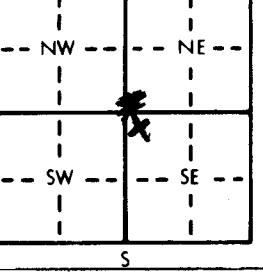


LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number	
County: <u>Gray</u>	<u>NE 1/4 NW 1/4 SE 1/4</u>	<u>6</u>	<u>T 27 S</u>	<u>R 30 E</u>	
Distance and direction from nearest town or city street address of well if located within city? <u>From Bridge South of Piercerville, 9 1/2 South, 3 1/2 East, 1/2 South</u>					
2 WATER WELL OWNER:	<u>Lawrence Withers</u>				
RR#, St. Address, Box #	<u>R.R.</u>				
City, State, ZIP Code	<u>Cope Land, KS. 67837</u>				
Board of Agriculture, Division of Water Resources Application Number: <u>9592</u>					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 					
4 DEPTH OF COMPLETED WELL <u>461</u> ft. ELEVATION: <u>110</u> Depth(s) Groundwater Encountered <u>1 110</u> ft. 2. <u>110</u> ft. 3. <u>110</u> ft. WELL'S STATIC WATER LEVEL <u>110</u> ft. below land surface measured on mo/day/yr <u>4-19-84</u> Pump test data: Well water was <u>134</u> ft. after <u>1</u> hours pumping <u>701</u> gpm Est. Yield <u>1500</u> gpm, Well water was <u>185</u> ft. after <u>2</u> hours pumping <u>1453</u> gpm Bore Hole Diameter <u>34</u> in. to <u>461</u> ft. and <u>461</u> in. to <u>461</u> ft.					
5 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 Observation well					
Was a chemical/bacteriological sample submitted to Department? Yes <u>No</u> ; If yes, mo/day/yr sample was submitted Water Well Disinfectant? Yes <u>No</u>					
6 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile Casing joints: Glued <u>.....</u> Clamped <u>.....</u> 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded <u>.....</u> 2 PVC 4 ABS 7 Fiberglass Threaded <u>.....</u>					
Blank casing diameter <u>16</u> in. to <u>461</u> ft., Dia. <u>.....</u> in. to <u>.....</u> ft., Dia. <u>.....</u> in. to <u>.....</u> ft. Casing height above land surface <u>12</u> in., weight <u>42.05</u> lbs./ft. Wall thickness or gauge No. <u>25.0</u>					
7 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) <u>.....</u> 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)					
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) <u>.....</u>					
SCREEN-PERFORATED INTERVALS: From <u>120</u> ft. to <u>150</u> ft., From <u>370</u> ft. to <u>390</u> ft. From <u>160</u> ft. to <u>180</u> ft., From <u>398</u> ft. to <u>458</u> ft.					
GRAVEL PACK INTERVALS: From <u>10</u> ft. to <u>40</u> ft., From <u>.....</u> ft. to <u>.....</u> ft. From <u>.....</u> ft. to <u>.....</u> ft., From <u>.....</u> ft. to <u>.....</u> ft.					
8 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From <u>0</u> ft. to <u>10</u> ft., From <u>.....</u> ft. to <u>.....</u> ft., From <u>.....</u> ft. to <u>.....</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>.....</u> 13 Insecticide storage <u>1350</u> <u>North</u>					
9 Direction from well? See Attached Log					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
<i>See Attached Log</i>					

## DRILLERS TEST LOG

CUSTOMERS NAME Lawrence Withers DATE 1-16-84  
STREET ADDRESS  TEST # 4 E. LOG yes  
CITY & STATE Copeland, Kansas DRILLER Livingston  
COUNTY Gray QUARTER SE SECTION 6 TOWNSHIP 27 RANGE 30

LOCATION 595' south of old well

### Well Location

%	Footage From Pay To		DESCRIPTION OF STRATA	Static Water Level Proposed Well Depth 461'
	0	2	Top soil	
	2	37	Sandy clay and few fine sand stks.	
	37	78	Sand fine to med. coarse small to large gravel few cabblestomes few clay stks.	
	78	93	Sandy clay and sand fine to med.	
70	93	18	111 Sand fine to med. coarse small to med. gravel	
	111		115 Brown sandy clay	
65	115	24	139 Sand fine to med. coarse	
	139		145 Brown sandy clay	
45	145	05	150 Sand fine to med. coarse	
	150		160 Brown sandy clay	
65	160	20	180 Sand fine to med. coarse small gravel	
	180		220 Brown sandy caly few fine sand stks. and lime rock	
	220		248 Brown clay and fine sand stks.	
	248		258 Soapstone	
	258		348 Weathered shale and few lime stone ledges	
	348		370 Gray shale and soapstone	
20	370	20	390 Soapstone and Dakota	
	390		398 Gray shale	
30	398	33	431 Dakota	
	431		434 Soapstone	
30	434	24	458 Dakota	
	458		500 Shale and lime stone ledges	

Total Depth 461'

Set up north

## Pit on the East