

1 LOCATION OF WATER WELL		Fraction Near center of	Section Number 24	Township Number T 29 S	Range Number R 30 EW		
County: GRAY		1/4	1/4	NW 1/4			
Distance and direction from nearest town or city? Approx. 3 1/2 mi East & 1 1/2 mi South of Copeland, KS			Street address of well if located within city?				
2 WATER WELL OWNER: Jerry Bunnell			Board of Agriculture, Division of Water Resources				
RR#, St. Address, Box # :			Application Number: 33,349				
City, State, ZIP Code : Copeland, Kansas 67837							
3 DEPTH OF COMPLETED WELL... 368 ... ft. Bore Hole Diameter... 24 ... in. to ... 368 ... ft., and ... in. to ... ft.							
Well Water to be used as:							
1 Domestic		3 Feedlot		5 Public water supply			
2 Irrigation		4 Industrial		6 Oil field water supply			
		7 Lawn and garden only		8 Air conditioning			
				9 Dewatering			
				10 Observation well			
				11 Injection well			
				12 Other (Specify below)			
Well's static water level ... 111 ... ft. below land surface measured on JULY ... month ... 9 ... day ... 1980 ... year							
Pump Test Data : Well water was ... 130 ... ft. after ... 4 ... hours pumping ... 1460 ... gpm							
Est. Yield + 3000 gpm: Well water was ... ft. after ... hours pumping ... gpm							
4 TYPE OF BLANK CASING USED:							
1 Steel		3 RMP (SR)		5 Wrought iron			
2 PVC		4 ABS		6 Asbestos-Cement			
				7 Fiberglass			
				8 Concrete tile			
				9 Other (specify below)			
				Casing Joints: Glued ... Clamped ...			
				Welded ... X ...			
				Threaded ...			
Blank casing dia ... 16 ... in. to ... 368 ... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.							
Casing height above land surface ... 12 ... in., weight ... 36.91 ... lbs./ft. Wall thickness or gauge No219							
TYPE OF SCREEN OR PERFORATION MATERIAL:							
1 Steel		3 Stainless steel		5 Fiberglass			
2 Brass		4 Galvanized steel		6 Concrete tile			
				7 PVC			
				8 RMP (SR)			
				9 ABS			
				10 Asbestos-cement			
				11 Other (specify)			
				12 None used (open hole)			
Screen or Perforation Openings Are:							
1 Continuous slot		3 Mill slot		5 Gauzed wrapped			
2 Louvered shutter		4 Key punched		6 Wire wrapped			
				7 Torch cut			
				8 Saw cut			
				9 Drilled holes			
				10 Other (specify)			
				11 None (open hole)			
Screen-Perforation Dia ... 16 ... in. to ... 365 ... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.							
Screen-Perforated Intervals: From ... 208 ... ft. to ... 268 ... ft., From ... 281 ... ft. to ... 291 ... ft.							
From ... 301 ... ft. to ... 341 ... ft., From ... 355 ... ft. to ... 365 ... ft.							
Gravel Pack Intervals: From ... 10 ... ft. to ... 368 ... ft., From ... ft. to ... ft.							
From ... ft. to ... ft., From ... ft. to ... ft.							
5 GROUT MATERIAL:							
1 Neat cement		2 Cement grout		3 Bentonite			
4 Other							
Grouted Intervals: From ... 0 ... ft. to ... 10 ... ft., From ... ft. to ... ft., From ... ft. to ... ft.							
What is the nearest source of possible contamination: None Observed							
1 Septic tank		4 Cess pool		7 Sewage lagoon			
2 Sewer lines		5 Seepage pit		8 Feed yard			
3 Lateral lines		6 Pit privy		9 Livestock pens			
				10 Fuel storage			
				11 Fertilizer storage			
				12 Insecticide storage			
				13 Watertight sewer lines			
				14 Abandoned water well			
				15 Oil well/Gas well			
				16 Other (specify below)			
Direction from well ... How many feet ... ? Water Well Disinfected? Yes ... No X							
Was a chemical/bacteriological sample submitted to Department? Yes ... No X ... If yes, date sample was submitted ... month ... day ... year							
Pump Installed? Yes X ... No							
If Yes: Pump Manufacturer's name ... Johnston ... Model No. 12 EMC ... HP 125 ... Volts							
Depth of Pump Intake ... 245 ... ft. Pumps Capacity rated at ... 800 ... gal./min.							
Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other							
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on ... JULY ... month ... 7 ... day ... 1980 ... year							
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145							
This Water Well Record was completed on ... JULY ... month ... 24 ... day ... 1980 ... year under the business name of Henkle Drilling & Supply Co., Inc. by (signature) <i>Bruce J. Reichmuth</i>							
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM TO LITHOLOGIC LOG		FROM TO LITHOLOGIC LOG			
		See Attached Log					
ELEVATION:							
Depth(s) Groundwater Encountered 1. ... ft. 2. ... ft. 3. ... ft. 4. ... ft. (Use a second sheet if needed)							

OFFICE USE ONLY

T

R

EW

SEC.

1/4

1/4

1/4

DRILLING TEST LOG

DRILLER NAME Jerry Ruppell

DATE 4-10-80

DRILLER ADDRESS

TEST # 1 E. LOG yes

CITY & STATE Copeland, Ks.

DRILLER Rector

COUNTY Gray

QUARTER NW

SECTION 24

TOWNSHIP 29

RANGE 30

LOCATION In center of 1/4 & 18 ft. SE of pivot

Well location

DEPTH	FEET	FEET	FEET	DESCRIPTION OF STRATA	STATIC WATER LEVEL
	FROM	TO			PROPOSED WELL DEPTH 368'
0		4		SURFACE	
4		26		BROWN CLAY	
26		50		SAND FINE MED COARSE & SMALL GRAVEL	
50		59		BROWN CLAY	
59	24	174		SAND & GRAVEL SMALL CLAY ST.	
174		205		BLUE SANDY CLAY & VERY SMALL CLAY ST.	
205		269		SAND FINE MED COARSE & SMALL TRAVEL	
269		280		REAL LOOSE VERY GOOD NEED A LOT OF WATER	
280		286		BROWN & BLUE CLAY	
286		293		ITS OF BROWN ROCKS, SAND & BROWN & BLUE CLAY	
293		293		SAND FINE MED COARSE & SMALL GRAVEL USED WATER (LOOSE)	
293		302		BLUE CLAY	
302	29	341		SAND FINE MED COARSE & SMALL GRAVEL REAL LOOSE USED A LOT OF WATER	
341		355		VERY SMALL CLAY ST.	
355		355		BROWN CLAY	
355	12	367		SAND FINE MED COARSE & SMALL GRAVEL	
367		390		BROWN CLAY & FINE SAND & GYP ROCK	
390		414		BROWN CLAY & SOAP STONE	
414		440		BROWN CLAY (STICKY)	
	191			TOTAL DEPTH OF WELL 368 ft.	

HENKIE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS

Phone 276-3278

TEST HOLES

DOMESTIC WELLS

STOCK WELLS

IRRIGATION & INDUSTRIAL WELLS

SUBLETTE, KANSAS

Phone 675-4311