u> HP <u>100</u> Volts <u>100</u>			
Depth of Pump Intake <u>245</u> ft.		Pumps Capacity rated at <u>800</u> gal./min.			
Type of pump: 1 Submersible <u>2 Turbine</u>		3 Jet		4 Centrifugal	
5 Reciprocating		6 Other			
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> , <u>(2) reconstructed</u> , or <u>(3) plugged</u> under my jurisdiction and was completed on <u>December</u> month <u>7</u> day <u>1979</u> year <u>1979</u>					
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>145</u>					
This Water Well Record was completed on <u>Dec</u> month <u>20</u> day <u>1979</u> year under the business name of <u>Hankle Drilling & Supply Co.</u> by (signature) <u>Bruce J. Reckmuth</u>					
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <u>(Long section)</u>		LITHOLOGIC LOG		LITHOLOGIC LOG	
FROM TO		FROM TO		FROM TO	
<u>See attached log</u>		<u>See attached log</u>		<u>See attached log</u>	
ELEVATION:		ELEVATION:		ELEVATION:	
Depth(s) Groundwater Encountered 1. <u>120</u> ft. 2. <u>120</u> ft. 3. <u>120</u> ft. 4. <u>120</u> ft.		Depth(s) Groundwater Encountered 1. <u>120</u> ft. 2. <u>120</u> ft. 3. <u>120</u> ft. 4. <u>120</u> ft.		Depth(s) Groundwater Encountered 1. <u>120</u> ft. 2. <u>120</u> ft. 3. <u>120</u> ft. 4. <u>120</u> ft.	
(Use a second sheet if needed)					
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, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.					

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DRILLERS TEST LOG

CUSTOMERS NAME	KANSAS UNRUH TRUST	DATE	11-29-79
STREET ADDRESS	BOX 466 c/o BERNIE FREGON	TEST #	2
CITY & STATE	CIMARRON, KS.	DRILLER/MAI	
COUNTY	GRAY	QUARTER	NW
	SECTION	1	TOWNSHIP
	26	RANGE	28

LOCATION 1320' EAST AND 2640' SOUTH OF NW CORNER

				WELL LOCATION	
#	DRILLED FROM	PAY	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL
					PROPOSED WELL DEPTH
	0		3	TOP SOIL	
	3		37	BROWN CLAY & CALICHE	
	37		60	CEMENTED SAND & GRAVEL (HARD)	
	60		80	BROWN SANDY CLAY, SAND & CALICHE	
	80		90	SAND FINE MED. COARSE (FIRM)	
	90		100	BROWN CLAY	
	100		110	SAND FINE MED. COARSE & MED. SMALL GRAVEL	
	110		125	BROWN SANDY CLAY & SAND	
	125		140	BROWN CLAY & CALICHE	
	140		155	SAND MED. COARSE & BROWN SANDY CLAY	
55	155	19	174	SAND FINE MED. COARSE FEW SMALL GRAVEL & FEW TINY WHITE ROCK USED WATER VERY SMALL CLAY	
	174		180	BROWN CLAY & SAND	
	180		196	BROWN CLAY (STICKY)	
15	196	6	202	VERY FINE SAND MED. COARSE	
	202		210	BROWN CLAY (STICKY)	
75	210	40	250	SAND FINE MED. COARSE SMALL BROWN GRAVEL WHITE & TAN ROCK LOOSE USED WATER (VERY GOOD)	
35	250	7	257	BROKEN WHITE ROCK SOAPSTONE	
	257		260	SOAPSTONE	
	260		270	SHALE	
		72			
				WELL DEPTH = 260'	
				SET UP FACE SOUTH PIT ON WEST	

GARDEN CITY, KANSAS
Phone 276-3278

HENKLE DRILLING & SUPPLY CO., INC.

SUBLETTE, KANSAS
Phone 675-4311

TEST HOLES

DOMESTIC WELLS

STOCK WOLLS

IRRIGATION & INDUSTRIAL WELLS